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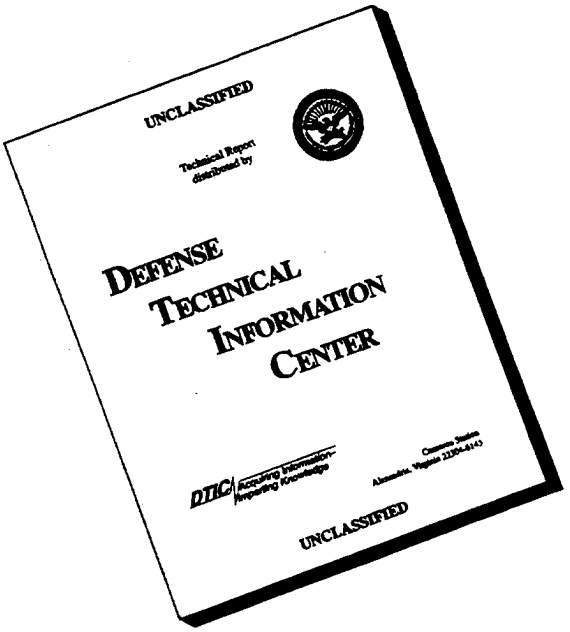
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Future Years Defense Program
Codes and Definitions For All DoD Components

Office of the Under Secretary of Defense (Comptroller) January 1996

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FYDP Program Structure Handbook

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OFFICE OF THE UNDER SECRETARY OF DEFENSE (COMPTROLLER)

January 24, 1996

FOREWORD

This Handbook is published under the authority of DoD Instruction 7045.7, "Implementation of the Planning, Programming, and Budgeting System (PPBS)," May 23, 1984. It contains the DoD program structure and the definition of each major program and program element approved by the Secretary of Defense. Also included are other related codes for the specific resources assigned to each element and an explanation of their use. This edition covers changes through FYDP Structure Change X-96-1, dated January 2, 1996.

DoD 7045.7-H, October, 1993 and all previous volumes are hereby canceled.

This Handbook applies to the Office of the Secretary of Defense, the Military Departments, the Chairman of the Joint Chiefs of Staff, and the Defense Agencies (hereafter referred to collectively as the "DoD Components").

This Handbook is effective immediately and is mandatory for use by all the DoD Components. Heads of the DoD Components may issue supplementary instructions only when necessary to provide for unique requirements within their Components. Forward recommended changes through channels to:

Deputy Comptroller (Program/Budget) (P&FC)
Office of the Under Secretary of Defense (Comptroller)
1100 Defense Pentagon
Washington, DC 20301-1100

DoD Component staffs may obtain copies of this Handbook by contacting their designated representative for program element administration. Approved for public release; distribution unlimited. Authorized registered users may obtain copies of this publication from the Defense Technical Information Center, 8725 John J. Kingman Rd., Suite 0944, Ft. Belvoir, Va. 22060-6218. Other Federal Agencies and the public, including contractors, may obtain copies from the US Department of Commerce, National Technical Information Service, 5285 Port Royal Road, Springfield, Virginia 22161, Tel: (703) 487-4650.



RONALD A. DAVIDSON
Deputy Comptroller (Program/Budget)

REFERENCES

(a) DoD Instruction 7045.7, "Implementation of the Planning, Programming, and Budgeting System (PPBS)," May 23, 1984.

(b) 2 U.S.C. 601-661, "Congressional Budget and Impoundment Control Act of 1974," July 12, 1974.

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CHAPTER 1

FYDP CODES AND DEFINITIONS

A. ORGANIZATION

This Handbook contains explanatory data, resource identification codes, program element index, and all program element definitions for all DoD Components.

B. UPDATING

1. DoD 7045.7-H will be republished periodically. Between republications this book should be kept current by DoD holders by making appropriate changes approved by FYDP Structure Change Memorandums.

2. All DoD holders are requested to advise the Director for Program and Financial Control, Office of the Deputy Comptroller (Program/Budget), Under Secretary of Defense (Comptroller), 1100 Defense Pentagon, Washington, DC 20301-1100 in writing, of changes in requirements for copies of these documents. A limited numbers of copies will be stocked by the OSD Publications Counter Service, Room 3B960.

C. MAINTENANCE

1. In accordance with DoD instruction 7045.7 (reference (a)), requests for changes to the program structure, such as establishment of new program element codes and definitions, changes to program element titles and definitions, shall be submitted to the Office of the Deputy Comptroller (Program/Budget) for coordination throughout the Department of Defense.

2. Requests for changes to the program structure shall include:

a. Identification of the program structure data elements to be established, modified, or canceled.

b. The purpose, rationale, and justification for the proposed change.

c. The impact the proposed change may have on other program structure data elements and other DoD Components.

d. A summary of the resources affected by the proposed change.

e. Definition or definitions of the program element or elements.

3. Each program element assigned to the structure must have a definition of its content.

4. Program element definitions must contain adequate descriptions of the total resources that normally are expected to be associated with the approved resources; for instance, organizational entities, a group of similar organizational entities, a function or a project as indicated by the title of element. Additionally, each element definition shall identify meaningful exclusions; that is, if certain resources normally are expected in an element, but for overriding reasons are not included, these must be identified and an indication made where in the structure such resources may be found.

5. In expressing the content of an element, avoid the use of stereotyped language. When the content is not identifiable to organizational entities and either functions or projects are being described, only language sufficient to express the basic function or project need be given.

6. Upon completion of the coordination and review process, a FYDP Structure Change memorandum is prepared by the Office of the Under Secretary of Defense (Comptroller) to cover approved changes to the program structure. Copies of the memorandum are provided to all DoD Components for implementation.

CHAPTER 2

FYDP CONCEPTS AND STRUCTURE

A. GENERAL

1. The FYDP is the official document that summarizes forces and resources associated with programs approved by the Secretary of Defense (prescribed in Program Decision Memorandums (PDMs), budget decisions, and other Secretary of Defense decision documents) for the Department of Defense. The FYDP, which contains prior year (PY), current year (CY), the two budget years (BY1 and BY2) through BY2 + 4 (BY2 +7 for forces), is usually updated 3 times a cycle and reflects the total resources programmed by the Department of Defense by fiscal year. A historical FYDP is published periodically, containing prior years resource data consistent with the official accounting records for fiscal years 1962 through the latest prior year.

2. In its first dimension, the FYDP is composed of 11 major defense programs (6 combat force-oriented programs and 5 support programs) used as a basis for internal DoD program review, and in its second dimension by the input-oriented appropriation structure used by the Congress in reviewing budget requests and enacting appropriations. Hence, it serves a purpose of cross-walking the internal review structure which is output-oriented with the congressional review structure which is input-oriented.

3. This two-dimensional structure and attendant review methodology provides a comprehensive approach to accounting for, estimating, identifying and allocating resources to individual or logical groups or organizational entities, major combat force or support programs referred to as program elements. Such a program element describes the force unit, financial and manpower data, including support requirements organic to the unit, associated with a division, brigade, company, ships, aircraft squadrons, and centralized supporting activities not organic to the unit, such as supply and maintenance depots, recruiting and training activities, individual and professional training, and health and medical facilities.

4. These program elements are designed and quantified in such a way as to be both comprehensive and mutually exclusive, and are continually scrutinized to maintain proper visibility of defense programs. This scrutiny includes vigilance over the resources necessary to equip, man, operate, maintain, and manage a class of combat unit or type of support activity. The elements are frequently rearranged and reaggregated in ways to provide summary categories and FYDP dimensions different from the 11 major programs generally referred to as missions. Since there are varying criteria for mission categories, the Department of Defense has not restricted such analytical schemes to a single display format, favoring instead a more dynamic approach to analytical tools.

5. The approval of the Under Secretary of Defense (Comptroller), or his designee, must be obtained before making any changes to the FYDP structure.

6. Currently, the following resource identification processes for FYDP data are used:

a. Research, Development, Test, and Evaluation (RDT&E). R&D project costs normally aggregate directly into program elements; however, certain overhead costs may be spread across all projects when they cannot be related directly to a specific project, or accumulated in management and support program elements.

b. Procurement. Procurement dollars are identified to program elements by one of the following methods:

(1) Procurement line items representing major weapon systems are directly associated with the appropriate program element or elements in accordance with the mission or missions assigned to the weapon system. Unit-related items are associated with program elements according to algorithms that identify units, their relative wartime deployment priority, the equipment authorizations for each unit, the worldwide asset position for equipment items, projected loss rates and the authorized acquisition objective for those items. A mathematical distribution is made to the program element based on these factors.

(2) Some items are based on historical distribution of identical or similar items being replaced.

(3) Some support resources, such as automobiles and some utility aircraft, are allocated to base operations program elements in accordance with type and size of mission being supported.

(4) In some cases, particularly in the Navy, summary program elements are used to accumulate procurement resources to avoid an arbitrary allocation.

c. Military Construction. When a construction project is identified, the FYDP major program of the dominant user is determined. As the project moves through the review and approval process, a specific program element is determined and assigned.

d. Operation and Maintenance. Several methodologies are used to identify operation and maintenance costs to program elements.

(1) Force-related resources are applied according to workload requirements (such as flying or steaming hours or overhaul schedules) of force units within each program element.

(2) Operation and maintenance for reserve components are assigned to those known requirements in specific program elements and the balance is applied according to manpower end strengths.

(3) Supply and maintenance resources are usually identified according to a number of workload measures and programmed equipment utilization rates.

(4) In the Navy, the resources for aircraft rework are handled differently from those for ship overhaul. Most of the Navy's centrally managed maintenance resources are identified in program 7. Aircraft rework falls in this category. Ship overhaul and other maintenance resources, on the other hand, are managed by the fleet commanders and are therefore in Programs 1 and 2.

(5) Training resources in Program 8 are based on training load requirements for projected mission needs. Unit training resources of the major mission programs are identified by force requirements.

(6) Medical resource requirements are based on a medical workload factor.

e. Military Personnel Dollars. Military personnel costs are applied to program elements by a computation of average salaries times the number of personnel for each program element.

f. Manpower.

(1) Military.

(a) End strengths are normally aggregated directly into program elements based on the program element identification of each unit.

(b) Unstructured spaces (trainees, transients, patients, prisoners, and students) are computed based on anticipated gains and losses and authorizations for units in all FYDP programs.

(2) Civilian. Civilian manpower is aggregated directly into program elements based on unit/program element relationships.

B. PROGRAMS

1. A program is an aggregation of program elements that reflects a force mission or a support mission of the Department of Defense and contains the resources needed to achieve an objective or plan. It reflects fiscal year time-phasing of mission objectives to be accomplished and the means proposed for their accomplishment.

2. The FYDP is comprised of the following 11 major defense programs:

a. Program 1 - Strategic Forces
b. Program 2 - General Purpose Forces
c. Program 3 - Command, Control, Communications, Intelligence and Space
d. Program 4 - Mobility Forces
e. Program 5 - Guard and Reserve Forces
f. Program 6 - Research and Development
g. Program 7 - Central Supply and Maintenance
h. Program 8 - Training, Medical, and Other General Personnel Activities

FYDP CONCEPTS AND STRUCTURE (continued)

i. Program 9 - Administration and Associated Activities
j. Program 10 - Support of Other Nations
k. Program 11 - Special Operations Forces

3. The major programs of the FYDP fall within the general organizational areas of responsibility within the Office of the Secretary of Defense, as shown below. However, since resources in these programs may overlap areas of management and functional responsibility, the programs are not considered to be the exclusive responsibility of any one particular organizational element of the Office of the Secretary of Defense.

4. Program 1 - Strategic Forces. Offices of Primary Responsibility (PR): Under Secretary of Defense (Acquisition and Technology) (USD(A&T)); Under Secretary of Defense Policy (USD(P)); Director for Program Analysis and Evaluation (DPA&E). Strategic forces are those organizations and associated weapon systems whose force missions encompass intercontinental or transoceanic inter-theater responsibilities. Program 1 is further subdivided into strategic offensive forces and strategic defensive forces, including operational management headquarters, logistics, and support organizations identifiable and associated with these major subdivisions.

5. Program 2 - General Purpose Forces. Office of PR: USD(A&T); DPA&E. General purpose forces are those organizations and associated weapon systems whose force mission responsibilities are, at a given point in time, limited to one theater of operation. Program 2 consists of force-oriented program elements, including the command organizations associated with these forces, the logistic organizations organic to these forces, and the related support units that are deployed or deployable as constituent parts of military forces and field organizations. Also included are other programs, such as JCS-directed and coordinated exercises, Coast Guard ship support program, war reserve material, ammunition, and equipment.

6. Program 3 - Command, Control, Communications, Intelligence and Space. Offices of PR: USD(A&T); USD(P); Assistant Secretary of Defense (Command, Control, Communications and Intelligence) ASD(C3I). Consists of intelligence, security, communications and functions, such as mapping, charting, and geodesy activities, weather service, oceanography, special activities, nuclear weapons operations, space boosters, satellite control and aerial targets. Intelligence and communications functions that are specifically identifiable to a mission in the other major programs shall be included within the appropriate program.

7. Program 4 -Mobility Forces. Office of PR: USD(A&T); DPA&E. Consists of program elements for airlift, sealift, traffic management, and water terminal activities, both direct-funded and through the Defense Business Operations Revolving Fund, including command, logistics, and support units organic to these organizations.

8. Program 5 - Guard and Reserve Forces. Offices of PR: Assistant Secretary of Defense (Reserve Affairs (ASD(RA)); DPA&E. The majority of Program 5 resources consist of Guard and Reserve training units in support of strategic offensive and defensive forces and general purpose forces. In addition, there are units in support of intelligence and communication; space; airlift and sealift; research and development; central supply and maintenance; training, medical, general personnel activities, administration, and support of other nations.

9. Program 6 - Research and Development. Office of PR: USD(A&T). Consists of all research and development programs and activities that have not yet been approved for operational use, and includes:

(a) Basic and applied research tasks and projects of potential military application in the physical, mathematical, environmental, engineering, biomedical, and behavioral sciences.

(b) Development, test, and evaluation of new weapons systems equipment and related programs.

10. Program 7 - Central Supply and Maintenance. Offices of PR: USD (A&T); Under Secretary of Defense (Personnel and Readiness (USD(P&R)). Consists of resources related to supply, maintenance, and service activities, both direct-funded and through the Defense Business Operations Revolving Fund, such as, first and second destination transportation, overseas port units, industrial preparedness, commissaries, logistics and maintenance support, depot maintenance and supply management. These functions or activities, which are usually centrally managed, provide benefits and support necessary for the fulfillment of DoD programs.

11. Program 8 - Training, Medical, and Other General Personnel Activities. Offices of PR: Assistant Secretary of Defense (Health Affairs) (ASD(HA); USD(P&R). Consists of resources related to training and education, personnel procurement services, health care, permanent change of station travel, transients, family housing, and other support activities associated with personnel. Excluded from this program is training specifically related to and identified with another major organic program. Housing subsistence, health care, recreation, and similar costs and resources that are organic to a program element, such as base operations in other major programs, are

also excluded from this program. Program 8 functions and activities, which are mainly centrally managed, provide benefits and support necessary for the fulfillment of DoD programs.

12. Program 9 - Administration and Associated Activities. Office of PR: USD(C). Consists of resources for the administrative support of departmental and major administrative headquarters, field commands, and administration and associated activities not accounted for elsewhere. Included are activities such as construction planning and design, public affairs, contingencies, claims, and criminal investigations.

13. Program 10 - Support of Other Nations. Office of PR: USD(P); Assistant Secretary of Defense (International Security Affairs (ASD(ISA)). Consists of resources in support of international activities, including support to the Military Assistance Program (MAP), foreign military sales, the North Atlantic Treaty Organization (NATO) infrastructure and humanitarian assistance.

14. Program 11 - Special Operations Forces. Office of PR: Assistant Secretary of Defense (Special Operations/Low Intensity Conflict) (ASD(SO/LIC)). Consists of force-oriented special operations forces (Active, Guard and Reserve), including the command organizations and support units directly related to these forces.

C. PROGRAM ELEMENTS

1. A program element is a primary data element in the FYDP and generally represents aggregations of organizational entities and resources related thereto. Program elements represent descriptions of the various missions of the Department of Defense. They are the building blocks of the programming and budgeting system and may be aggregated and reaggregated in a variety of ways:

a. To display total resources assigned to a specific program.
b. To display weapon systems and support systems within a program.
c. To select specified resources.
d. In logical groupings for analytical purposes.
e. To identify selected functional groupings of resources.

2. The program element concept allows the operating manager to participate in the programming decision process since both the inputs and outputs shall be stated and measured in program element terms. Each program element may or may not consist of forces, manpower, and dollars, depending on the definition of the element.

3. Some examples of program element coding symbology that have been retained through the many structure changes are as follows:

a. The program element code is ten positions long.

b. The first two positions of the code identify the program (01-11).

c. The last positions, which are alphabetic, identify the DoD Component to which the element is assigned (i.e., A. F, DS, DBE).

d. For Program 5 elements, the third and fourth positions identify the major active force program to which it relates.

e. For Program 6 elements, the third and fourth positions identify a specific R&D category, as follows:

(01) Research. Includes all effort of scientific study and experimentation directed toward increasing knowledge and understanding in those fields of the physical, engineering, environmental, and life sciences related to long-term national security needs. It provides farsighted, high payoff research, including critical enabling technologies that provide the basis for technological progress. It forms a part of the base for (a) subsequent exploratory and advanced developments in Defense-related technologies, and (b) new and improved military functional capabilities in areas such as communications, detection, tracking, surveillance, propulsion, mobility, guidance and control, navigation, energy conversion, materials and structures, and personnel support. Program elements in this category would involve pre-Milestone Zero efforts.

(02) Exploratory Development. This activity translates promising basic research into solutions for broadly defined military needs, short of major development projects. This type of effort may vary from fairly fundamental applied research to sophisticated hardware, study, programming and planning efforts that establish the initial feasibility and practicality of proposed solutions to technological challenges. It includes studies, investigations, and nonsystem specific development efforts. The dominant

characteristic of this category of effort is that it be pointed toward specific military needs with a view toward developing and evaluating the feasibility and practicability of proposed solutions and determining their parameters. Exploratory Development precedes the system specific research described in DoDD 5000.1 Program control of the Exploratory Development element will normally be exercised by a general level of effort. Program Elements in this category would involve pre-Milestone Zero efforts.

(03) Advanced Development. Includes all efforts which have moved into the development and integration of hardware for field experiments and tests. The results of this type rather than the development of hardware for service use. Projects in this category have a direct relevance to identified military needs. Advanced Development is system specific (particularly for major platforms; i.e., aircraft, ships, missiles and tanks, etc.) and includes advanced technology development which is used to demonstrate the general military utility or cost reduction potential of technology when applied to different types of military equipment or techniques. Advanced Development also includes evaluation and synthetic environment and proof-of-principle demonstrations in field exercises to evaluate system upgrades or provide new operational capabilities. Program Elements in this category would involve pre-Milestone One efforts. Projects in this category do not necessarily have to lead to subsequent development or procurement phases, however, program/budget justification must identify potential rough order of magnitude estimates of additional development and production costs consistent with the Department's full funding policy. Program elements with a code lower than 0603850 are usually Advanced Development.

(03) Demonstration/Validation. The demonstration and validation (Dem/Val) phase, includes all efforts necessary to evaluate integrated technologies in as realistic an operating environment as possible to assess the performance or cost reduction potential of advanced technology. The Dem/Val phase is system specific and also includes advanced technology demonstration that help expedite technology transition from the laboratory to operational use. Program Elements in this category would involve efforts between Milestone One and Milestone Two. A logical progression of program phases and funding (development and/or production) must be evident. Program elements with a code ranging from 0603850 to 0603999 are usually Demonstration/Validation.

(04) Engineering Development. Includes those projects in engineering and manufacturing development for Service use but which have not received approval for full-rate production. This area is characterized by major line item projects and program control will be exercised by the review of individual projects. Engineering Development includes engineering and manufacturing development projects. Program Elements in this category would involve efforts between Milestone Two and Milestone Three.

(05) Management and Support. Includes research and development effort directed toward support of installations or operations required for general research and development use. Included would be test ranges, military construction,

maintenance support of laboratories, operations and maintenance of test aircraft and ships and studies and analyses in support of the R&D program. Costs of laboratory personnel, either in house or contractor operated, would be assigned to appropriate projects or as a line item in the Research, Exploratory Development, or Advanced Development program areas, as appropriate. Military construction costs directly related to a major development program will be included in the appropriate element.

D. COMPONENT IDENTIFIER CODES

1. The following applicable DoD Component Identifier Codes are contained in the last positions of each program element:

A, DA	Department of the Army
B -	Defense Mapping Agency
C -	Ballistic Missile Defense Organization
D	Secretary of Defense
E -	Advanced Research Projects Agency
F, DF	Department of the Air Force
G -	National Security Agency
H -	Defense Nuclear Agency
HP -	Defense Health Program
I -	Defense Support Project Office
J -	The Joint Staff (including Unified and Specified Commands)
K, DK	Defense Information Service Agency
L -	Defense Intelligence Agency
LC -	Central Imagery Office
M, DM	United States Marine Corps
N, DN	Department of the Navy
R, DR	Defense Contract Audit Agency
S, DS	Defense Logistics Agency
U -	Undistributed Resources (for OUSD(C) use only)
V -	Defense Investigative Service
W -	Uniformed Services University of the Health Sciences

X -	Inspector General, Department of Defense
Y -	Defense Audiovisual Agency (Disestablished September 30, 1985)
BA	On-Site Inspection Agency
BB -	US Special Operations Command
BP -	Chemical and Biological Defense Program
DBC	Defense Commissary Agency
DBD	Defense Finance and Accounting Service
DBE	US Transportation Command
DSA	Joint Logistics Support Center

2. Program element codes ending in zero may be used by any DoD Component as applicable and after Comptroller approval. The zero is replaced by the appropriate DoD Component code when data are reported in the FYDP.

E. RESOURCE IDENTIFICATION CODES

1. Resource Identification Codes (RICs) are used to identify the types of resources assigned to each program element. There are three RIC Categories. An explanation of the types of RICs follows:

a. Force Codes. The Force Resource Identification Code is a four-digit code used to identify specific hardware items, or weapon systems, by type and model, such as aircraft, missiles, ships, and specific force organizations such as divisions, brigades, battalions, and wings.

b. Manpower Codes. The Manpower Resource Identification Code is a four-digit code used to identify officer, enlisted, and civilian manpower in both the active and the guard and reserve establishments. Separate codes permit the recognition of cadets and ROTC enrollees, and identify civilians as either US direct hire, foreign direct hire, or foreign indirect hire.

c. Appropriation Codes. The Appropriation Resource Identification Code is a four-digit code used to identify all appropriation accounts contained in the President's Budget as well correspond to Treasury-assigned appropriation symbols.

2. The purpose of the resource identification code is to permit identification of the precise kinds of resources included in each element.

3. Each DoD Component submitting data to the DoD FYDP has been assigned codes for use in reporting such data in response to guidance for updating of the FYDP. The assignment of these resource identification codes to program elements allows selection of specific data for analysis and management summary purposes.

4. Authority of the Comptroller, or his designee, must be obtained before any changes to the RIC structure are made. The tables on the following pages assign the specific codes to be used by each DoD Component.

CHAPTER 3

FYDP USAGE

A. The FYDP is used extensively as a data base for many related processes, both internal and external to the Department of Defense. Within the Department, in addition to being the official published results of the Planning, Programming, and Budgeting System process and an operating tool of the DoD manager, it is also widely used as a source of data both for analysis and as an input to alternative ways of displaying and portraying actual and programmed resources. The internal uses include: The Secretary of Defense's Annual Report to the Congress; the Defense Manpower Requirements Reports, and the Defense Planning and Programming Category Reports.

B. Due to the requirement of US law, the President's budget publication of the FYDP, a procurement annex and an R&D annex, all containing the prior, current, and 4 outyears, are provided to various congressional oversight committee staffs and the Congressional Budget Office (CBO). Since the FYDP outyear programs reflect internal planning assumptions, all other data beyond the budget year are not releasable outside the Department of Defense without the expressed written consent of the Under Secretary of Defense (Comptroller), or as specifically provided by US law.

C. The CBO has developed a Defense Resource Model (DRM) for use as an analytical tool in support of alternative levels of defense resources. Following the budget submission to Congress, budget year data are extracted from the FYDP according to CBO specifications, which aggregate program elements and resource identification codes to unclassified summary levels for input to the DRM. Data from the DRM are used by CBO to fulfill the legal requirement for mission-oriented displays under P. L. 93-344 (reference (b)).

APPENDIX A

FORCE RESOURCE IDENTIFICATION CODES

1. ARMY

CODE	TITLE
DIVISIONS	
1010	LIGHT INFANTRY DIVISIONS
1020	AIRBORNE DIVISIONS
1030	AIR ASSAULT DIVISIONS
1040	HEAVY DIVISIONS
1049	HEAVY DIVISIONS (CADRE)
1060	INFANTRY DIVISIONS
1070	INFANTRY (MTZ) DIVISIONS (H)
1080	MECHANIZED DIVISIONS
1090	TRI CAP DIVISION (H)
SEPARATE/BRIGADE/GROUPS/REGIMENTS	
1100	AIRMOBILE BRIGADES-SEP (H)
1110	LIGHT INFANTRY BRIGADES (DIV)
1120	AIRBORNE BRIGADES (DIV)
1130	AIR ASSAULT BRIGADES (DIV)
1140	ARMORED BRIGADES
1150	AIR CAVALRY COMBAT BRIGADES (H)
1160	INFANTRY BRIGADES (DIV)
1161	HEAVY BRIGADE (DIV)
1168	ENHANCED READINESS HEAVY BRIGADES
1169	HEAVY BRIGADES (DIV) (CADRE)
1170	INFANTRY BRIGADES (SEP)
1175	RANGER REGIMENTS
1180	MECHANIZED BRIGADES (H)
1185	SPECIAL FORCES GROUPS
1186	SPECIAL FORCES GROUPS-RES & NG (H)
1190	THEATER DEFENSE BRIGADES (H)
1191	HEAVY SEPARATE BRIGADE
1195	ARMORED CAVALRY REGIMENTS
MANEUVER BATTALIONS/SQUADRONS	
1210	LIGHT INFANTRY BATTALIONS
1215	RECON SQUADRONS (DIV)
1216	RECON BNS (DIV)
1220	AIRBORNE BATTALIONS
1230	AIR ASSAULT BATTALIONS
1240	ARMORED BATTALIONS
1241	LIGHT ARMORED BATTALIONS (H)
1242	COMBINED ARMS BATTALIONS (H)
1244	ARMORED BATTALIONS (CADRE)
1245	ARMORED CAV SQUADRONS (DIV)
1249	ARMORED CAV SQUADRONS (DIV) (CADRE)
1250	INFANTRY SCOUT BATTALIONS
1260	INFANTRY BATTALIONS
1265	INFANTRY BATTALIONS (MOUNTAIN)
1270	INFANTRY (MTZ) BATTALIONS
1275	INFANTRY (RANGER) BATTALIONS
1280	MECHANIZED BATTALIONS
1285	SPECIAL FORCES BATTALIONS
1286	SPECIAL FORCES BATTALIONS-RES & NG (H)
1289	MECHANIZED BATTALIONS (CADRE)
1290	TOW LIGHT ANTI-TANK BATTALIONS
1295	ARMORED CAV SQUADRONS (ACR)
1296	ARMORED CAV TROOPS (SEP)

(H) = Historical

APPENDIX A

FORCE RESOURCE IDENTIFICATION CODES

1. ARMY

CODE	TITLE
ARTILLERY BATTALIONS/SEP BTRY'S	
1300	105MM (T) ARTILLERY BATTALIONS
1310	105MM (T) MLRS BATTALIONS (H)
1320	155MM (SP) BATTALIONS
1325	155 SP BATTERY
1329	155MM (SP) BATTALIONS (CADRE)
1330	155MM (T) ARTILLERY BATTALIONS
1335	155 T BATTERY (LID)
1340	8 INCH ARTILLERY BATTALIONS
1350	155/8 IN ARTILLERY BATTALIONS
1360	175MM ARTILLERY BATTALIONS (H)
1365	8 IN/MLRS BTRY'S (DIV)
1366	8 INCH/MLRS BTRYS (DIV)
1369	MLRS BATTERIES (DIV) (CADRE)
1370	MLRS BATTALIONS
1375	8 IN/MLRS BATTALIONS (H)
1380	TGT ACQ BATTERIES (H)
1385	RPV BATTERIES (H)
1389	TGT ACQ BATTERIES (CADRE)
1390	175/8 IN ARTILLERY BATTALIONS (H)
1395	PERSHING BATTALIONS (H)
1396	LANCE BATTALIONS
1399	FA BDE HQ (EAD)
MILITARY INTELLIGENCE (MI) ENGINEER, SIGNAL UNITS	
1400	MILITARY INTELLIGENCE BATTALIONS (EAC)
1405	MILITARY INTELLIGENCE BATTALIONS (CORPS)
1410	MILITARY INTELLIGENCE BATTALIONS (DIV)
1415	MILITARY INTELLIGENCE COMP (SEP BDE/ACR) (H)
1416	MILITARY INTELLIGENCE COMPANIES (EAC) (H0)
1418	MILITARY INTELLIGENCE (EAD)
1419	MILITARY INTELLIGENCE COMPANIES (EAC) (H)
1420	ENGINEER COMBAT BATTALIONS
1421	ENGINEER COMBAT BATTALIONS (HEAVY)
1422	ENGINEER COMPANIES (SEPARATE) (H)
1423	ENGINEER COMBAT BATTALIONS (DIV)
1424	ENGINEER COMBAT BNS (CORPS)
1425	ENGINEER BRIGADES (THEATER)
1426	ENGINEER BRIGADES (CORPS)
1427	ENGINEER GP/BDE/ENCON (EAD)
1428	ENGINEER BATTALIONS (PRIME POWER)
1429	ENGINEER BATTALIONS (DIV) (CADRE)
1430	ENGINEER BATTALIONS (TOPO)
1440	SIGNAL BATTALIONS (DIV/AREA)
1449	SIGNAL BATTALIONS (DIV) (CADRE)
1450	SIGNAL BATTALIONS (NON-DIV AREA)
1455	SIGNAL BATTALIONS (COMPOSITE)
1460	ENGINEER CONST BATTALIONS (H)
1465	SIGNAL BRIGADES (CORPS) (H)
1470	ENGR BATTALIONS-COMBAT (HEAVY) (H)
1475	SIGNAL COMPANIES (SEPARATE) (H)
GROUPS (H)	
1520	SPECIAL FORCES GROUPS (H)
1550	INFANTRY BATTLE GROUPS (H)
1620	ARMORED CAVALRY REGIMENTS (H)

(H) = Historical

APPENDIX A

FORCE RESOURCE IDENTIFICATION CODES

1. ARMY

CODE	TITLE
SURFACE-TO-SURFACE MISSILE UNITS (H)	
1630	ARMORED CAVALRY SQUADRONS (H)
1640	AIR CAVALRY SQUADRONS (H)
1650	LIGHT INFANTRY RECON. SQUADRONS (H)
1820	REDSTONE MISSILE BATTALIONS (H)
1830	CORPORAL MISSILE BATTALIONS (H)
1840	LACROSSE MISSILE BATTALIONS (H)
1850	SERGEANT MISSILE BATTALIONS (H)
1860	PERSHING MISSILE BATTALIONS (H)
1870	HONEST JOHN MISSILE BATTALIONS (H)
1880	LITTLE JOHN MISSILE BATTALIONS (H)
1890	LANCE MISSILE BATTALIONS (H)
AIR DEFENSE UNITS	
1900	ROLAND AIR DEFENSE BATTALIONS
1910	NIKE AJAZ AIR DEF (H)
1920	NIKE HERCULES AIR DEF BTRYS (H)
1930	SAFEGUARD BALLISTIC MSL DEF BN (H)
1940	HAWK AIR DEFENSE BATTERIES
1941	HAWK BATTALIONS
1942	HAWK BN (EAC)
1950	VULCAN/STINGER AIR DEFENSE BATTERIES
1951	ADA LIGHT BN (DIV)
1952	ADA MANPADS BN (DIV)
1956	VULCAN/CHAPARRAL BATTALIONS (THEATER) (H)
1957	ADA HEAVY BATTALION (DIV)
1958	VULCAN/CHAPARRAL BATTALIONS (THEATER) (H)
1959	ADA HEAVY BATTALIONS (DIV) (CADRE)
1960	CHAPARRAL AIR DEFENSE BTRYS (H)
1961	AVENGER/CHAPARRAL BATTALIONS
1962	ADA BATTALIONS (FAADS) (CORPS)
1970	40MM AIR DEFENSE BATTERIES
1971	ADA GUN BN (CORPS)
1972	ADA BTRY (SEP)
1973	AVENGER BN
1974	ADA AIR BASE DEF (EAC)
1975	AIR DEF BATTALIONS-HEAVY DIVS (H)
1980	PATRIOT AIR DEFENSE BATTERIES
1981	THEATER AIR DEFENSE SYSTEM
1985	THEATER ARMY AIR DEFENSE SYSTEM
1990	SAFEGUARD BALLISTIC SURVL BN (H)
1991	ADA BRIGADE (CORPS)
1992	ADA AIR BRIGADE (EAC)
1995	AIR DEFENSE CMD (THEATER)
AVIATION UNITS	
2010	AVN COS-LIGHT AIRMOBILE (H)
2015	AVIATION BRIGADES HEAVY HELICOPTER (DIV)
2016	AVIATION BDES (DIV)
2019	AVIATION BRIGADES (DIV) (CADRE) (H)
2020	ASSAULT HELICOPTER BATTALIONS
2025	COMMAND AVIATION BATTALIONS
2030	AVN COS, ASSAULT HELICOPTER (H)
2040	ASSAULT HELICOPTER COMPANIES
2045	ASSAULT HELO CO (EAD)

(H) = Historical

APPENDIX A

FORCE RESOURCE IDENTIFICATION CODES

1. ARMY

CODE	TITLE
2049	ASSAULT HELICOPTER COMPANIES (DIV) (CADRE)
2050	AVN COS-AERIAL WEAPONS (H)
2055	COMMAND AVIATION COMPANIES
2059	COMMAND AVIATION COMPANIES (DIV) (CADRE)
2060	ATTACK HELICOPTER BATTALIONS
2069	ATTACK HELICOPTER BATTALIONS (DIV) (CADRE)
2070	AVN BTRYS DIVISION ARTY (H)
2075	MEDIUM HELICOPTER BATTALIONS
2080	AVIATION MAINTENANCE COMPANIES (DIV) (H)
2089	AVIATION MAINTENANCE COMP (DIV) (CADRE) (H)
2090	AVN BTRYS, AERIAL FIELD ARTY (H)
2095	AVIATION MAINTENANCE BATTALIONS (AA DIV) (H)
2100	AVIATION BRIDGES HEAVY HELICOPTER (CORPS)
2101	AVIATION BDES (EAD)
2110	AVN COS, ATTACK HELICOPTER (H)
2113	AR NEW CLASS
2115	AVIATION GROUPS HEAVY HELICOPTER (CORPS)
2116	AVN GRPS (CORPS) (H)
2120	ATTACK GROUPS HEAVY HELICOPTER (CORPS)
2121	ATTACK GPS (CORPS)
2130	AVN COS, AIR CAV TROOPS (H)
2134	CMD AVA CO (CORPS)
2135	COMMAND AVIATION BATTALIONS (CORPS) (H)
2140	MEDIUM HELICOPTER BRIGADE HEAVY HELICOPTER
2141	MEDIUM HELICOPTER COMPANY
2150	AVN COS, AIR AMBULANCE (H)
2155	ASSAULT HELICOPTER BATTALIONS (CORPS) (H)
2160	ATTACK HELICOPTER BATTALIONS (CORPS (H)
2170	AIR RECONNAISSANCE SQUADRONS
2171	AIR RECON SQDN (DIV)
2180	REG AVIATION SQUADRONS
2190	AVN COS-LT HELICOPTER-TRANS (H)
2194	AIR TRAFFIC SVCES (ATS) (BNS) (CORPS)
2195	ATC BATTALIONS HEAVY HELICOPTER (CORPS)
2196	ATC BNS (EAD)
2200	AVIATION MAINTENANCE BATTALIONS HEAVY HELICOPTER (CORPS)
2201	AVN MAINT BN (EAD)
2210	AVN COS, GENERAL SUPPORT (H)
2215	AVIATION BRIGADES HEAVY HELICOPTER THEATER)
2216	AVIATION BDES (THEATER)
2220	AVIATION BATTALIONS HEAVY HELICOPTER (THEATER)
2221	THEATER AVIATION BATTALIONS
2230	AVN COS-INFANTRY BRIGADES (H)
2235	MEDIUM HELICOPTER BATTALION HEAVY HELICOPTER (THEATER) (H)
2236	MEDIUM HELICOPTER BN (EAD)
2240	HEAVY HELICOPTER BATTALIONS
2250	ATTACK HELICOPTER BATTALIONS (THEATER)
2251	ATTACK HELICOPTER BNS (EAD)
2260	ATC COMMUNICATION ZONE COMPANIES
2270	AVIATION MAINTENANCE BATTALIONS HEAVY HELICOPTER (THEATER) (H)

(H) = Historical

APPENDIX A

FORCE RESOURCE IDENTIFICATION CODES

1. ARMY

CODE	TITLE
2280	AVIATION SEC BATTALIONS (THEATER DEFENSE)(H)
2290	AVIATION BATTALIONS HEAVY HELICOPTER (THEATER DIV)
2291	AVN BNS (THEATER DEF) (H)
2300	AERIAL EXPLOITATION BATTALIONS (MIL INTEL)
2310	AVN COS, ASSAULT SPT HELICOPTER (H)
2315	AERO MEDVAC COMPANIES (H)
2330	AVN COS, HEAVY HELICOPTER (H)
2350	AVN COS-FIXED WING TRAN (H)
2370	AVN COS, RADIO RESEARCH (H)
2390	AVN COS, ARMY SECURITY AGCY (H)
2400	AIR CAVALRY SQUADRONS (H)
2510	AVN COS, SURVEILLANCE AIRPLANE (H)
2600	AVIATION BRIGADES (SOA) (H)
2610	AVIATION GROUP (SOA) (H)
2620	AVIATION BATTALIONS (SOA)
2630	AVN COS, ARMY (H)
2640	AVN COS COMMAND AIRPLANE (H)
2650	AVN COS, CORPS (H)
2670	AVN BATTERIES-CORPS ARTILLERY (H)
2680	AVN TROOP, COMBAT SUPPORT (H)
2710	OH-58A ROTARY (H
2715	OH-58C (H)
2720	TH-55A ROTARY WING (H)
2730	UH-1H ROTARY WING (H)
2740	T-42 FIXED WING (H)
2750	U-21 FIXED WING (H)
2760	U-8D FIXED WING (H)
2770	OV-1D FIXED WING (H)
2780	OH-6 ROTARY WING (H)
2790	UH-1M ROTARY WING (H)
2810	AVN COS ENGINEER (H)
2820	AVIATION BATTALIONS-COMBAT (H)
2830	AVN BNS COMBAT SPT AVIATION (H)
2840	AVN BNS MEDIUM HELICOPTER (H)
2850	AVIATION BNS-ATTACH HELICOPTER (H)
2860	AVIATION BATTALIONS-AERIAL FA (H)
2870	AVN BN, AERIAL EXPLOITATION (H)
2910	UH-60 ROTARY WING (H)
2920	TH-1G ROTARY WING (H)
2930	AH-1S ROTARY WING (H)
2940	AH-64 ROTARY WING (H)
2950	CH-47A ROTARY WING (H)
2960	CH-47B ROTARY WING (H)
2970	CH-47C ROTARY WING (H)
2975	OH-47D ROTARY WING (H)
2980	CH-54B ROTARY WING (H)

AIR DEFENSE AND BALLISTIC COMMAND AND CONTROL SYSTEMS-CONAD

3010	COORD CENTERS (AN/TSQ-51) (H)
3020	BIRDIE COORDINATION CENTERS (H)
3030	COORD CENTERS (MSL-MASTERS) (H)
3040	COORD CENTERS (ANT/TSQ-38) (H)
3050	MISSILE SITE RADAR (MSR) (H)
3060	PERIMETER ACQ RADAR (PAR) (H)

(H) = Historical

APPENDIX A

FORCE RESOURCE IDENTIFICATION CODES

1. ARMY

CODE	TITLE
SURFACE TO AIR MISSILES	
4000	NIKE-HERCULES MISSILES (H)
4020	HAWK MISSILES (H)
4130	SPARTAN MISSILES (H)
4140	SPRINT MISSILES (H)
SPECIAL MISSILE PROJECTS	
5010	PROGRAM 505 SYSTEMS (H)
SPECIAL AIRCRAFT PROJECTS	
6310	U-8 AIRCRAFT-PROG-3 (H)

(H) = Historical

APPENDIX A

FORCE RESOURCE IDENTIFICATION CODES

2. NAVY

CODE	TITLE
SHIPS	
1001	CVA JOHN F KENNEDY CLASS (H)
1002	CVA HANCOCK CLASS (H)
1003	CVA MIDWAY CLASS (H)
1004	CVA FORRESTAL CLASS (H)
1005	CVA KITTY HAWK CLASS (H)
1006	CVAN ENTERPRISE CLASS (H)
1007	CVS ASW CARRIERS (H)
1008	CA HEAVY CRUISERS (H)
1009	CAG GUIDED MSL HVY CRUISERS (H)
1012	CLG TALOS-LIGHT CRUISERS (H)
1013	CLG TERRIER-LIGHT CRUISERS (H)
1014	AVB ADV AVIATION BASE SHIPS (H)
1018	DDR RADAR PICKET DESTROYERS (H)
1019	DLG GUIDED MISSILE FRIGATES (H)
1020	DL FRIGATES (H)
1021	DLGN NUC GUIDED MSL FRIGATES (H)
1026	LPR AMPHIB TRANSPORTS-SMALL (H)
1027	LPSS AMPHIB TRANSPORT SUBS (H)
1035	SSG GUIDED MSL SUBMARINES (H)
1037	SSGN NUCLEAR GUIDED MSL SUBS (H)
1039	AGDE ESCORT RESEARCH SHIPS (H)
1040	DE ESCORT SHIPS (H)
1041	DEG GUIDED MSL ESCORTS (H)
1044	PCER RESCUE ESCORT SHIPS (H)
1050	DER RADAR PICKET ESCORTS (H)
1052	AV SEAPLANE TENDERS (H)
1053	AVP AUX SEAPLANE TENDERS (H)
1054	MCS MINE C/M SUPPORT SHIPS (H)
1055	MHC COASTAL MINEHUNTERS
1057	MSC COASTAL MINESWEEPS-NON MAG (H)
1058	MSF FLEET MINESWEEPS-STEEL HULL (H)
1067	AKS STORES ISSUE SHIPS (H)
1073	AGB AUXILIARY ICEBREAKERS (H)
1074	AGMR MAJOR COMM RELAY SHIPS (H)
1076	ARG I/C ENGINE REPAIR SHIPS (H)
1079	CC TACTICAL COMMAND SHIPS (H)
1080	ADG DEGAUSSING SHIPS (H)
1088	ANL NET LAYING SHIPS (H)
1093	ARL REPAIR SHIP-SMALL
1095	ARSD SALVAGE LIFTING SHIPS (H)
1097	ATA AUXILIARY OCEAN TUGS (H)
1099	AVS AVIATION SUPPLY SHIPS (H)
1108	AH HOSPITAL SHIPS (H)
1109	APB SELF-PROP BARRACKS SHIPS (H)
1110	AKL LIGHT CARGO SHIPS (H)
1117	AK FBM CARGO SHIPS (H)
1160	LFR INSHORE FIRE SPT SHIPS (H)
1200	BB BATTLESHIPS (IOWA CLASS)
1302	AH 19 CLASS
1309	IX MISC AUXILIARIES (H)
1342	PC PATROL CRAFT (H)
1343	PCE ESCORT PATROL CRAFT (H)
1344	PC NEW CLASS
1346	PCS SUB PATROL CRAFT (H)
1356	MSCO COASTAL MINESWEEPS-OLD (H)
1600	AD DESTROYER TENDERS (H)
1601	AD 14 DIXIE CLASS

(H) = Historical

APPENDIX A

FORCE RESOURCE IDENTIFICATION CODES

2. NAVY

CODE	TITLE
1602	AD 26 SHENANDOAH CLASS
1603	AD 37 SAMUEL GOMPERS CLASS
1604	AD 41 YELLOWSTONE CLASS
1605	AD 45 HUNLEY CLASS
1620	AE AMMUNITION SHIPS (H)
1621	AE 191 CLASS
1625	AE 21 SURIBACHI CLASS
1626	AE 23 NITRO CLASS
1627	AE 26 KILAUEA CLASS
1628	AE EX C2 CLASS
1629	AE NEW CLASS
1630	ARVH ACFT REPAIR SHIP-HELO (H)
1631	ADCX
1640	AF STORE SHIPS (H)
1642	AF 58 RIGEL CLASS
1650	AFS COMBAT STORE SHIPS (H)
1651	AFS 1 MARS CLASS
1652	AFS 8 SIRIUS CLASS
1671	ALS 1 CLASS
1719	AP TRANSPORTS (MIL MANNED) (H)
1720	AP TRANSPORTS (CIV MANNED) (H)
1721	AP 1000 CLASS
1722	AK LARGE CARGO SHIPS (H)
1723	AK MEDIUM CARGO SHIPS (H)
1724	AF MEDIUM STORE SHIPS (H)
1725	AF SMALL STORE SHIPS (H)
1726	AKV CARGO/AIRCRAFT FERRIES (H)
1729	LSM MEDIUM LANDING SHIPS (H)
1730	AKD CARGO SHIP DOCK (H)
1743	APC SMALL COASTAL TRANSPORTS (H)
1800	AGDS AUX DEEP SUBMERG SUPPSHIP (H)
1801	AGDS 2 POINT LOMA CLASS
1810	AGEH HYDROFOIL RESEARCH SHIPS (H)
1820	AGF FLEET TAC COMMAND SHIPS (H)
1821	AGF 3 LASALLE CLASS
1822	AGF 11 CORONADO CLASS
1823	AGF 41 CLASS
1830	AGFF FRIGATE RESEARCH SHIPS (H)
1831	AGFF 1 GLOVER CLASS (H)
1840	AGM MISRAN INSTRUM SHIPS (H)
1841	AGM 1 RANGE TRACKER CLASS
1842	AGM 9 GEN H H ARNOLD CLASS
1843	AGM 19 VANGUARD CLASS
1844	AGM 22 RANGE SENTINEL CLASS
1845	AGM 23 OBSERVATION ISLAND CLASS
1879	AGOR 23 CLASS
1880	AGOR OCEANOGRAPHIC RSCH SHP (H)
1881	AGOR 3 CONRAD CLASS
1882	AGOR 8 ELTANIN CLASS
1883	TAG-195 HAYES CLASS
1884	AGOR 21 GYRE CLASS
1885	AGOR 14 MELVILLE CLASS
1890	AGOS 19 VICTORIOUS CLASS
1891	AGOS 1 STALWART CLASS
1892	AGOS 13 CLASS
1893	AGOS 23 CLASS
1894	AGOS NEW CLASS
1900	AGP PATROL CRAFT TENDER (H)

(H) = Historical

APPENDIX A

FORCE RESOURCE IDENTIFICATION CODES

2. NAVY

CODE	TITLE
1930	AGSS AUXILIARY SUBMARINES (H)
1931	AGSS 555 DOLPHIN CLASS
1932	AGSS 563 TANG CLASS (H)
1940	AGS SURVEYING SHIPS (H)
1941	AGS 38 H H HESS CLASS
1942	AGS 21 BOWDITCH CLASS
1943	AGS 26 SILAS BENT CLASS
1944	AGS 29 CHAUVENET CLASS
1945	AGS 39 MAURY CLASS
1946	AGS 51 MCDONNELL CLASS
1947	AGS COASTAL CLASS
1948	AGS OCEAN CLASS
1949	AGS 45 CLASS
1952	AGS 60 CLASS
1953	AGS 61 CLASS
1960	AG MISC AUXILIARIES (H)
1961	AG 153 COMPASS ISLAND CLASS (H)
1962	AG 164 KINGSPORT CLASS
1964	AG 194 VANGUARD CLASS
1965	AGX CLASS
1989	AKR RRI CLASS
1990	AK C3546A CLASS
1991	AK C35S6B CLASS
1992	AK C3S764 CLASS
1993	AK C3ST14A CLASS
1994	AK C4S1W CLASS
1995	AK C4S66A CLASS
1996	AK C9S82A CLASS
1997	AK CONTAINER CLASS
1998	AKR 0295 CLASS
1999	AKR 0300 CLASS
2001	AK 284 NORTHERN LIGHT CLASS
2002	AK-C337 CLASS
2003	AK-C466 CLASS
2004	AK C346 CLASS
2005	AK C4S690B COLORADO CLASS
2006	AK-C4 CLASS
2007	AK 458 CLASS
2008	AK NOTIONAL SURGE EXPANSION
2009	AK 314 CLASS
2010	AK 467 CLASS
2011	AK C79 CLASS
2013	AKR C795 CLASS
2014	AKR C795A CLASS
2015	AK CARGO SHIPS (H)
2016	AK NEW CHARTER
2017	AK 286 VEGA CLASS
2018	AKR 5069 CLASS
2019	AK 277 SCHUYLER BLAND CLASS (H)
2020	AK-C882 CLASS
2021	AK 237 GREENVILLE VICTORY CLASS
2022	AK UNDESIGNATED (BREAK BULK) CLASS
2023	AK 255 PVT LEONARD C BROSTROM CLASS
2024	AK 271 MIRFAR CLASS (H)
2025	AK 279 NORWALK CLASS
2026	AK C5 SEABRIDGE CLASS
2027	AK C457 CLASS
2028	AK C464 CLASS

(H) = Historical

APPENDIX A

FORCE RESOURCE IDENTIFICATION CODES

2. NAVY

CODE	TITLE
2029	AK EX C4 CLASS
2030	AKR VEHICLE CARGO SHIPS (H)
2031	AKR 1001 CLASS
2032	AKR 7 COMET CLASS
2033	AKR 9 METEOR CLASS
2034	AKRX 1 SEA LAND CLASS
2035	AKR 10 MERCURY CLASS
2036	AK 3000 MPS CLASS
2037	ARK 112 LYRE CLASS
2038	AKR 2044 AMERICAN EAGLE CLASS
2039	AKR 5066 CAPE HUDSON CLASS
2040	AOT TRANSPORT OILER (H)
2041	AOT 168 SEALIFT PACIFIC CLASS
2042	AOT 181 POTOMAC CLASS
2043	AOT 182 COLUMBIA CLASS
2044	AOT 149 MAUMEE CLASS
2045	AOT T-698 CLASS
2046	AOT 3009 CLASS
2047	AOT 1208 MODIFIED SEALIFT CLASS
2048	AOT-1201 SUN CLASS
2049	AOT 1202 TRADER CLASS
2050	AO OILER (H)
2051	AO 22 CIMARRON CLASS (H)
2052	AO 51 JUMBO ASHTABULA CLASS
2053	AO 105 JUMBO MISPILLION CLASS
2054	AO 143 NEOSHO CLASS
2056	AO 165 AMERICAN EXPLORER CLASS (H)
2057	AO-XT2E CLASS
2058	AO 177 CIMARRON CLASS
2059	AO 187 HENRY J. KAISER CLASS
2060	AOT MULTI-PURPOSE (MSC)
2070	AOT 1203 OVERSEAS CLASS
2071	AOT 1210 T-5 REPLACEMENT CLASS
2080	AOE FAST COMBAT SPT SHIPS (H)
2081	AOE 1 SACRAMENTO CLASS
2082	AOE 6 CLASS
2085	AOE VARIANT
2090	AK-C881 CLASS
2091	AOG 77 RINCON CLASS
2092	AOG 81 ALATNA CLASS
2100	AOR FLEET REPLN OILER (H)
2101	AOR 1 WICHITA CLASS
2110	AR REPAIR SHIPS (H)
2111	AR 5 VULCAN CLASS
2120	ARC CABLE LAY/REPAIR SHIPS (H)
2122	ARC 2 NEPTUNE CLASS
2123	ARC 3 AEOLUS CLASS
2124	ARC 6 ALBERT J MYER CLASS
2125	ARC 7 ZEUS CLASS
2130	ARS SALVAGE SHIPS (H)
2131	ARS 6 ESCAPE CLASS
2132	ARS 38 BOLSTER CLASS
2133	ARS 50 SAEGUARD CLASS
2150	AS NON-FBM SUBMARINE TENDERS (H)
2151	AS 11 FULTON CLASS
2152	AS 36 L Y SPEAR CLASS
2153	AS 39 EMORY S LAND CLASS
2160	AS FBM SUBMARINE TENDERS (H)

(H) = Historical

APPENDIX A

FORCE RESOURCE IDENTIFICATION CODES

2. NAVY

CODE	TITLE
2161	AS 19 PROTEUS CLASS
2162	AS 31 HUNLEY CLASS
2163	AS 33 SIMON LAKE CLASS
2170	LX NEW CLASS
2180	ASR SUBMARINE RESCUE SHIPS (H)
2181	ASR 7 CHANTICLEER CLASS
2182	ASR 21 PIGEON CLASS
2245	PCH HYDROFOIL PATROL BOATS (H)
2249	AGR RADAR PICKET SHIPS (H)
2261	MSS SPECIAL MINESWEEPERS (H)
2284	AGSC COASTAL SURVEYING SHIPS (H)
2286	AGER ENVIRONMENTAL RES SHIPS (H)
2290	FOREIGN DESIGN (H)
2310	ATF FLEET OCEAN TUGS (H)
2311	ATF 67 APACHE CLASS (H)
2312	ATF 81 BANNOCK CLASS (H)
2313	ATF 96 ABNAKI CLASS
2314	ATF 148 ACHOMAWI CLASS
2315	ATF 166 POWHATAN CLASS
2330	ATS SALVAGE TUG/RESCUE SHIPS (H)
2331	ATS 1 EDENTON CLASS
2348	PTF FAST PATROL CRAFT (H)
2350	AGTR TECHNICAL RESEARCH SHIPS (H)
2360	PGH PATROL GUNBOAT-HYDRO (H)
2370	AVM GUIDED MISSILE SHIPS (H)
2371	AVM 1 NORTON SOUND CLASS
2380	ACS 1 KEYSTONE STATE CLASS
2381	ACS 7 DIAMOND STATE CLASS
2382	ACS 4 GOPHER STATE CLASS
2383	ACS 9 CLASS
2400	CG GUIDED MISSILE CRUISERS (H)
2401	CG 4 LITTLE ROCK CLASS (H)
2402	CG 10 ALBANY CLASS (H)
2403	CG 16 LEAHY CLASS
2404	CG 26 BELKNAP CLASS
2405	CG 27 JOSEPHUS DANIELS CLASS
2406	CG 47 TICONDEROGA CLASS
2430	CGN NUC GUIDED MSL CRUISERS (H)
2431	CGN 9 LONG BEACH CLASS
2432	CGN 25 BAINBRIDGE CLASS
2433	CGN 35 TRUXTON CLASS
2434	CGN 38 VIRGINIA CLASS
2435	CGN 36 CALIFORNIA CLASS
2502	CV 41 MIDWAY CLASS
2503	CV 59 FORRESTAL CLASS
2504	CV 63 KITTY HAWK CLASS
2505	CV 67 JOHN F KENNEDY CLASS
2541	CVN 65 ENTERPRISE CLASS
2542	CVN 68 NIMITZ CLASS
2580	AVT 16 LEXINGTON CLASS
2581	AVT 43 CORAL SEA CLASS
2582	AVT 59 CLASS
2600	DD DESTROYERS (H)
2601	DD 710 GEARING FRAM MK I CLASS
2602	DD 825 CARPENTER FRAM MK I CL
2603	DD 931 FORREST SHERMAN CLASS
2604	DD 945 HULL CLASS
2605	DD 963 SPRUANCE CLASS

(H) = Historical

APPENDIX A

FORCE RESOURCE IDENTIFICATION CODES

2. NAVY

CODE	TITLE
2640	DDG GUIDED MSL DESTROYERS (H)
2641	DDG 2 CHARLES F ADAMS CLASS
2642	DDG 31 DECATUR CLASS
2644	DDG 37 FARRAGUT CLASS
2646	DDG 51 ARLEIGH BURKE CLASS
2647	DDG 993 KIDD CLASS
2700	FF FRIGATES (H)
2701	FF 1037 BRONSTEIN CLASS
2702	FF 1040 GARCIA CLASS
2703	FF 1052 KNOX CLASS
2704	FF 1098 GLOVER CLASS
2731	FFG 1 BROOKE CLASS
2732	FFG 7 OLIVER HAZARD PERRY CLASS
2735	FFT CLASS
2750	LCC AMPHIB COMMAND SHIPS (H)
2751	LCC 19 BLUE RIDGE CLASS
2761	LHA 1 TARAWA CLASS
2766	LHD 1 CLASS
2770	LKA AMPHIB CARGO SHIPS (H)
2771	LKA 112 TULARE CLASS (H)
2772	LKA 113 CHARLESTON CLASS
2780	LPA AMPHIB TRANSPORTS (H)
2781	LPA 248 PAUL REVERE CLASS (H)
2782	LPA 249 FRANCIS MARION CLASS (H)
2790	LPD AMPHIB TRANSPORT DOCKS (H)
2791	LPD 1 RALEIGH CLASS
2792	LPD 4 AUSTIN CLASS
2800	LPH AMPHIB ASSAULT SHIPS (H)
2801	LPH 2 IWO JIMA CLASS
2810	LSD DOCK LANDING SHIPS (H)
2811	LSD 28 THOMASTON CLASS
2812	LSD 36 ANCHORAGE CLASS
2813	LSD 41 WHIDBEY CLASS
2814	LSD 41 VARIANT CLASS
2830	LST TANK LANDING SHIPS (H)
2831	LST 1179 NEWPORT CLASS
2840	MHC VARIANT
2851	MCM 1 AVENGER CLASS
2880	MSO OCEAN MINESWEEPS-NON MAG (H)
2881	MSO 422 AGGRESSIVE CLASS
2882	MSO 428 DASH CLASS
2883	MSO 508 ACME CLASS
2886	MHC 51 CLASS
2900	PG PATROL GUNBOATS (H)
2902	PG 92 TACOMA CLASS
2921	PHM 1 PEGASUS CLASS
2924	PATROL COMBATANT MISSILE
2925	PCM A CLASS
2941	SSAG 567 GUDGEON CLASS
2950	SS SUBMARINES (H)
2951	SS 563 TANG CLASS
2953	SS 574 GRAYBACK CLASS
2954	SS 580 BARBEL CLASS
2955	SS 576 DARTER CLASS
2960	SSBN FBM SUB NUCLEAR)H)
2961	SSBN 598 GEORGE WASHINGTON CLASS
2962	SSBN 608 ETHAN ALLEN CLASS
2963	SSBN 616 LAFAYETTE CLASS

(H) = Historical

APPENDIX A

FORCE RESOURCE IDENTIFICATION CODES

2. NAVY

CODE	TITLE
2964	SSBN 627 JAMES MADISON CLASS
2965	SSBN 640 BENJAMIN FRANKLIN CLASS
2970	SSBN TRIDENT
2980	SSN NUCLEAR SUBMARINES (H)
2981	SSN 571 NAUTILUS CLASS (H)
2982	SSN 575 SEAWOLF CLASS
2983	SSN 578 SKATE CLASS
2984	SSN585 SKIPJACK CLASS
2986	SSN 594 PERMIT CLASS
2987	SSN 597 TULLIBEE CLASS
2988	SSN 637 STURGEON CLASS
2989	SSN 671 NARWHAL CLASS
2990	SSN 685 GLENARD P LIPSCOMB CLASS
2991	SSN 688 LOS ANGELES CLASS
2992	SSN 21 CLASS
2993	SSN 598 GEORGE WASHINGTON CLASS
2994	SSN 608 ETHAN ALLEN CLASS
2995	SSN 640 BENJAMIN FRANKLIN CLASS
2996	SSN NEW CLASS
3030	SOSUS FACILITIES
3035	SOSUS COMMAND/EVAL CENTERS
3040	COLOSSUS (H)
AIRCRAFT	
4000	AF-1 (H)
4001	AF-9 (H)
4002	AP-2 (H)
4037	A-1 (H)
4038	A3 (H)
4039	A-3B
4040	A-4 (H)
4041	A-4E
4042	A-4F
4052	A-4M
4060	A-5 (H)
4061	A-6 (H)
4064	A-6E
4065	A-6F
4066	A-6G
4068	A-7A
4069	A-7B
4071	A-7C
4072	A-7E
4073	FA-18 (ATTACK
4074	A-12
4075	A-14 PLUS
4080	AV-8B (H)
4081	AV-8B
4082	AV-8C
4083	NAV-8B
4100	F-1 (H)
4101	F-3 (H)
4105	F-5F
4106	F-5E
4107	F-6 (H)
4108	F-8 (H)
4110	F-9 (H)
4111	F-11 (H)

(H) = Historical

APPENDIX A

FORCE RESOURCE IDENTIFICATION CODES

2. NAVY

CODE	TITLE
4112	F-14A
4113	F-14D
4114	F-16N
4115	F-21A
4116	F-14B
4120	F-8J
4131	F-4 (H)
4133	F-4J
4135	F-4N
4143	F-4S
4150	FA-18A
4151	FA-18B
4152	FA-18C
4153	FA-18D
4154	FA-18E
4155	FA-18K
4200	P-2 (H)
4201	P-5 (H)
4202	P-3A
4204	P-3B
4205	P-3C
4206	P-3G
4207	P-3D
4250	SC-47 (H)
4254	SP-5 (H)
4255	SP-2 (H)
4260	S-2 (H)
4261	S-2D
4268	S-3A
4269	S-3B
4305	RC-12F
4309	AC-12M
4310	RC-45 (H)
4311	RS-2 (H)
4312	RF-9 (H)
4315	RA-5C (H)
4316	RFA-18
4330	RA-3 (H)
4331	RA-3B
4340	RF-4B
4341	RF-8 (H)
4342	RF-8G
4350	RP-3A
4351	RP-3D
4400	TC-117D (H)
4401	TC-47 (H)
4402	TC-4C
4403	TC-130C
4404	TC-130Q
4410	TP-2 (H)
4411	TP-3A
4430	TF-10 (H)
4431	TF-11 (H)
4432	TF-4 (H)
4433	TF-8 (H)
4434	TF-9 (H)
4435	TFA-18
4436	TF-16N

(H) = Historical

APPENDIX A

FORCE RESOURCE IDENTIFICATION CODES

2. NAVY

CODE	TITLE
4440	T-1 (H)
4441	T-2
4443	T-2C
4444	T-28B
4445	T-28C
4446	T-29B (H)
4447	T-29C (H)
4448	TA-3B
4449	TA-4 (H)
4450	TA-4F
4451	TA-4J
4452	TA-7C
4453	T-33 (H)
4454	T-38B
4455	T-38A
4456	NTA-4J
4460	T-39D
4465	TAV-8A
4466	TAV-8B
4470	T-34C
4471	T-34B
4472	T-39K
4475	T-44A
4476	T-45B
4477	T-45A
4478	T-45D
4479	J-PATS
4480	TE-2A
4481	TE-2C
4483	T-47A
4490	TS-2A (H)
4500	EA-1 (H)
4501	EC-1 (H)
4503	EKA-3 (H)
4504	EF-4B (H)
4505	EF-4J
4506	EA-3 (H)
4507	EA-3B
4509	ERA-3B
4514	EA-4F
4515	ES-2D
4516	ESC-X
4517	ES-3A
4521	EA-6A
4522	EA-6B
4523	EA-7L
4525	EP-2H
4530	EC-121 (H)
4531	EC-121K (H)
4535	EC-130 (H)
4536	EC-130G
4537	EC-130Q
4538	ECX
4540	EP-3A
4541	EP-3B
4542	EP-3E
4544	EP-35
4551	E-2 (H)

(H) = Historical

APPENDIX A

FORCE RESOURCE IDENTIFICATION CODES

2. NAVY

CODE	TITLE
4555	E-2B
4559	E-2C
4565	E-1B (H)
4600	UC-45 (H)
4601	U-1 (H)
4602	UB-26 (H)
4604	U-3B (H)
4605	U-3A (H)
4606	U-6A (H)
4607	U-9D
4608	U-8F
4609	U-8G
4610	UA-3B
4612	U-11A
4613	UC-8A
4614	UC-27
4615	UC-12B
4616	UC-880
4617	UC-12F
4618	UC-12M
4620	UP-3A
4621	UP-3B
4622	NP-3C
4623	NP-3D
4625	US-3A
4644	US-2 (H)
4645	US-2A (H)
4646	US-2B
4647	US-2C

CODE	TITLE
4650	OP-2 (H)
4652	OA-4M
4653	O-2A
4655	OV-10A
4657	OV-10D
4672	VC-54 (H)
4680	VC-117 (H)
4681	VC-118B
4682	VA-3 (H)
4683	VP-3A
4684	VPX
4687	VTXTS
4700	C-117 (H)
4701	C-117 D
4702	C-118B
4703	C-119 (H)
4705	C-47 (H)
4707	C-54 (H)
4708	C-121 (H)
4709	C-130T
4710	C-130 (H)
4711	C-130F
4712	C-131 (H)
4715	C-131F
4716	C-131G
4717	C-131H
4731	CT-39E
4732	CT-39G
4734	C-1A

(H) = Historical

APPENDIX A

FORCE RESOURCE IDENTIFICATION CODES

2. NAVY

CODE	TITLE
4751	C-2A
4752	C-3 (H)
4755	C-20
4756	C-2B
4757	C-20G
4758	C-9B
4759	CP-3A
4760	DC-9
4761	EX
4800	KA-3B
4801	KA-6D
4805	KC-130F
4808	KC-135A
4809	KC-X
4810	KS-3A
4821	WC-121 (H)
4822	WP-3 (H)
4824	MP-2 (H)
4825	DRONE AIRCRAFT
4826	DT-2C
4827	TEST/PROTOTYPE/EXPERIMENTAL
4829	LC-130R
4830	LC-130F
4831	LC-130 (H)
4832	MF-1 (H)
4833	LBT
5000	UH-1 (H)
5004	UH-1N
5005	UH-1E
5006	UH-1H (H)
5007	UH-1L
5008	UH-13 (H)
5009	UH-19 (H)
5010	UH-2 (H)
5013	UH-25 (H)
5014	UH-34 (H)
5016	UH-3A
5017	UH-43 (H)
5018	UH-3H
5021	UH46 (H)
5022	UH-46A
5023	UH-46D
5025	UH-60A
5100	CH-19 (H)
5110	CH-46 (H)
5111	CH-46 (A)
5112	CH-46E
5113	CH-46D
5114	VRH
5115	C-46F
5130	CH-53 (H)
5131	CH-53A
5132	CH-53D
5133	CH-53E
5134	CV HELO
5200	SH-34 (H)
5210	SH-2 (H)
5211	SH-2D

(H) = Historical

APPENDIX A

FORCE RESOURCE IDENTIFICATION CODES

2. NAVY

CODE	TITLE
5212	SH-2F
5213	SH-2G
5214	NSH-60B
5215	NSH-60F
5220	SH-3A
5221	SH-3D
5222	SH-3G
5223	SH-3H
5225	SH-60B
5226	SH-60 ( )
5227	SH-60R
5228	JSH-2F
5230	JSH-60B
5250	MH-53E
5300	HU-16 (H)
5301	HH-1K
5302	HH-1N
5303	HH-60D
5310	HH-2 (H)
5311	HH-2D
5320	HH-3A
5330	HH-46A
5331	HH-46D
5332	HH-60A
5350	HU-16D (H)
5400	TH-1
5402	TH-1L
5406	TH-13 (H)
5410	TH-57A
5411	TH-57B
5412	TH-57C
5500	AH-1G
5503	AH-1J
5506	AH-1T
5507	AH-1W
5510	NVA-3A
5550	VH-34 (H)
5560	VH-3A
5561	VH-60A
5564	JVX
5600	RH-3 (H)
5601	RH-53D
5651	LH-34 (H)
5655	MV-22

MISCELLANEOUS ACTIVITIES

6001	RECEIVER SITES
6002	TRANSMITTER SITES
6003	NAVY MOBILE CONSTRUCTION BNS
6004	ROTHR SYSTEMS
8001	HEAVY ARTILLERY ROCKET BNS (H)

(H) = Historical

APPENDIX A

FORCE RESOURCE IDENTIFICATION CODES

3. MARINE CORPS

CODE	TITLE
AIRCRAFT	
4000	AF-1 (H)
4037	A-1 (H)
4040	A-4 (H)
4041	A-4E
4042	A-4F
4052	A-4M
4061	A-6 (H)
4064	A-6E
4065	A-6F
4066	A-6G
4074	A-12
4080	AV-8A
4081	AV-8B
4082	AV-8C
4083	NAV-8B
4105	F-5F
4106	F-5E
4107	F-6 (H)
4108	F-8 (H)
4115	F-21A
4131	F-4 (H)
4133	F-4J
4135	F-4N
4143	F-4S
4150	FA-18A
4151	FA-18B
4152	FA-18C
4153	FA-18D
4155	FA-18K
4207	P-3D
4309	AC-12M
4310	RC-45 (H)
4316	RFA-18
4340	RF-4B
4341	RF-8 (H)
4342	RF-8G
4400	TC-117D (H)
4402	TC-4C
4403	TC-130C
4411	TP-3A
4433	TF-8 (H)
4434	TF-9 (H)
4435	TFA-18
4440	T-1 (H)
4441	T-2 (H)
4444	T-28B
4445	T-28C (H)
4449	TA-4 (H)
4450	TA-4F
4451	TA-4J
4453	T-33 (H)
4757	C-20G
4460	T-39D
4465	TAV-8B
4466	T-34C
4470	T-AV8B
4479	J-PATS

(H) = Historical

APPENDIX A

FORCE RESOURCE IDENTIFICATION CODES

3. MARINE CORPS

CODE	TITLE
4490	TS-2A
4502	EF-10 (H)
4521	EA-6A
4522	EA-6B
4600	UC-45 (H)
4612	U-11A
4615	UC-12B
4617	UC-12F
4622	NP-3C
4623	NP-3D
4644	US-2 (H)
4645	US-2A (H)
4646	US-2B
4651	0-1 (H)
4652	OA-4M
4655	OV-10A
4657	OV-10D
4672	VC-54 (H)
4680	VC-117 (H)
4681	VC-118B
4700	C-117 (H)
4701	C-117D
4702	C-118B
4703	C-119 (H)
4705	C-47 (H)
4707	C-54 (H)
4712	C-131 (H)
4715	C-131F
4716	C-131G
4730	CT-39 (H)
4731	CT-39E
4732	CT-39G
4734	C-1A
4751	C-2A
4758	C-9B
4801	KA-6D
4805	KC-130F
4806	KC-130R
4807	KC-13OT
4808	KC-135A
4809	KC-X
4827	TEST/PROTOTYPE/EXPERIMENTAL
5000	UH-1 (H)
5004	UH-1N
5005	UH-1E
5010	UH-2 (H)
5014	UH-34 (H)
5018	UH-3H
5021	UH-46 (H)
5025	UH-60A
5100	CH-19 (H)
5102	CH-37 (H)
5110	CH-46 (H)
5111	CH-46A
5112	CH-46E
5113	CH-46D
5114	URH
5115	C-46F

(H) = Historical

APPENDIX A

FORCE RESOURCE IDENTIFICATION CODES

3. MARINE CORPS

CODE	TITLE
5130	CH-53 (H)
5131	CH-53A
5132	CH-53D
5133	CH-53E
5135	CH-60
5200	SH-34 (H)
5214	NSH-60B
5215	NSH-60F
5220	SH-3A
5222	SH-3G
5227	SH-60R
5250	MH-53E
5300	HH-46A
5301	HH-1K
5302	HH-1N
5330	HH-46A
5331	HH-46D
5350	HU16D
5500	AH-1G
5503	AH-1J
5506	AH-1T
5507	AH-1W
5510	NVH-3A
5550	VH-34 (H)
5560	VH-3A
5561	VH-60A
5562	VH-3D
5563	VH-1N
5564	JVX
5601	RH-53D
5650	OH-43 (H)
5655	MV-22
8000	MARINE DIVISIONS
8001	COMBINED ARMS REGIMENT
8002	MARINE TANK BATTALIONS
8003	MC LT ANTIAIRCRAFT MSL BNS (HAWK)
8004	MARINE ASSAULT AMPHIBIOUS BNS
8005	MARINE AIR WINGS
8006	VMCJ AIRCRAFT (H)
8007	HEADQUARTERS BATTALIONS
8008	INFANTRY REGIMENTS
8009	INFANTRY BATTALIONS
8010	ARTILLERY REGIMENTS
8011	ARTILLERY BATTALIONS
8012	RECONNAISSANCE BATTALIONS
8013	COMBAT ENGINEER BATTALIONS
8014	TRACK VEHICLE BATTALIONS
8015	HEADQUARTERS MARINE BRIGADE
8016	COMMUNICATIONS BATTALIONS
8017	ANGLICO
8018	TOPOGRAPHIC PLATOON
8019	FORCE RECONNAISSANCE COMPANIES
8020	RADIO BATTALIONS
8021	FORCE SERVICE SUPPORT GROUP
8022	HEADQUARTERS + SERVICE BATTALIONS
8023	MAINTENANCE BATTALIONS
8024	SUPPLY BATTALIONS
8025	MOTOR TRANSPORT BATTALIONS

(H) = Historical

APPENDIX A

FORCE RESOURCE IDENTIFICATION CODES

3. MARINE CORPS

CODE	TITLE
8026	ENGINEER SUPPORT BATTALIONS
8027	MEDICAL BATTALIONS
8028	LANDING SUPPORT BATTALIONS
8029	DENTAL BATTALIONS
8030	CIVIC AFFAIRS GROUP
8031	LIGHT ARMORED INFANTRY BN
8032	LIGHT ARMORED RECONNAISSANCE BN
8033	MARINE AIR DEFENSE
8034	HEALTH SERVICE BN
8035	MAINTENANCE SUPPLY BN
8036	SUPPORT BN
8037	BASE SUPPORT BN

(H) = Historical

APPENDIX A

FORCE RESOURCE IDENTIFICATION CODES

4. AIR FORCE

CODE	TITLE
PAA AIRCRAFT	
2000	A-1 (H)
2001	A-7
2002	A-10
2003	A-26 (H)
2004	A-37
2005	A-12
2006	A-12A
2007	ATARS
2101	B-26 (H)
2102	B-47 (H)
2104	B-52
2105	B-57 (H)
2106	B-58 (H)
2107	B-66 (H)
2108	FB-111
2110	B-1
2111	B-2
2115	EB-57
2132	EB-47
2137	EB-66 (H)
2138	EF-111A
2153	KB-50 (H)
2162	RB-47 (H)
2163	RB-50 (H)
2165	RB-57
2167	RB-66 (H)
2172	WB-47 (H)
2173	WB-50 (H)
2175	WB-57 (H)
2190	C-12
2191	C-17
2192	C-18
2193	C-20
2194	C-21
2195	C-22
2196	C-23
2197	C-STOL
2198	WBCD
2200	C-5
2201	C-7
2202	C-9
2203	C-46 (H)
2204	C-47 (H)
2205	C-54 (H)
2206	C-97 (H)
2207	C-118 (H)
2208	C-119 (H)
2209	C-121 (H)
2210	C-26A
2211	C-29A
2214	AC-47 (H)
2218	AC-119 (H)
2228	RC-119 (H)
2234	EC-47 (H)
2239	EC-121 (H)
2245	HC-54 (H)
2246	HC-97 (H)
2256	KC-97 (H)
2264	RC-47 (H)

(H) = Historical

APPENDIX A

FORCE RESOURCE IDENTIFICATION CODES

4. AIR FORCE

CODE	TITLE
2269	RC-121 (H)
2284	VC-47 (H)
2300	C-123
2301	C-124 (H)
2302	C-130
2303	C-131
2304	C-133 (H)
2305	C-135
2306	EC-137
2307	C-141
2308	C-X
2309	C-5A
2310	AC-123 (H)
2312	AC-130
2313	C-22A
2314	CV-22A
2315	MV-22A
2316	C-32A
2332	EC130
2335	EC-135
2342	HC-130
2355	KC-135
2356	KC-10A
2357	TTB
2362	RC-130 (H)
2365	RC-135
2372	WC-130
2375	WC-135
2382	DC-130
2383	VC-131 (H)
2385	C-137
2386	VC-137 (H)
2387	C-140
2388	CYYY
2390	UC-123
2400	F-4
2401	F-5
2402	F-15
2403	F-84 (H)
2404	F-86 (H)
2405	F-89 (H)
2406	F-100 (H)
2407	F-101
2408	F-102 (H)
2409	F-104
2410	F-15E
2411	FATF
2412	F-117A
2413	F-22
2414	F-23
2460	RF-4
2461	RF-5 (H)
2463	RF-84 (H)
2467	RF-101 (H)
2470	TR-1
2500	F-105
2501	F-106
2502	F-111
2504	F-16
2505	F-20

(H) = Historical

APPENDIX A

FORCE RESOURCE IDENTIFICATION CODES

4. AIR FORCE

CODE	TITLE
2506	CF
2507	F-16 INTERCEPTOR
2601	H-3 (H)
2603	H-34 (H)
2621	CH-3
2622	CH-21 (H)
2625	CH-53
2626	CH-48
2640	HH-1 (H)
2641	HH-3
2643	HH-34 (H)
2644	HH-43 (H)
2645	HH-53
2680	TH-1
2690	UH-1
2691	UH-60A
2692	HH-60D
2693	UH-34 (H)
2700	0-1 (H)
2701	0-2
2702	OV-10
2703	T-28 (H)
2704	3270500
2705	T-33 (H)
2706	T-37
2707	T-38(DACT)
2708	T-39
2709	T-41
2710	C-21A
2711	C-12F
2712	T-43
2713	T-46
2714	TG-7
2715	JPATF
2716	T-3A
2800	U-2
2801	U3 (H)
2802	U-4 (H)
2803	U-6 (H)
2804	U-10 (H)
2808	U-17 (H)
2809	RG-8
2810	U-26
2820	G-4
2845	HU-16 (H)
2900	VC-6 (H)
2901	C-117
2902	VC-140 (H)
2903	E-3
2904	E-4
2905	SR-71
2906	E-8
2907	VC-9C (H)
2908	UV-18
2909	VCX
2911	E-9

POSSESSED UE AIRCRAFT

3105	B-57 (H)
3208	C-119 (H)

(H) = Historical

APPENDIX A

FORCE RESOURCE IDENTIFICATION CODES

4. AIR FORCE

CODE	TITLE
3209	C-121 (H)
3256	KC-97 (H)
3301	C-124 (H)
3403	F-84 (H)
3404	F-86 (H)
3405	F-89 (H)
3406	F-100 (H)
3408	F-102 (H)
3409	F-104 (H)
3463	RF-84 (H)
3467	RF-101 (H)
3500	F-105 (H)
3804	U-10 (H)
3845	HU-16 (H)
	COMMAND CONTROL AND COMMUNICATIONS SYSTEMS
4210	PROGRAM 279 (H)
4211	PROGRAM 494L
4215	SATELLITE STATIONS
4216	FIXED GROUND STATIONS
4217	MULTI - PURPOSE FACILITY
4218	SIMPLIFIED PROCESSING STATIONS
4220	COMMAND CENTER (H)
4225	REGIONAL CONT. CENTERS
4230	ROCC
4240	AUTO CC/DC (H)
4241	AUTO DC (H)
4243	MANUAL CC
4244	AUTO RCC (H)
4245	MANUAL DC (H)

CODE	TITLE
4250	BUIC I (H)
4251	BUIC II (H)
4252	BUIC III
4260	SEARCH RADAR (H)
4261	HEIGHT FINDER RADAR (H)
4262	GAP FILLER RADAR (H)
4263	DEW RADAR (H)
4264	SEARCH RADAR AUTO
4265	SEARCH RADAR MANUAL
4270	DEW MAIN (H)
4271	DEW WEST (H)
4272	DEW SITE
4280	BMEWS
4281	SLBM SITES (H)
4282	474N
4283	SPARS
4284	PARCS
4285	FPS-85
4290	RADAR FACILITY
4291	CAMERA FACILITY
4292	RADAR FACILITY-OTH
4293	ELECTRO-OPTICAL
4294	MIN HOMING VEH
4300	COMMAND CENTER AUTO (H)
4301	COMMAND CENTER ALTERNATE (H)
4310	AIR SPT OPS CENTER
4311	AC AND W AUTO (H)
4312	AC AND W MANUAL
4313	TAC CONTROL GROUP
4314	COMBAT COMM SQDN

(H) = Historical

APPENDIX A

FORCE RESOURCE IDENTIFICATION CODES

4. AIR FORCE

CODE	TITLE
4315	COMBAT COMM GP
4316	COMM BASE PKG-4071 (H)
4318	MOB COMM FLTS
4319	MOB COMM SQDN (H)
4320	SPECIAL COMM SQDN
4321	ELEC INSTALL SQDN
4323	TAC CONT MAIN SQDN (H)
4324	TAC AIR SUPPORT GROUP
4325	DAS SQDN (H)
4326	DEF COMM SYS GROUP
4327	DEF COMM SYS SQDN
4329	AIR TFC CONT FLTS
4330	AIR TFC REG CTR FLTS (H)
4331	FLT FACILITY FLTS
4332	COMM FLT (RANGE SPT)
4333	TAC AIR CONTROL SQ
4334	TAC AIR CONTROL FLTS (FACP)
4370	LCC SITES
4375	OTH RADAR SITES (H)
4380	BOMB ALARM SENSOR (H)
4400	ASAT
	AUTHORIZED UE MISSILES
8801	SRAM (B-52) (H)
8803	SRAM (FB-111) (H)
8804	AGM-69A
8805	TACIT RAINBOW
8806	AGM 131A SRAM II
8811	ADVANCED CRUISE MISSILE
8830	AGM-28A/B (H)

CODE	TITLE
8840	QU-22B (H)
8845	AQM-34
8846	AQM-34/BGM-34 (H)
8847	PGM-100
8848	MQM-107
8850	ADM-20B/C QUAIL (H)
8860	MGM-13A MACE (H)
8863	CGM-13B MACE (H)
8870	HGM-25A TITAN (H)
8871	LGM-25C TITAN
8880	LGM-30A/B MIN MAN I (H)
8881	LGM-30F MIN'MAN II
8882	LGM-30G MIN'MAN III
8883	M-X
8890	CGM-16D ATLAS (H)
8891	CGM-16E ATLAS (H)
8892	HGM-16F ATLAS (H)
8909	ALCM
8910	GLCM (BGM-109)
8920	QF-106F FULL SIZE DRONE
8921	QF-100
8922	QF-4
8935	CIM-10B BOMARC (H)
8940	PROGRAM 437 (H)

(H) = Historical

APPENDIX A

FORCE RESOURCE IDENTIFICATION CODES

5. DEFENSE AGENCIES

CODE	TITLE
1480	U-10 (AIR FORCE) (H)
2453	C-47 (AIR FORCE) (H)
2481	T-29 (AIR FORCE) (H)
2498	C-117 (NAVY) (H)
2499	C-117 (AIR FORCE) (H)
2505	C-54 (AIR FORCE) (H)
2530	C-12A
2570	C-131 (AIR FORCE) (H)
6201	PSYOP GROUPS
6211	CIVIL AFFAIRS COMMANDS - RESERVE
6231	PSYOP GROUPS - RESERVE
6241	CIVIL AFFAIRS BATTALIONS - ACTIVE
6320	U-8D (ARMY) (H)
6375	C-47 (NAVY) (H)
6505	HU-16D (NAVY) (H)
6624	U-21 (ARMY) (H)
SOCOM	
1175	RANGER REGIMENTS
1185	SPECIAL FORCES GROUP-ACTIVE ARMY
1186	SPECIAL FORCES GROUP - RES & NG
1275	INFANTRY (RANGER) BATTALIONS
1285	SPECIAL FORCES BATTALIONS - ACTIVE ARMY
1286	SPECIAL FORCES BATTALIONS - RES & NG
1440	SIGNAL BATTALIONS (DIV/AREA)
2260	TH-53 TRAINER
2302	C-130
2306	EC-137D
2312	AC-130
2332	EC-130
2342	HC-130
2345	MC-130 COMBAT TALON
2610	AVIATION GROUP (SOA)
2620	AVIATION BATTALION (SOA)
2641	HH-3
2645	HH-53
2650	MH-53J
2655	MH-60G
2691	UH-60A
3000	AVIATION FID GROUP
4709	C-130T
4755	C-20
6101	NSW GROUPS
6111	NSW UNITS
6121	SEAL TEAMS
6131	SPECIAL BOAT UNIT (A)
6141	SPECIAL BOAT UNIT (R)
6151	SPECIAL BOAT RON
6161	SDV TEAM
6200	PATROL COASTAL CYCLONE CLASS
6201	PSY OP GROUPS
6211	CIVIL AFFAIRS BATTALIONS-ACTIVE
6231	PSY OP GROUPS-RESERVE
6241	CIVIL AFFAIRS BATTALIONS-ACTIVE
6261	SPECIAL OPS SUPPORT BN

(H) = Historical

APPENDIX B
MANPOWER RESOURCE IDENTIFICATION CODES
END-STRENGTHS

	Army	Navy	Marine Corps	Air Force	Defense Agencies
Officer					
Active Service	0001	0002	0003	0004	-
Reserve-48 Drill (Units)	0006	0011	0015	0020	-
Reserve-48 Drill (IMA)	0007	0012	0016	0019	-
Reserve-24 Drill (IMA)	0009	0010	0014	0018	-
Reserve-Other (IMA)	0008	0013	0017	0022	-
Reserve Training Pipeline	0023	0025	0026	0027	-
Reserve Full-Time Active	0029	0030	0031	0032	-
National Guard-48 Drill (Units)	0024	-	-	0028	-
National Guard Full-Time Active	0033	-	-	0034	-
National Guard Training Pipeline	0035	-	-	0036	-
*Active Service Officer Students (Memo)	0041	0042	0043	0044	-
*Officer Accession Students (Memo)	0045	0046	0047	0048	-
Enlisted					
Active Service	0101	0102	0103	0104	-
Reserve-48 Drill (Units)	0106	0111	0115	0120	-
Reserve-48 Drill (IMA)	0105	0109	0119	0123	-
Reserve-24 Drill (IMA)	0126	0110	0114	0118	-
Reserve-Other (IMA)	0108	0113	0117	0122	-
Reserve-Basic Mil Training	0107	0112	0116	0121	-
Reserve-Training Pipeline (Paid)	0187	0189	0191	0183	-
Reserve-Training Pipeline (Unpaid)	0188	0190	0192	0184	-
Reserve Full-Time Active	0129	0139	0143	0147	-

* = Memo (Non-Add)

As of January 1996

APPENDIX B
MANPOWER RESOURCE IDENTIFICATION CODES
END-STRENGTHS (continued)

	Army	Navy	Marine Corps	Air Force	Defense Agencies
Enlisted (continued)					
National Guard-48 Drill (Units)	0124	-	-	0128	-
National Guard-Basic Mil Training	0125	-	-	0127	-
National Guard Full-Time Active	0130	-	-	0148	-
National Guard Training Pipeline (Paid)	0185	-	-	0181	-
National Guard Training Pipeline (Unpaid)	0186	-	-	0182	-
*Active Service Enlisted Students (Memo)	0131	0132	0133	0134	-
*Active Service Enlisted Trainees (Memo)	0135	0136	0137	0138	-
U.S. Military Academy Students	0140	0141	-	0142	-
Aviation Cadets	-	0144	0145	0146	-
ROTC-Basic Course	0150	-	-	0154	-
ROTC-Advanced Course	0151	-	-	0155	-
Reserve Officer Candidates	-	0152	0157	-	-
ROTC Enrollees	-	0153	-	-	-
Civilian					
U.S. -Direct Hire	0160	0160	0160	0160	0160
Foreign-Direct Hire	0161	0161	0161	0161	0161
Foreign-Indirect Hire	0162	0162	0162	0162	0162
*Reserve Military Technicians	0163	-	-	0163	-
*National Guard Technicians (FY 62-68)	0167	-	-	0168	-
*National Guard Technicians (Reimb)	0169	-		0169	-
*National Guard Military Technicians	0170	-	-	0170	-
*Part-Time/Intermittent (USDH)	-	-	-	0171	-
*Part-Time/Intermittent (FNDH)	-	-	-	0172	-

* = Memo (Non-Add)

APPENDIX B
MANPOWER RESOURCE IDENTIFICATION CODES
END-STRENGTHS (continued)

	Army	Navy	Marine Corps	Air Force	Defense Agencies
Civilian (continued)					
*Part-Time/Intermittent (FNIH)	-	-	-	0173	-
*U.S. -Direct Hire (USSOCOM)	-	-	-	-	0175
*Foreign Direct Hire	-	-	-	-	0176
*Foreign Indirect Hire	-	-	-	-	0177

Trainees

	End Strengths - Memo Non-Add			
	Army	Navy	Marine Corps	Air Force
Active Service Enlisted Trainees	0135	0136	0137	0138

Enlisted trainees comprise those active duty enlisted personnel who have not completed initial-entry training. Enlisted initial-entry training includes recruit training, initial skill training, and any other form of proficiency training accomplished before commencing movement to the member's first permanent duty assignment. Enlisted trainees also includes all in-transit time commencing upon entry into active service through completion of the final course of initial-entry training which terminates enlisted trainee status. Personnel destined for officer candidate school but in recruit or initial-skill training will be counted as enlisted trainees.

Excludes:

Reserve component personnel temporarily on active duty for recruit or other training provided by the active forces who are not counted as part of active strength.

* = Memo (Non-Add)

APPENDIX B
MANPOWER RESOURCE IDENTIFICATION CODES
END-STRENGTHS (continued)

Personnel who have completed all entry-level and proficiency training and have commenced travel to a first permanent duty assignment (counted in program element 08087320, Transients).

Personnel entering active duty who are traveling to their first permanent duty assignment with no entry-level training enroute (counted in program element 08087320, Transients).

Personnel engaged in on-the-job training programs at their permanent unit of assignment (counted as members of the permanent unit).

Students

End Strengths - Memo Non-Add

	Army	Navy	Marine Corps	Air Force
Active Service Officer Students	0041	0042	0043	0044
Active Service Enlisted Students	0131	0132	0133	0134

Active duty military personnel attending noninitial entry schools of 20 weeks or longer duration as a PCS duty assignment or undergoing noninitial entry training in a temporary duty status while on PCS orders. For purposes of this definition, noninitial entry training is defined as any temporary or permanent duty PCS training accomplished after arrival at a member's first permanent nontraining duty assignment. Includes officer candidates.

Student RICs will be used only in the program elements comprising the Defense Planning and Programming Categories of Individual Training and Force Support Training.

Excludes:
Enlisted Trainees
Officer Accession Students

* = Memo (Non-Add)

APPENDIX B
MANPOWER RESOURCE IDENTIFICATION CODES
END-STRENGTHS (continued)

Personnel assigned to correctional or behavioral training facilities to undergo motivational and behavioral rehabilitation in lieu of confinement. See PE 08087210, Personnel Holding Account.

Reserve component personnel temporarily on active duty for advanced training who are not counted as part of active strength.

Officer Accession Students

	End Strengths - Memo Non-Add			
	Army	Navy	Marine Corps	Air Force
Active Service Officer Accession Students	0045	0046	0047	0048

Officer accession students comprise that active duty officer strength which has not completed initial-entry training. Officer initial-entry training includes officer basic courses and all initial-skill or proficiency training taken before commencing movement to the member's first permanent duty assignment. Officer accession student strength also includes all in-transit time from entry into active service through completion of the final course of initial-entry training which terminates officer accession status. Includes officer students at the Uniformed Service University of Health Services.

Excludes:

Reserve officer training corps, reserve officer candidates, aviation reserve officer candidates, platoon leaders class, and service academy cadets and midshipmen.

* = Memo (Non-Add)

APPENDIX B
MANPOWER RESOURCE IDENTIFICATION CODES
END-STRENGTHS (continued)

Armed Forces Health Professional Scholarships Program Students. Reserve component personnel temporarily on active duty for recruit or other training provided by the active forces who are not counted as part of active strength.

Personnel entering active duty who are traveling to their first permanent duty assignment with on entry-level training enroute (counted in program element 08087320, Transients).

Personnel who have completed all entry-level and proficiency training and have commenced travel to a first permanent duty assignment (counted in program element 08087320, Transients).

APPENDIX C
APPROPRIATIONS RESOURCE IDENTIFICATION CODES

	Army	Navy	Marine Corps	Air Force	Defense Agencies
Development					
Research, Development, Test and Evaluation	0300	0301	-	0302	0303
Emergency Fund Defense (H)	-	-	-	-	0306
Developmental Test and Evaluation, Defense	-	-	-	-	0307
Operational Test and Evaluation, Defense	-	-	-	-	0308
Special-Foreign Currency-Defense (H)	0323	0323	-	-	0323
Investment					
Revision of Davis-Bacon	-	-	-	-	0401
Base Realignment and Closure Accnt, Part I	-	-	-	-	0402
Foreign Currency Fluctuation-Mil Con	-	-	-	-	0403
Base Realignment and Closure Accnt, Part II	0404	0404	0404	0404	0404
Base Realignment and Closure Accnt, Part III	0405	0405	0405	0405	0405
Base Realignment and Closure Accnt, Part IV	0406	0406	0406	0406	0406
Procurement-Weapons	-	0411	-	-	-
Defense Production Act Purchases, Defense	-	-	-	-	0412
National Guard & Reserve Equip Defense	-	-	-	-	0413
Acquisition Reform	-	-	-	-	0414
Modernization Reserve	-	-	-	-	0415
National Guard Equipment (H)	0420	-	-	-	-
Contingencies-Defense	-	-	-	-	0421
Special Foreign Currency-Defense	0423	0423	0423	0423	0423
Homeowners' Assistance Fund-Defense	0424	-	-	-	-

(H) = Historical

APPENDIX C
APPROPRIATIONS RESOURCE IDENTIFICATION CODES

	Army	Navy	Marine Corps	Air Force	Defense Agencies
Investment (continued)					
Proc Weapons & Tracked Combat Vehicles	0427	-	-	-	-
Procurement of Ammunition	0428	0408	-	0409	-
Other Procurement	0429	0433	-	0437	-
Procurement-Equipment/Missiles (H)	0430	-	-	-	-
Procurement-Aircraft/Missiles (H)	-	0431	-	-	-
Shipbuilding and Conversion	-	0432	-	-	-
Procurement	-	-	0434	-	0438
Procurement-Aircraft	0425 -	0410 -	-	0435	-
Procurement-Missiles	0426 -	-	-	0436	-
Military Construction	0440	0441	-	0442	0443
Military Construction-Reserve	0444	0445	-	0446	-
Military Construction-Guard	0447	-	-	0448	-
North Atlantic Treaty Org. Security Investment Program	-	-	-	-	0449
Santa Margarita Water Project (H)	-	0450	-	-	-
Loran Stations-Defense (H)	-	-	-	-	0451
Reserve Components Generally (H)	-	-	-	-	0452
Family Housing-Defense (H)	0453	0453	-	0453	0453
USS Arizona Memorial (H)	-	0454	-	-	-
Family Housing-Investment	0455	0456	-	0457	0458
Defense Facilities Replacement (H)	-	-	-	-	0459
Undistributed Contingencies-Defense	-	-	-	-	0475
Procurement, DoD NATO Cooperative (H)	-	-	-	-	0476
Coastal Defense Augmentation (H)	-	0477	-	-	-
Coastal Defense Augmentation -X (H)	-	0478	-	-	-

(H) = Historical

APPENDIX C
APPROPRIATIONS RESOURCE IDENTIFICATION CODES

	Army	Navy	Marine Corps	Air Force	Defense Agencies
Investment (continued)					
Chemical Agents & Munitions Destruction-Def	0479	-	-	-	0479
Chemical Agents & Munitions Destruction	0480	-	-	-	0479
Unanticipated Requirements	-	-	-	-	0481
Program Estimates	-	-	-	-	0482
Topline	-	-	-	-	0483
Future Program/Budget Adjustment	-	-	-	-	0484
Family Housing Improvement Program	0485	0485	0485	0485	0485
Operations					
Operations & Maintenance-Reserve	0501	0502	0503	0504	-
Overseas Humanitarian Disaster and Civic Aid	-	-	-	-	0505
National Defense Stockpile Transaction Fund	-	-	-	-	0506
Defense Cooperation Account	-	-	-	-	0507
Persian Gulf Regional Defense Fund (H)	-	-	-	-	0508
National Defense Sealift Fund	-	0509	-	-	-
Operations & Maintenance	0510	0511	0512	0513	0514
Operations & Maintenance-Guard	0515	-	-	0516	-
National Board-Promotion of Rifle Practice	0517	-	-	-	-
O&M Alaska Comm Systems (H)	0518	-	-	-	-
Naval Petroleum Reserve (H)	-	0519	-	-	-
Claims, Defense (H)	-	-	-	-	0520
Contingencies-Defense	-	-	-	-	0521
United States Court of Appeals for the Armed Forces	-	-	-	-	0522
Pentagon Reservation Maintenance Rev Fund	-	-	-	-	0523
Foreign Currency Fluctuations, Defense	-	-	-	-	0524
Corporate Information Management (H)	-	-	-	-	0525

(H) = Historical

APPENDIX C
APPROPRIATIONS RESOURCE IDENTIFICATION CODES

	Army	Navy	Marine Corps	Air Force	Defense Agencies
Operations (continued)					
Sec. Def. Readiness Fund (H)	-	-	-	-	0526
Special Foreign Currency (H)	-	-	-	-	0527
XIII Olympic Winter Games (H)	-	-	-	-	0528
Summer Olympics	0529	-	-	-	0540
Stock Funds (H)	0530	0531	0532	0533	0534
Ammo Stock Fund (H)	0535	-	-	-	-
DBOF Obligational Authority (H)	-	-	-	-	0537
1995 Special Olympics World Games	-	-	-	-	0554
Global Cooperative Initiatives	-	-	-	-	0538
Mariner Fund (H)	-	0539	-	-	-
World University Games	-	-	-	-	0541
Defense Health Program	-	-	-	-	0542
Real Property Maintenance, Defense (H)	-	-	-	-	0543
Disaster Relief	-	-	-	-	0544
World Cup USA 1994 (H)	-	-	-	-	0545
Defense Reinvestment for Economic Growth (H)	-	-	-	-	0546
Former Soviet Union Threat Reduction	-	-	-	-	0547
Contributions for International Peacekeeping	-	-	-	-	0548
Payment to Kaho'olawe Island	-	0549	-	-	-
Logistics Initiative	-	-	-	-	0550
Inventory Drawdown	-	-	-	-	0551
Family Housing-Defense-Debt Payment (H)	0552	0552	0552	0572	-
Family Housing-Defense (H)	0553	0553	0553	0553	0553
Rifle Practice Revolving Fund	0559	-	-	-	-

(H) = Historical

APPENDIX C
APPROPRIATIONS RESOURCE IDENTIFICATION CODES

	Army	Navy	Marine Corps	Air Force	Defense Agencies
Operations (continued)					
Family Housing-Operations	0555	0556	-	0557	0558
Military Personnel	0560	0561	0562	0563	-
Reserve Personnel	0564	0565	0566	0567	-
National Guard Personnel	0568	-	-	0570	-
Retired Pay-Defense (H)	-	-	-	-	0571
Goodwill Games (H)	-	-	-	-	0572
Drug Interdiction and Counter-Drug Activities	-	-	-	-	0573
Emergency Response Fund	-	-	-	-	0574
Undistributed Contingencies-Defense	-	-	-	-	0575
Military Personnel Offset	-	-	-	-	0577
Management Improvements	-	-	-	-	0579
Pan American Games (H)	-	-	-	-	0581
Procurement Technical Assistance (H)	-	-	-	-	0582
Walsh-Healy	-	-	-	-	0583
ADP Management Fund (H)	-	-	-	-	0584
Inspector General	-	-	-	-	0585
National Security Education Trust Fund	-	-	-	-	0589
Industrial Funds (H)	0580	0587	0588	0590	0595
Defense Business Operations Fund	0591	0591	0591	0591	0591
*Business Operations Operating Costs	0592	0592	0592	0592	0592
*Business Operations Capital Costs	0593	0593	0593	0593	0593
*Interactivity Obligations	-	-	-	-	0594

*Memo (Non-Add)

(H) = Historical

APPENDIX C
APPROPRIATIONS RESOURCE IDENTIFICATION CODES

	Army	Navy	Marine Corps	Air Force	Defense Agencies
Operations (continued)					
Revenues (H)	0597	0597	0597	0597	0597
Operating Gain/Loss (H)	0598	0598	0598	0598	0598
Environmental Restoration	0600	0601	0602	0603	0536

NOTE: RIC appropriation titles shall conform precisely with those titles contained in the control file listings furnished the DoD Components following each FYDP update.

(H) = Historical

DEPARTMENT OF DEFENSE
Program Element Codes and Titles

Program 1 -- Strategic Forces

01/03/96
Latest Structure Change

010000	Offensive Forces	
010100	Aircraft Units	
0101111F	B-47 Squadrons (H)	
0101112F	EB-47 Squadrons (H)	
0101113F	B-52 Squadrons	
0101114F	B-58 Squadrons (H)	
0101115F	FB-111 Squadron (H)	X-95-2
0101116F	SKYBOLT (H)	
0101117F	HOUND DOG (AGM-28) (H)	
0101118F	Short Range Attack Missile (AGM-69)	
0101120F	Advanced Cruise Missile	X-5-03
0101121F	B-1 Squadrons (H)	
0101122F	Air-Launched Cruise Missile (ALCM)	X-78-002
0101123F	Advanced Strategic Air Launched Cruise Missile (H)	X-79-010
0101124F	Harpoons	X-8-04
0101126F	B-1B Squadrons	X-2-005
0101127F	B-2 Squadrons	X-8-04
0101128F	B-52 Conventional Squadrons	X-9-02
0101131F	RB-47 Squadrons (H)	
0101133F	SR-71 Squadrons (H)	
0101135F	Aircraft Survivability Enhancements (H)	X-92-4
0101141F	KC-97 Squadrons (H)	

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DEPARTMENT OF DEFENSE
Program Element Codes and Titles

Program 1 -- Strategic Forces

01/03/96
Latest Structure Change

0101142F		KC-135 Squadrons	
010120	Missile Units		
0101211F		ATLAS Squadrons (H)	
0101212F		TITAN Squadrons (H)	X-92-3
0101213F		Minuteman Squadrons	
0101214F		MINUTEMAN Integrated Command and Control System (H)	
0101215F		Peacekeeper Squadrons	X-4-02
0101216F		Strategic Update (H)	X-92-3
0101217F		Special Support Projects (H)	X-8-04
0101218F		Short Range Attack Missile II (SRAM II) (H)	X-95-2
0101219F		Small ICBM Squadrons (H)	X-92-4
01012200	(F,M,N)	Peacekeeper Financing (H)	X-7-04
0101221N		Strategic Sub & Weapons System Support	X-93-3
0101222N		Support Ships (FBMS)	
0101223N		REGULUS Missile System (H)	
0101224N		SSBN Security Technology Program	X-93-4
0101225N		Navy Navigation Satellite System Improvement (H)	
0101226N		Submarine Acoustic Warfare Development	X-0-08
0101228N		Trident I	
0101229N		Strategic Cruise Missile	
0101235F		ICBM Helicopter Support	X-92-3
010130	Command, Control, Communication Systems		

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DEPARTMENT OF DEFENSE
Program Element Codes and Titles

01/03/96

Program 1 -- Strategic Forces			Latest Structure Change
0101310F		Strategic Automated Command and Control System (SACCS) - ADP	X-94-5
0101312F		PACCS and WWABNCP System EC-135 Class V Mods	X-3-04
0101313F		Strat War Planning System - USSTRATCOM	X-93-1
0101315N		FBM Control System - Communications	X-93-4
01013160	(A,F,N)	USSTRATCOM Command and Control	X-95-1
0101317F		Post Attack Command and Control System (PACCS) Communications	
0101321N		Special Purpose Communications (H)	
0101321F		Special Purpose Communications	
0101322F		Titan Communications (H)	X-92-4
0101323F		MINUTEMAN Communications	
0101401N		Extremely Low Frequency (ELF) Communications	X-79-007
0101402N		Navy Strategic Communications	X-93-4
0101403N		HYDRUS	X-93-4
0101500F		START Compliance	X-0-06
010180	Other		
0101812F		Satellite Basing (H)	
0101814F		Companion Trainer Aircraft (H)	X-5-03
0101815F		Advanced Strategic Programs	X-9-05
0101816F		Project Gentry (H)	X-92-4
0101817F		Engineering Installation -- STRATCOM	X-92-4
0101820F		Mission Evaluation Activities (Offensive)	
01018300	(F,N)	Operational Headquarters (Offensive)	
01018530	(F,M,N)	Environmental Conservation	X-94-6

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DEPARTMENT OF DEFENSE
Program Element Codes and Titles

Program 1 -- Strategic Forces

01/03/96
Latest Structure Change

01018540	(F,M,N)	Pollution Prevention	X-94-6
01018560	(F,M,N)	Environmental Compliance	X-94-6
01018760	(F,N)	Minor Construction (RPM) (Offensive)	X-91-3
01018780	(F,N)	Maintenance and Repair (RPM) (Offensive)	X-91-3
01018790	(F,N)	Real Property Services (RPS) - Offensive	X-94-7
01018940	(F,N)	Real Property Maintenance (Offensive) (H)	X-93-2
0101895F		Base Communications - Offensive	X-80-006
0101895N		Base Communications - Offensive	X-80-006
01018960	(F,N)	Base Operations (Offensive)	X-95-1
0101897N		Training (Offensive) (H)	
0101897F		Training (Offensive)	
01018980	(F,N)	Management Headquarters - USSTRATCOM	X-94-1
010200		Defensive Forces	
010210		Aircraft Units	
0102111F		F-101 Squadrons (H)	X-80-004
0102112F		F-102 Squadrons (H)	
0102113F		F-104 Squadrons (H)	
0102114F		F-106 Squadrons (H)	X-9-02
0102115N		F-6 Squadrons (H)	
0102116F		Air Defense F-15	
0102119F		F-16 Air Defense Fighter (H)	X-92-4
0102120F		F-16 Interceptor Squadrons (H)	X-94-1
010220		Missile Units	

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DEPARTMENT OF DEFENSE
Program Element Codes and Titles

01/03/96
Latest Structure Change

Program 1 -- Strategic Forces

0102211F	BOMARC Squadrons (H)	
0102212A	NIKE-HERCULES Battalions (H)	
0102213A	HAWK Battalions (H)	X-80-004
0102215N	ABM Support (H)	
010230	Command, Control, Communication Systems	
0102310F	NCMC - TW/AA Systems (H)	X-95-2
0102311F	NCMC - Space Defense Systems (H)	X-95-2
0102312F	C3 Power Reliability Program	X-4-03
0102313F	Ballistic Missile Tactical Warning/Attack Assessment System (H)	X-95-2
0102314F	Back-Up Interceptor Control (BUIC) System (H)	X-6-01
0102315A	Surface-to-Air Missile Fire Coordination Centers (H)	
0102317F	Joint Control Centers (H)	
0102318F	Region Control Centers (H)	X-6-01
0102319F	Manual NORAD Control Centers (H)	X-6-01
0102322F	AAC Integrated Command & Control System (H)	X-92-4
0102323F	TW/AA Interface Network (H)	X-95-2
0102324F	ADC Command and Control System (H)	
0102325F	Joint Surveillance System	
0102331F	Communications - 416L	
0102333A	Air Defense Communications (H)	
010240	Surveillance and Warning Systems	
0102410F	Airborne Warning and Control System (AWACS) (H)	
0102411F	North Atlantic Defense System	X-94-6

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DEPARTMENT OF DEFENSE
Program Element Codes and Titles

01/03/96

Program 1 -- Strategic Forces

		Latest Structure Change
0102412F	North Warning System (NWS)	X-94-6
0102413F	Airborne Early Warning and Control Systems (H)	X-80-004
0102414N	Airborne DEW-Line Extension (H)	
0102415N	Picket Ships - DEW-Line Extension (H)	
0102416N	Picket Ships - Offshore Radar (H)	
0102417F	Over-the-Horizon Backscatter Radar	X-6-01
0102418F	Advanced Warning System	X-0-10
0102421F	Program 437 (H)	
0102422A	Program 505 (H)	
0102423F	Ballistic Missile Early Warning System (BMEWS)	
0102424F	SPACETRACK	
0102425F	Over-the-Horizon (OTH) Radar System (H)	
0102426F	Bomb Alarm System (H)	
0102427N	Naval Space Surveillance	X-7-09
0102428N	Space Systems Control	X-5-07
0102429F	NIKE Targets (H)	
0102431F	Defense Support Program (H)	X-95-2
0102432F	Submarine-Launched Ballistic Missile (SLBM) Radar Warning System (H)	X-95-2
0102433F	NUDET Detection System (H)	X-93-4
0102434F	Perimeter Acquisition Radar-Attack Characterization System (PARCS) (H)	X-1-004
0102435F	PARCS Communications (H)	X-1-004
0102436F	Command Center Processing and Display System (H)	X-95-2
0102441F	Program 437 Communications (H)	

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DEPARTMENT OF DEFENSE
Program Element Codes and Titles

01/03/96

Program 1 -- Strategic Forces			Latest Structure Change
0102443F		Space Defense Interface Network	X-3-07
0102444F		Over-the-Horizon Radar System Communications	
0102445F		Counterdrug Aerostats	X-94-2
0102446F		Counterdrug Caribbean Basin Radar Network (CBRN)	X-94-2
0102449F		Space Shuttle (H)	X-8-04
0102450F		Space Defense Operations (H)	X-95-2
0102496F		Base Operations - SPACECOM (H)	X-95-2
0102498F		Management Headquarters (Space Command) (H)	X-95-2
0102498N		Management Headquarters (Space Command)	X-3-01
010250	SAFEGUARD		
0102514A		SAFEGUARD Defense System (H)	
0102516A		SAFEGUARD Communications (H)	
0102517A		SAFEGUARD Logistic Support (H)	X-80-004
0102518A		SAFEGUARD Training (H)	
0102519A		SAFEGUARD Comstruction Supervision (H)	
0102520A		SAFEGUARD Base Support (H)	
010280	Other		
01028020	(A,F,N)	Service Support to DCPA (H)	X-80-004
0102809F		Strategic Defense Support for Counternarcotics	X-91-1
0102811A		Military Survival Measures (H)	
0102812A		JCS Directed and Coordinated Exercises (H)	
0102813N		Barrier Communications Network (H)	
01028140	(A,D)	Special Programs	X-1-001

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DEPARTMENT OF DEFENSE
Program Element Codes and Titles

01/03/96

Program 1 -- Strategic Forces

			Latest Structure Change
01028150	(A,F,M,N)	Joint Continental Defense Systems Integration Planning Staff (H)	
0102816F		Operational Headquarters (Defensive)	
0102817A		Mobile Command Centers	X-2-004
0102820F		Mission Evaluation Activities (Defensive)	
0102821A		Classified Program	X-3-03
0102822F		LEO (H)	X-8-06
0102823F		Strategic Aerospace Intelligence System Activities	X-94-1
01028270	(A,F,M,N)	Industrial Fund and Stock Fund Support (H)	X-94-1
01028300	(A,F)	Classified Program	
01028310	(A,F)	Classified Program	
0102852C		Space Based Interceptors	X-92-5
0102854C		Limited Defense System	X-92-3
0102856F		Environmental Compliance	X-94-6
0102876F		Minor Construction (RPM) (Defensive)(H)	X-95-3
0102878F		Maintenance and Repair (RPM) (Defensive)	X-91-3
0102879F		Real Property Services (RPS) - Defensive	X-94-7
01028900	(A,F,N)	Visual Information Activities-Strategic	X-6-06
0102894F		Real Property Maintenance (Defensive) (H)	X-93-2
0102895F		Command and Base Communications - Air Defense	X-94-5
0102896F		Base Operations (Defensive)	X-95-3
01028960	(A,N)	Base Operations (Defensive) (H)	
0102897F		Training (Defensive)	
01028970	(A,N)	Training (Defensive) (H)	

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DEPARTMENT OF DEFENSE
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01/03/96

Program 1 -- Strategic Forces — Latest Structure Change

0102898F		Management Headquarters (Strategic Defensive Forces)	X-1-006
01028980	(A,N)	Management Headquarters (Strategic Defensive Forces (H)	
0102953F		Environmental Conservation	X-94-6
0102954F		Pollution Prevention	X-94-6
0102998F		Management Headquarters, ADP Support (H)	X-95-3
0103121A		U.S. Space Command Activities (H)	X-92-4
01031210	(F,M,N)	U.S. Space Command (SPACECOM) Activities (H)	X-95-3
01031220	(A,F,M,N)	U.S. Element NORAD Activities	X-6-01
01031980	(A,F,M,N)	Management Headquarters (U.S. Element NORAD)	
01032980	(A,F,M,N)	Management Headquarters (U.S. Space Command)	X-6-01

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DEPARTMENT OF DEFENSE
Program Element Codes and Titles

Program 2 -- General Purpose Forces

01/03/96
Latest Structure Change

020100		Unified Commands	
02011110	(F,M,N)	Alaska Command (ALCOM) (H)	
0201111A		Alaska Command (ALCOM) (H)	X-92-4
02011120	(F,M,N)	Atlantic Command (LANTCOM) Activities	X-80-009
02011130	(A,F,M,N)	U.S. European Command (USEUCOM) Activities	
0201113D		U.S. European Command (USEUCOM) Activities (H)	
02011140	(A,F,M,N)	U. S. Pacific Command (USPACOM) Activities	
02011150	(A,F,M,N)	U. S. Southern Command (USSOUTHCOM) Activities	X-6-03
0201116J		U.S. Readiness Command (USREDCOM) Activities (H)	X-80-009
0201116A		U.S. Readiness Command (REDCOM) Activities (H)	X-80-009
02011160	(F,N)	U. S. Readiness Command (REDCOM) Activities	X-80-009
02011170	(A,F,M,N)	Airborne Command Post (CINCEUR)	X-5-07
02011180	(A,N)	Airborne Command Post (CINCPAC)	X-3-04
0201118F		Airborne Command Post (CINCPAC) (H)	X-95-3
02011190	(A,F)	Marshall European Center	X-94-5
02011200	(A,M,N)	Airborne Command Post (CINCLANT)	X-3-04
0201120F		Airborne Command Post (CINCLANT) (H)	X-95-3
0201121F		USSOCOM Command and Control Platform	X-9-05
02011310	(A,F)	US Central Command - Communications	X-8-04
0201132N		CINCLANT ABNCP Communications Facilities (H)	X-78-003
0201133F		Airborne Command Center (ABCC) (H)	X-5-03
02011340	(F,N)	Joint Deployment Agency (H)	X-9-02

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DEPARTMENT OF DEFENSE
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Program 2 -- General Purpose Forces

01/03/96
Latest Structure Change

02011340	(A,M)	Joint Deployment Agency	X-9-02
02011350	(A,F,J,N,K)	CINC C2 Initiatives	X-91-1
0201137F		Caribbean Contingency Joint Task Force (H)	X-5-03
02011370	(A,M,N)	Caribbean Contingency Joint Task Force	X-5-03
02011380	(A,F,M,N)	U.S. Central Command (CENTCOM) Activities	X-5-06
0201140J		CINC Initiatives	X-91-2
02011820	(A,K)	Counterdrug Anti-Drug Network (ADNET)	X-94-2
0201183A		Counterdrug Command Management System (CMS)	X-94-2
0201184F		Counterdrug SOUTHCOM Radar Tracker	X-94-2
0201189A		Active Army Support to CINC Counternarcotics Activities	X-0-03
02011890	(A,F,M,N)	Counterdrug OPTEMPO	X-94-2
02012980	(A,F,M,N)	Management Headquarters (LANTCOM)	
02013980	(A,F,M,N)	Management Headquarters (USEUCOM)	X-1-006
02014980	(A,F,N)	Management Headquarters (PACOM)	X-1-006
02015980	(A,F,M,N)	Management Headquarters (SOUTHCOM)	X-1-006
02016980	(A,F,M,N)	Management Headquarters (REDCOM) (H)	X-92-3
02018980	(A,F,M,N)	Management Headquarters (U.S. Central Command)	X-4-02
0202011A		Divisions	X-0-03
0202012A		Nondivisional Combat Brigades/Regiments	X-0-03
0202013A		Other Nondivisional Combat Units	X-0-03
0202014A		Tactical Support - Other Units	X-0-03
0202015A		Tactical Support - Communications Units	X-0-03
0202016A		Tactical Support	X-95-1

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DEPARTMENT OF DEFENSE
Program Element Codes and Titles

Program 2 -- General Purpose Forces

			01/03/96 Latest Structure Change
0202017A		Tactical Support - Medical Units	X-0-03
0202018A		Tactical Support - Logistics Units	X-0-03
0202019A		Tactical Support - Administrative Units	X-0-03
0202020A		Tactical Support - Maintenance of Tactical Equipment	X-0-03
0202024A		Tactical Support - MI Units (Non-TIARA)	X-95-1
0202025A		Tactical Support - DCS Network	X-0-03
02020260	(A,F,N,M)	Joint Tactical Switched Systems	X-94-2
0202027A		Peacetime Unit Augmentation	X-94-2
02020560	(A,M,N)	Environmental Compliance	X-94-6
0202076A		Minor Construction (RPM)	X-91-3
0202078A		Maintenance and Repair (RPM)	X-91-3
0202079A		Real Property Services (RPS)	X-94-7
0202081A		Theater Air Defense Forces	X-0-03
0202082A		Theater Missile Forces (H)	X-92-4
0202085A		Theater Defense Forces	X-0-03
0202086A		Special Mission Support (H)	X-92-4
0202089A		Communications Support	X-0-03
0202091A		Intelligence Support	X-0-03
0202092A		Special Activities	X-0-03
0202093A		Force-Related Training	X-0-03
0202094A		Real Property Maintenance (H)	X-93-2
0202096A		Base Operations	X-95-1
0202098A		Management Headquarters	X-0-03

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Program 2 -- General Purpose Forces — Latest Structure Change

0202099A		Army Claims	X-94-2
02021	Forces (Army)		
020210	Alaska		
0202111A		Divisions (Alaska) (H)	X-9-01
0202181A		Alaska Theater Air Defense Forces (H)	
0202185A		Alaska Defense Forces (H)	
0202189A		Communications Support (H)	X-7-05
0202191A		Tactical Support - Maintenance of Tactical Equipment (Alaska) (H)	X-7-02
0202192A		Special Activities (Alaska) (H)	X-9-05
0202193A		Force-Related Training (H)	
020230	Europe		
0202311A		Divisions - Europe	
0202312A		Nondivisional Combat Brigades/Regiments	
0202313A		Other Nondivisional Combat Units	
0202314A		Tactical Support - Other Units	
0202315A		Tactical Support - Communications Units	
0202316A		Tactical Support - Intelligence Units	
0202317A		Tactical Support - Medical Units	
0202318A		Tactical Support - Logistics Units (Europe)	X-1-001
0202319A		Tactical Support - Administrative Units	
0202320A		Tactical Support - Maintenance of Tactical Equipment (Europe)	X-7-02
0202325A		Tactical Support to DCS Networks (Europe)	X-9-04
0202381A		Europe Air Defense Forces	

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DEPARTMENT OF DEFENSE
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Program 2 -- General Purpose Forces

01/03/96
Latest Structure Change

0202382A		Europe Missile Forces	
0202383A		Special Operations Forces	
0202384A		Support to Other Services	
0202385A		Berlin Defense Forces	X-80-009
0202386A		Special Mission Support	
0202389A		Communications Support	X-7-05
0202391A		Intelligence Support	
0202392A		Special Activities	X-0-03
0202393A		Force-Related Training	
0202394A		Real Property Maintenance - Europe (H)	X-93-2
0202395A		Communications Support	
0202396A		Base Operations - Europe (H)	X-95-3
0202398A		Management Headquarters (Europe)	X-1-006
0202399A		Administrative Support	
020240	Pacific		
0202411A		Divisions (Pacific)	X-1-001
0202412A		Non-Divisional Combat Brigades/Regiments (H)	
0202413A		Other Nondivisional Combat Units	
0202414A		Tactical Support - Other Units (H)	X-1-001
0202415A		Tactical Support - Communications Units (H)	X-9-01
0202416A		Tactical Support - Intelligence Units	
0202417A		Tactical Support - Medical Units	
0202418A		Tactical Support - Logistics Units	X-1-001

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Program 2 -- General Purpose Forces

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Latest Structure Change

0202419A		Tactical Support - Administrative Units	
0202420A		Tactical Support - Maintenance of Tactical Equipment (Pacific)	X-7-02
0202425A		Tactical Support to DCS Networks (Pacific)	X-9-04
0202481A		Pacific Air Defense Forces	
0202482A		Pacific Missile Forces	
0202483A		Special Operations Forces	
0202484A		Support to Other Services (H)	X-7-05
0202486A		Special Mission Support	
0202489A		Communications Support	
0202491A		Intelligence Support	
0202492A		Special Activities	X-0-03
0202493A		Force-Related Training	
0202494A		Real Property Maintenance - Pacific (H)	X-93-2
0202495A		Communications Support	
0202496A		Base Operations - Pacific (H)	X-95-3
0202498A		Management Headquarters (Pacific)	X-1-006
0202499A		Administrative Support	
020250	South		
0202518A		Tactical Support - Logistics Units - South	X-5-10
0202520A		Tactical Support - Maintenance of Tactical Equipment (South)	X-7-02
0202525A		Tactical Support to DCS Networks (South)	X-9-04
0202581A		Panama Theater Air Defense (H)	
0202583A		Special Operations Forces	

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DEPARTMENT OF DEFENSE
Program Element Codes and Titles

Program 2 -- General Purpose Forces

01/03/96
Latest Structure Change

0202585A		Panama Defense Force	
0202586A		Special Mission Support (CENTAM)	X-5-10
0202588A		Intelligence Support (H)	X-8-03
0202589A		Panama Special Mission-Communications Support	
0202591A		Intelligence Support - Special Mission - South	X-5-10
0202592A		Special Activities (Panama)	X-9-05
0202593A		Force-Related Training	X-1-001
0202594A		Real Property Maintenance Activities - Panama (H)	X-93-2
0202596A		Base Operations - Panama (H)	X-95-3
0202598A		Management Headquarters - USARSO	X-8-03
020260	FORSCOM		
0202611A		Divisions (FORSCOM)	X-1-001
0202612A		Non-Divisional Combat Brigades/Regiments	
0202613A		Other Non-Divisional Combat Units	
0202614A		Tactical Support - Other Units	
0202615A		Tactical Support - Communications Units	
0202616A		Tactical Support - Intelligence Units	
0202617A		Tactical Support - Medical Units	
0202618A		Tactical Support - Logistics Units (FORSCOM)	X-1-001
0202619A		Tactical Support - Administrative Units	
0202620A		Tactical Support - Maintenance of Tactical Equipment (FORSCOM)	X-7-02
0202625A		Tactical Support to DCS Networks (FORSCOM)	X-9-04
0202681A		Theater Air Defense Forces	

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Program 2 -- General Purpose Forces — Latest Structure Change

0202682A		Theater Missile Forces	X-80-004
0202683A		Special Operations Forces	
0202684A		Support to Other Services	
0202692A		Special Activities	X-0-03
0202693A		Force-Related Training	X-9-01
0202694A		Real Property Maintenance - FORSCOM (H)	X-93-2
0202696A		Base Operations - FORSCOM (H)	X-95-3
02026980	(A,F,M,N)	Management Headquarters (FORSCOM)	X-8-03
0202699A		Administrative Support	
0202793A		Force-Related Training of Army Reserve Component Combat Units	X-96-1
020280	Other CONUS		
0202815A		Tactical Support - Comm Support (Other CONUS)	X-80-009
0202816A		Tactical Support - Intelligence Units	
0202817A		Tactical Support - Medical Units	
0202818A		Tactical Support - Logistics Units (Other CONUS)	X-79-008
0202820A		Tactical Support - Maintenance of Tactical Equipment (Other Conus)	X-7-02
0202825A		Tactical Support to DCS Networks (Other CONUS)	X-9-04
0202883A		Special Operations Forces (H)	
0202889A		Communications Support	
0202891A		Intelligence Support	
0202892A		Special Activities/Logistics Support	X-0-03
0202893A		Force Related Training -Other CONUS (H)	X-0-03
0202894A		Real Property Maintenance (MDW) (H)	X-93-2

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0202896A	Base Operations - (MDW) (H)	X-95-3
0202897A	Total Package Fielding	X-8-03
0202898A	MANAGEMENT HEADQUARTERS (MDW)	X-0-03
0202899A	Administrative Support	
020300	Operational Systems Development	
0203711A	LITTLE JOHN (H)	
0203712A	HONEST JOHN (H)	
0203713A	REDEYE (H)	
0203714A	CHINOOK (H)	
0203715A	MOHAWK (H)	
0203716A	IROQUOIS (H)	
0203717A	GENERAL SHERIDAN - AR/AAV (H)	
0203718A	SHILLELAGH Laser Beamrider (LBR) Missile System (H)	
0203719A	Main Battle Tank (H)	
0203721A	Combat Vehicles Weapon System - Long Range (H)	
0203722A	Light Observation Helicopter (H)	
0203723A	Land Combat Support System (H)	X-5-09
0203724A	Heavy Antitank Assault Weapon System (TOW) (H)	X-8-03
0203725A	CHEYENNE AH-56A (H)	
0203726A	Adv Field Artillery Tactical Data System	X-1-002
0203727A	Medium Antitank Assault Weapon (DRAGON) (H)	X-9-01
0203729A	Surveillance, Target Acq., and Night Observation (STANO) (H)	
0203730A	CHAPARRAL (H)	X-8-03

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0203731A	SAM HAWK/ HAWK Improvement Program (H)	X-8-03
0203732A	VULCAN (H)	
0203733A	Improved Non-Nuclear LANCE (NNL) Warhead (H)	X-4-02
0203734A	PERSHING (H)	
0203735A	Combat Vehicle Improvement Programs	X-7-05
0203736A	NIKE HERCULES (H)	
0203737A	SERGEANT (H)	
0203738A	Electronic Warfare - QRC Activity (H)	
0203739A	Air Defense C3I Modifications	X-8-03
0203740A	Maneuver Control System	X-2-007
0203741A	Product Improved Vulcan Air Defense System (H)	X-8-03
0203742A	Communications Systems Engineering Program	X-1-005
0203743A	155mm Self-Propelled Howitzer Improvements	X-2-004
0203744A	Aircraft Modifications/Product Improvement Programs	X-7-05
0203745A	Weapons and Munitions Equipment Upgrade Program (H)	X-92-4
0203747A	SADARM Munitions Enhancement	X-92-4
0203751A	Force Enhancements-Active (H)	X-92-4
0203752A	Aircraft Engine Component Improvement Program	X-5-06
0203754A	Automatic Test Equipment Product Improvement Program (H)	X-92-4
0203755A	Field Artillery Ammunition Support Vehicle	X-0-06
0203758A	Digitization	X-94-3
0203760A	Targeting Identification Devices	X-0-06
0203801A	Missile/Air Defense Product Improvement Program	X-7-05

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0203802A	Other Missile Product Improvement Programs	X-7-05
0203806A	TRACTOR RUT	X-95-3
0203808A	TRACTOR CARD	X-9-03
0203809A	Dragon III (H)	X-9-03
020400	Forces (Navy)	
020410	Sea Control/Projection Forces	
0204111N	Attack Carriers (H)	
0204112N	Multi-Purpose Aircraft Carriers	X-79-007
0204131N	A-1 Squadrons (H)	
0204132N	A-3 Squadrons (H)	
0204133N	A-4 Squadrons (H)	
0204134N	A-6 Squadrons	
0204135N	A-7 Squadrons	
0204136N	F/A-18 Squadrons	X-4-03
0204137N	A-12 Squadrons	X-8-05
0204141N	F-8 Squadrons (H)	
0204142N	F-4 Squadrons	
0204143N	F-111 Squadrons (H)	
0204144N	F-14 Squadrons	
0204145N	F/A-18 Fighter Squadrons (H)	X-4-03
0204150N	Navy TACAIR/ASW Carrier Airwing Staff Flying	X-7-07
0204151N	COD Squadrons	
0204152N	E-2 Squadrons	

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0204153N		Reconnaissance Squadrons	
0204154N		Sea-Based Electronic Warfare Squadrons	
0204155N		Shore-Based Electronic Warfare Squadrons	
0204156N		Readiness Squadrons	
0204157N		F/A-18 Fleet Readiness Squadron (Fighter) (H)	X-4-03
0204158N		F/A-18 Fleet Readiness Squadron (Attack) (H)	X-4-03
0204161N		Aviation Support CVW	X-7-09
0204162N		Air-Launched Ordnance and Missiles - Attack Air Wings	
0204163N		Fleet Telecommunications (Tactical)	
0204164N		Aircraft Intermediate Maintenance Department	X-80-009
0204165N		Ordnance Support Equipment	X-2-003
0204166N		Ashore Mobile Contingency Comm/Afloat Contingency Cmd Ctl Van Systems	X-5-07
020420	Sea Control Forces		
0204211N		ASW Carriers (H)	
0204220N		Battleships	X-1-004
0204221N		Cruisers	X-80-001
0204222N		Destroyers - Missile	X-80-001
0204223N		Destroyers - Non-Missile	X-80-001
0204224N		Frigates - Missile	X-80-001
0204225N		Frigates - Non-Missile	X-80-001
0204226N		Patrol Combatants	X-80-001
0204227N		Support Forces	X-80-001
0204228N		Surface Support	X-80-001

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0204229N		Tomahawk and Tomahawk Mission Planning Center (TMPC)	X-93-3
0204231N		A-4 Squadrons (H)	
0204232N		S-2 Squadrons (H)	
0204233N		SH-3/SH-60F Squadrons	X-9-05
0204234N		S-3 Squadrons	
0204235N		Other Squadrons (H)	
0204241N		VSTOL Support Ships (VSS) (H)	X-80-004
0204242N		AV-8B Squadrons	
0204243N		Light Airborne Multi-Purpose System (LAMPS)	
0204251N		ASW Patrol Squadrons	
0204261N		Aviation Support	
0204262N		Readiness Squadrons	
0204271N		Air-Launched Ordnance and Missiles	
0204281N		Submarines	
0204282N		Support Forces	
0204283N		Submarine Support	
0204284N		Submarines Ordnance and Missiles	
020430	Mine Warfare Forces		
0204302N		Mine Countermeasures Forces	
0204303N		Air Mine Countermeasures Squadrons	
0204304N		Mines and Mine Support	
0204311N		Integrated Surveillance System	X-93-3
0204312N		Undersea Surveillance System - Communications	

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0204313N		Ship-Towed Array Surveillance Systems	
020440	Sea Projection Forces		
0204411N		Amphibious Assault Ships	
0204412N		Amphibious Support Ships	
0204413N		Amphibious Tactical Support Units	X-0-08
0204414N		Amphibious Tactical Support Units (Non-displacement Craft)	X-0-08
0204421N		Coastal/River Forces (H)	X-4-04
0204422N		Inshore Undersea Warfare Forces	
0204423N		Naval Special Warfare Forces	X-4-04
0204424N		Explosive Ordnance Disposal Forces	
0204441N		Underway Replenishment Ships	
0204451N		Major Fleet Support Ships	
0204452N		Minor Fleet Support Ships	
0204453N		Direct Support Squadrons - Aircraft	
0204454N		Special Combat Support Forces	
0204455N		Naval Construction Forces	
0204456N		Ship Support Improvement Program	
0204457N		Shore Intermediate Maintenance Activities	X-80-009
0204458N		Fleet Logistics Support	
0204561N		Deep Submergence Systems	
0204571N		Consolidated Training Systems Development	X-93-3
0204572N		Space Activities	
0204573N		Navy Cover and Deception Program	X-93-4

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0204574N	Cryptologic Direct Support		
0204575N	Electronic Warfare (EW) Readiness Support		X-93-4
0204576N	Counter C3 Development		X-93-4
0204577N	Counterdrug Relocatable Over-the-Horizon-Radar	(ROTHR)	X-94-2
0204598N	Management Headquarters (Electronic Warfare)		X-3-04
020460	Support Forces - Shore-Based		
0204632N	Sea Control Training (H)		X-80-004
0204633N	Fleet Support Training		
0204641N	Ship Special Support Equipment		X-9-05
0204651N	Operational Headquarters (Fleet)		
0204652N	Operational Headquarters (Sea Control/Projection)		
0204654N	Operational Headquarters (Sea Control - Air)		
0204655N	Operational Headquarters (Sea Control - Surface)		
0204656N	Operational Headquarters (Sea Control - Subsurface)		
0204660N	Navy Command and Control Systems (NCCS)		
0204661N	Fleet Command Support Centers (FCSC) (H)		
0204662N	Tactical Interoperability and Information Support Systems		
0204676N	Minor Construction (RPM) - Naval Air Bases		X-91-3
0204678N	Maintenance and Repair (RPM) - Naval Air Bases		X-91-3
0204679N	Real Property Services (RPS) - Naval Air Bases		X-94-7
0204694N	Real Property Maintenance - Naval Air Bases (H)		X-93-2
0204695N	Base Communications - Naval Air Bases		X-80-006
0204696N	Base Operations - Naval Air Bases		X-95-1

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0204698N	Management Headquarters (Fleet)	
0204776N	Minor Construction (RPM) - Fleet Supp Surface	X-91-3
0204778N	Maintenance and Repair (RPM) - Fleet Supp Surface	X-91-3
0204779N	Real Property Services (RPS) - Fleet Support Surface	X-94-7
0204794N	Real Property Maintenance - Fleet Supp Surface (H)	X-93-2
0204795N	Base Communications - Fleet Support Surface	X-80-006
0204796N	Base Operations - Fleet Support Surface	X-95-1
0204798N	Management Headquarters (Sea Control/Projection)	
0204876N	Minor Construction (RPM) - Fleet Supp Subsurface	X-91-3
0204878N	Maintenance and Repair (RPM) - Fleet Supp Subsurface	X-91-3
0204879N	Real Property Services (RPS) - Fleet Support Subsurface	X-94-7
0204894N	Real Property Maintenance - Fleet Supp Subsurface (H)	X-93-2
0204895N	Base Communications - Fleet Support Subsurface	X-80-006
0204896N	Base Operations - Fleet Support Subsurface	X-95-1
0204898N	Management Headquarters (Surface)	
0204976N	Minor Construction (RPM) - Fleet Log Support	X-91-3
0204978N	Maintenance and Repair (RPM) - Fleet Log Support	X-91-3
0204979N	Real Property Services (RPS) - Fleet Logistics Support	X-94-7
0204994N	Real Property Maintenance - Fleet Log Support (H)	X-93-2
0204995N	Base Communications - Fleet Logistics Support	X-80-006
0204996N	Base Operations - Fleet Logistics Support	X-95-1
0204998N	Management Headquarters (Subsurface)	
0205076N	Minor Construction (RPM) - Other Base Supp	X-91-3

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Program 2 -- General Purpose Forces — Latest Structure Change

0205078N		Maintenance and Repair (RPM) - Other Base Supp	X-91-3
0205079N		Real Property Services (RPS) - Other Base Support	X-94-7
0205094N		Real Property Maintenance - Other Base Supp (H)	X-93-2
0205095N		Base Communications - Other Base Support	X-80-006
0205096N		Base Operations - Other Base Support	X-95-1
02050970	(M,N)	Marine Corps Security Forces	X-0-08
020560		Operational Systems Development	
0205601N		HARM Improvement	X-3-03
0205603N		HARPOON Improvements (H)	X-80-004
0205604N		Tactical Data Links	X-93-3
0205605N		Directional JEZEBEL Sonobuoy System (H)	
0205616N		Aircraft System Fleet Support (H)	
0205617N		All Weather Carrier Loading System (H)	
0205618N		Target Fleet Support (H)	
0205619N		Aircraft Launch and Retrieval Fleet Support (H)	
0205620N		Surface ASW Combat System Integration	X-93-3
0205621N		Air Anti-Submarine Warfare Fleet Support (H)	
0205622N		DASH Weapons System (H)	
0205623N		Surface Ship Sonar Modernization	
0205624N		AN/SQR-18A Improvement	X-80-003
0205625N		AN/SQS-23 Sonar (H)	
0205626N		Sonar Fleet Support (H)	
0205628N		ASROC Weapons System (H)	

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0205629N	Torpedo MK-46 (H)	
0205630N	Torpedo Support Equipment (H)	
0205632N	MK-48 ADCAP	X-94-3
0205633N	Aviation Improvements	X-93-3
0205634N	Submarine Silencing	
0205635N	Ship Support (ASWEPS) (H)	
0205636N	Ammunition Fleet Support (H)	X-80-004
0205637N	Ordnance Fleet Support (H)	
0205638N	Surface Missile Systems Project (H)	X-80-004
0205639N	SHRIKE (H)	
0205640N	SADEYE (H)	
0205644N	BULLPUP Weapons Systems (H)	
0205645N	Modular Guided Glide Weapons Improvement Program	
0205646N	Chemical Warfare Weapons System (H)	
0205649N	AN/SPS-48 Radar (H)	
0205650N	ROCKEYE (H)	
0205651N	Navigational Systems (H)	
0205652N	Naval Tactical Data Systems (H)	
0205655N	Electronics Fleet Support (H)	
0205656N	Command and Control Centers (H)	
0205657N	Marine Propulsion (H)	
0205658N	Navy Science Assistance Program	X-93-3
0205660N	MK 48 Torpedo (H)	

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0205661N	Submarine ASW Weapon Improvement (H)	X-78-003
0205662N	Aircraft Propulsion Evaluation General	
0205663N	Aircraft Flight Test - General	
0205664N	SIDEWINDER Missile (AIM-9L) (H)	
0205665N	PHOENIX (AIM-54) (H)	
0205666N	F-14B (H)	
0205667N	F-14 Upgrade	X-5-07
0205668N	SPARROW (AIM-7F) (H)	X-78-003
0205669N	CONDOR (AGM-53) (H)	X-78-003
0205670N	Tactical Intelligence Processing	
0205674N	Electronic Warfare Counter Response	X-93-4
0205675N	Operational Nuclear Power Systems	X-94-3
0205680N	Standard ARM (H)	
020600	Forces (Fleet Marine)	
020610	Division/Wing Teams	
0206110M	AV-8 Squadrons (Marine Air Wing)	
0206111M	A-4 Squadrons (Marine Air Wing)	
0206112M	A-6 Squadrons (Marine Air Wing)	
0206114M	F-4 Squadrons (Marine Air Wing)	
0206115M	F-8 Squadrons (Marine Air Wing) (H)	
0206116M	Marine Fighter/Photo Reconn and Attack/EW Squadrons (H)	X-79-007
0206117M	Light Anti-Aircraft Missile (LAAM) Battalion	X-8-05
0206118M	Tactical Air Control Systems (Marine Air Wing)	

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0206119M	CH-37 Squadrons (H)	
0206120M	UH-1E Squadrons (Marine Air Wing)	
0206121M	CH-46/V-22 Squadrons (Marine Air Wing)	X-9-05
0206122M	CH-53 Squadrons (Marine Air Wing)	
0206123M	UH-34 Squadrons (Marine Air Wing) (H)	
0206124M	VMO Squadrons (Marine Air Wing)	
0206125M	Helicopter Combat Support (Marine Air Wing)	
0206126M	Tactical Combat Support (Marine Air Wing)	
0206127M	KC-130 Squadrons (Marine Air Wing)	
0206128M	Low Altitude Air Defense Battalion (LAAD)	X-8-05
0206129M	Other Squadrons (H)	
0206130M	F-14 Squadrons (MAW) (H)	
0206131M	Marine Light/Attack Helicopter Squadron (HML/A)	X-7-09
0206132M	Fleet Marine Forces Direct Support (H)	
0206133M	CH-60 Squadrons (Marine Air Wing)	X-9-05
0206134M	F/A-18 Squadrons (MAW)	X-4-03
0206138M	Air Launched Ordnance and Missiles (MAW) (TACAIR)	
0206139M	Aviation Support (MAW) (TACAIR)	
0206140M	Air-Launched Ordnance and Missiles (MAW) (Land Forces)	
0206141M	Aviation Support (MAW) (Land Forces)	
0206142M	Marine Tactical Reconnaissance Squadron	
0206143M	Marine Tactical Electronic Warfare Squadron	
0206144M	F/A-18 Tactical Reconnaissance Squadron (MAW)	X-4-03

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0206150M		Marine TACAIR Wing Staff Flying	X-7-07
020620	Divisions		
0206211M		Divisions (Marine)	X-78-002
020630	Combat Support		
0206311M		Force Troops (Marine) (H)	X-78-002
0206312M		Other Combat Support (Marine)	X-6-03
0206313M		Marine Corps Communications Systems	X-94-3
0206314M		SIGINT/EW Tactical Support	
0206315M		Force Service Support Group (FSSG)	
020640	Other Support (Marine)		
0206476M		Minor Construction (RPM) - Forces (Marine Corps)	X-91-3
0206478M		Maintenance and Repair (RPM) - Forces (Marine Corps)	X-91-3
0206479M		Real Property Services (RPS) - Forces	X-94-7
0206480M		Norway Geo-prepositioning	X-92-4
0206493M		F/A-18 Training Fighter Squadron (MAW) (H)	X-4-03
0206494M		Real Property Maintenance - Forces (Marine Corps) (H)	X-93-2
0206495M		Base Communications - Forces (Marine Corps)	X-80-001
0206496M		Base Operations - Forces (Marine Corps)	X-95-1
0206497M		Training (Marine)	
0206498M		Management Headquarters (Fleet Marine Force)	
020660	Operational System Development		
0206611M		Fleet Marine Force Expeditionary Airfield Support (H)	
0206612M		Helo Avionics Systems (H)	

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0206613M		Assault Support Helicopters (H)	
0206617M		Marine Corps Operation Logistics Development (H)	X-80-004
0206619M		Marine Corps Operation Electronics Development (H)	X-80-004
0206620M		Marine Corps Weaponry (H)	X-80-004
0206622M		Marine Corps Data Systems (H)	X-80-004
0206623M		Marine Corps Ground Combat/Supporting Arms Systems	X-78-014
0206624M		Marine Corps Combat Services Support	X-78-014
0206625M		Marine Corps Intelligence/Electronics Warfare Systems	X-78-014
0206626M		Marine Corps Command/Control/Communications Systems	X-78-014
0206627M		Marine Corps Technical Support Command and Control System (H)	X-91-2
020700	Forces (Air Force)		
020710	Combat Aircraft Units		
0207111F		B-57 Squadrons (H)	
0207112F		B-66 Squadrons (H)	
0207120F		A-37 Squadrons (H)	
0207121F		A-7 Squadrons (H)	X-7-04
0207122F		F-84 Squadrons (H)	
0207123F		F-86 Squadrons (H)	
0207124F		F-100 Squadrons (H)	
0207125F		F-101 Squadrons (H)	
0207126F		F-104 Squadrons (H)	
0207127F		F-105 Squadrons (H)	X-5-03
0207128F		F-4 Squadrons	X-93-1

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			Latest Structure Change
0207129F		F-111 Squadrons	
0207130F		F-15A/B/C/D Squadrons	X-7-10
0207131F		A-10 Squadrons	
0207132F		Fighter Derivative (H)	X-6-01
0207133F		F-16 Squadrons	
0207134F		F-15E Squadrons	X-7-10
0207135F		Tactical Air-to-Surface Missile (H)	X-95-2
0207136F		Manned Destructive Suppression	X-0-10
0207137F		CONSTANT HELP	X-5-06
0207139F		Competitive Fighter Procurement (H)	X-92-3
0207140F		A-12 Squadrons (H)	X-95-2
0207141F		F-117A Squadrons	X-9-02
0207151F		F-89 Squadrons (H)	
0207152F		F-102 Squadrons (H)	
0207160F		Tri-Service Standoff Attack Missile	X-92-5
02071610	(F,N)	Tactical AIM Missiles	X-94-3
0207162F		Tactical AGM Missiles	
02071630	(F,N)	Advanced Medium Range Air-to-Air Missile (AMRAAM)	X-94-3
0207164F		Medium Range Air-to-Surface Missile (H)	X-5-03
0207165F		Standoff Attack Weapon	X-3-03
0207166F		WASP Minimissile (H)	X-5-03
0207167F		Conventional Standoff Weapon (H)	X-6-01
0207168F		F-111 Self Protection Systems	X-6-01

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0207169F	SEEK CLOCK	X-6-01
020720	Combat Support Aircraft Units	
0207211F	RF-84 Squadrons (H)	
0207212F	RF-101 Squadrons (H)	
0207213F	RF-4 Squadrons	X-3-06
0207214F	RF-111 Squadrons (H)	X-80-004
0207215F	TR-1 Squadron (H)	X-95-2
0207216F	U.S. Aircraft Cross-Servicing	X-78-015
0207217F	Podded Reconnaissance System	X-95-4
0207218F	Tactical Fighter Training (Aggressor) Squadrons	
0207219F	F-22	X-93-3
0207221F	KB-50 Squadrons (H)	
0207222F	KC-10A	X-78-015
0207223F	KC-135s	X-93-1
0207224F	Combat Rescue and Recovery	X-94-5
0207231F	C-130 Tactical Airlift Squadrons (H)	
0207232F	C-7A Tactical Airlift Squadrons (H)	
0207233F	Aerial Port Squadrons (H)	
0207234F	C-123 Tactical Airlift Squadrons (H)	
0207235F	Tactical Aeromedical Airlift Squadrons (H)	
0207236F	Operational Headquarters (Tactical Air Forces)	
0207242F	Special Program Applications	X-93-1
0207243F	Tactical Drone Support Squadrons (H)	X-8-04

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0207244F		Location Strike Systems (H)	X-92-4
0207245F		Reconnaissance Remotely Piloted Vehicles (H)	X-80-004
0207246F		Expendable Drones (H)	X-7-04
0207247F		AF TENCAP	X-80-003
0207248F		Special Evaluation Program	X-93-4
0207249F		LANTIRN Procurement	X-1-005
0207251F		EB-66 Squadrons (H)	
0207252F		EF-111 Squadrons	
0207253F		Compass Call	X-80-005
0207254F		High Technology Air Force	X-94-6
0207268F		Aircraft Engine Component Improvement Program	X-95-1
020730	Missile Units		
0207311F		MACE (H)	
0207312F		MATADOR Squadrons (H)	
0207313F		MAVERICK	
0207314F		Ground Launched Cruise Missile	X-79-010
0207315F		Rapier Air Defense Missile System	X-1-001
02073160	(A,F,N)	TACIT RAINBOW (H)	X-95-2
0207317F		HARM Improved Seeker (H)	X-92-4
0207319F		Standoff Land Attack Missile (H)	X-92-4
0207320F		Sensor Fused Weapons	X-93-2
0207322F		AGM-142 (Have Nap) Missile System	X-95-4
0207323F		AGM-86C Conventional Air-Launched Cruise Missile System	X-96-1

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0207324F		Joint Standoff Weapon	X-93-2
020740	Units - Other		
0207411F		Overseas Air Weapon Control System	
0207412F		Theater Air Control Systems	X-94-5
0207413F		Southeast Asia Tactical Air Control System (SEATACS) (H)	
0207414F		Combat Intelligence System	X-95-1
0207415F		TBM Core C2 Systems	X-94-5
0207416F		TAC Command and Control System	
0207417F		Airborne Warning and Control System (AWACS)	X-3-06
0207418F		Tactical Airborne Control Systems	X-1-001
0207419F		Tactical Airborne Command and Control Systems	X-3-06
0207420F		Combat Identification	X-95-4
0207421F		Overseas Air Weapon Control System - Communications (H)	X-92-3
0207422F		Deployable C3 Systems	X-4-01
0207423F		Advanced Communications Systems	
0207424F		Evaluation and Analysis Program	X-93-1
0207425F		Command Communications - Tactical Air Forces	
0207426F		Air Force Operational Test and Evaluation Center (AFOTEC)	X-6-04
0207428F		Tactical Fighter Weapons Center Range	
0207429F		Combat Training Range Equipment	X-94-6
0207430F		Civil Engineer Squadrons, Heavy Repair	
0207431F		Combat Air Intelligence System Activities	X-94-1
0207432F		Aircraft Delivery	

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0207433F	Advanced Program Technology	X-93-1
0207434F	JTIDS Class 2/2H Terminal Support Activities	X-95-2
0207435F	Tactical Reconnaissance Imagery and Exploitation	X-3-06
0207436F	Engineering Installation Support -- CAF	X-92-4
0207437F	Close Air Support	X-95-2
0207438F	Theater Battle Management (TBM) C4I	X-93-1
0207439F	Electronic Warfare Integrated Reprogramming	X-0-10
0207440F	Tactical Air Control System for Counternarcotics	X-91-1
0207442F	Common Electronic Countermeasures Equipment (PODs)	X-92-3
0207456F	Environmental Compliance	X-94-6
0207479F	Real Property Services (RPS) - Tactical Air Forces	X-94-7
020750	Other Support (Air Force)	
0207575F	Counternarcotics Operations Support	
0207576F	Minor Construction (RPM) - Tactical Air Forces	X-91-3
0207578F	Maintenance and Repair (RPM) - Tactical Air Forces	X-91-3
0207579F	Advanced Systems Improvements	X-7-04
0207580F	Ground Training Munitions	X-7-01
0207581F	Joint Surveillance and Target Attack Radar System (Joint STARS)	X-4-06
0207582F	Have Trump (H)	X-8-06
0207583F	Joint Direct Attack Munitions	X-93-4
0207584F	Seek Axle (H)	X-93-4
0207585F	SEEK SPINNER (H)	X-92-3
0207586F	Fiber Optics (H)	X-92-4

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0207587F		Specialized Reconnaissance Systems	X-93-4
0207588F		Air Base Ground Defense	X-1-004
0207589F		Base Physical Security Systems	X-91-1
0207590F		Seek Eagle	X-8-04
0207591F		Advanced Program Evaluation	X-93-1
0207592F		Aerial Demonstration Team (H)	X-80-004
02075930	(F,N)	Nuclear, Biological and Chemical Defense Program	X-8-06
0207594F		Real Property Maintenance - Tactical Air Forces (H)	X-93-2
0207595F		Base Communications - Tactical Air Forces	
0207596F		Base Operations - Tactical Air Forces	X-95-1
0207597F		Training (Tactical Air Forces)	
0207598F		Management Headquarters (Tactical Air Forces)	X-1-006
0207599F		Munitions Training Items	
0207600F		Wind Corrected Munitions Dispenser Kit	X-94-6
0207601F		USAF Wargaming and Simulation	X-92-3
0207602F		Revolutionary Planning	X-95-4
020800	Other		
02080030	(A,F,M,N,S)	BRAC Part IV Savings	
02080040	(A,D,F,K,M,N,S)	Base Closure and Realignment Activities	
02080050	(A,D,F,K,N)	Base Realignment and Closure	X-9-02
0208006F		Mission Planning Systems	X-8-06
0208007F		Tactical Deception	X-5-03
0208008F		AMRAAM Operational Utility Evaluation (H)	X-4-02

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			01/03/96 Latest Structure Change
0208009N		TOMAHAWK Cruise Missile	X-1-009
02080100	(A,F,M,N)	Joint Tactical Communications Program (TRI-TAC)	X-80-002
02080110	(A,F,J,M,N)	CJCS Exercise Program	X-91-1
02080120	(A,D,F)	Defense Special Projects Group (DSPG) (H)	
0208013A		Special Ammunition Control - Non-United States	
0208014A		Combat Support Communications (H)	X-92-4
02080150	(A,N,F)	Combat Developments	X-80-009
0208016A		Unattended Ground Sensors (UGS) (H)	X-78-003
0208017N		Coast Guard Ship Support Program	
0208018A		Other Combat Development Activities	X-78-004
02080190	(A,F,N)	Tactical Information Program (TIP)	X-95-2
0208020D		Secretary of Defense Readiness Fund	
0208021F		Electronic Combat Support	X-2-002
02080220	(A,D,F,N)	Foreign Currency Fluctuations, Defense	X-8-06
0208023A		Surveillance, Target Acquisition, and Electronic Warfare	X-2-001
0208024N		F/A-18 Combat Development Squadrons	X-4-03
0208025N		F/A-18 Combat Development Attack Squadron (H)	X-4-03
0208026A		Tactical Intelligence and Related Activities (TIARA)	X-95-1
0208027J		CINC Readiness Fund	X-2-006
0208028F		Contingency Operations	X-94-5
0208029A		Army Strategic Mobility Program (ASMP)	X-94-6
02080300	(A,F,M)	War Reserve Materiel - Ammunition	
02080310	(A,F,M,N)	War Reserve Materiel - Equipment/Secondary Items	

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02080320	(A,F,M,N)	Stock Funded War Reserve Material (Service Controlled) (H)	X-92-4
02080330	(F,N,S)	Stock Funded War Reserve Material (DLA Controlled) (H)	X-92-4
0208034N		Mobility Enhancement	X-80-003
0208034M		Maritime Prepositioning Forces	X-92-4
0208035F		Stock Funded WRM (Service-Controlled) Fuels Related to Mil.Const. Prog.(H)	X-94-5
0208036N		Sealift Enhancement	X-4-04
0208037A		Prepositioned Equipment Configured in Unit Sets (POMCUS)	X-93-4
0208038F		Medical Contingency Hospitals	X-93-2
0208039F		9MM Handguns (H)	X-92-3
0208040F		Project Elegant Lady	X-2-005
0208041F		Joint Advanced Systems (H)	X-8-04
0208042F		HAVE FLAG	X-4-04
0208044F		Objectives and Program Evaluation Element	X-4-06
0208045Q		C3 Interoperability (Joint Tactical C3 Agency) (FY 87 and prior) (H)	X-91-2
0208045K		C3 Interoperability (Joint Tactical C3 Agency)	X-7-09
02080460	(A,F,M,N)	Service Support to Joint Tactical C3 Agency (DISA)	X-8-03
0208047F		Antiterrorism	X-7-04
0208048F		Insensitive Munitions Program	X-0-02
0208049J		Joint Warfighting Center	X-94-1
0208050N		Panama Canal Treaty Implementation Plan	X-92-2
0208051A		Joint Biological Defense Program	X-94-2
02080520	(A,D,F,J,M,N)	Joint Analytical Model Improvement Program	X-95-4
02080600	(C,F)	Theater Missile Defenses	X-93-3

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0208060C		Theater Missile Defenses	X-92-3
0208080D		Classified Programs	X-5-03
02080900	(A,F,M,N)	Visual Information Activities-Tactical	X-6-06
0208091N		Navy Broadcasting Service-AFRT	X-1-009
0208095A		Base Communications - General Purpose Forces	X-6-05
0208098F		Management Headquarters (Electronic Security Cmd)	X-80-005
0208114A		Air Traffic Control - Tactical	X-8-03
02081270	(A,F,M,N)	Industrial Fund and Stock Fund Support (H)	X-92-3
0208128N		Collateral Equipment Funding	X-0-08
0208160F		Technical Evaluation System	X-95-3
0208161F		Special Evaluation System	X-95-3
0208198A		Management HQS (CAA)	X-1-006
0208298K		Management Headquarters (Joint Tactical C3 Agency)	X-7-09
0208298Q		Management Headquarters (Joint Tactical C3 Agency) (FY 87 and prior) (H)	X-91-2
02083050	(DA,DF,DN)	Base Support	X-93-3
0208384BP		Chemical and Biological Defense Program	X-95-1
0208610A		Information Management-Automation-Program 2	X-9-04
0208615A		Automated Acquisition Mgt & Spt: Project Mgrs-Prog 2	X-9-04
0208616A		Information Mgt-Central Software Design-Program 2	X-9-04
02087190	(A,F,M,N)	Child Development	X-93-3
02087200	(A,F,M,N)	Family Centers	X-93-3
02088530	(A,F,M,N)	Environmental Conservation	X-94-6
02088540	(A,F,M,N)	Pollution Prevention	X-94-6

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0208861C		Theater High-Altitude Area Defense System Procurement Program	X-95-1
0208862C		Theater Missile Defense Ground Based Radar (GBR-T) Procurement Program	X-95-1
0208863C		HAWK Upgrades Procurement Program	X-95-1
0208864C		Battle Management and C4I for TMD Acquisition Program	X-95-1
0208865C		Patriot PAC-3 Procurement Program	X-95-1
0208867C		Navy Lower Tier Procurement Program	X-95-1
02088890	(A,B,D,F,G,J,K,L,M,N)	Counterdrug Support	X-94-2
0211148A		Service Support to SOF Activities (H)	X-92-4
0212120A		Special Operations Command, USLANTCOM	X-0-09
0212130A		Special Operations Command, USEUCOM	X-0-09
0212140A		Special Operations Command, USPACOM	X-0-09
0212150A		Special Operations Command, USSOUTHCOM	X-0-09
0212380A		Special Operations Command, USCENTCOM	X-0-09

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Program 3 -- Command, Control, Communications, Intelligence and Space
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030100		General Intelligence and Cryptologic Activities	
03010110	(A,D,F,G,N)	Cryptologic Activities	X-93-4
03010550	(A,F,G,N)	Cryptologic Communications	X-79-008
0301153F		Environmental Conservation	X-94-6
0301154F		Pollution Prevention	X-94-6
0301156F		Environmental Compliance	X-94-6
03011760	(A,F,N)	Minor Construction (RPM) - Cryptologic	X-91-3
03011780	(A,F,N)	Maintenance and Repair (RPM) - Cryptologic	X-91-3
03011790	(F,N)	Real Property Services (RPS) - Cryptologic	X-94-7
03011940	(A,F,N)	Real Property Maintenance - Cryptologic (H)	X-93-2
03011960	(A,N,F)	Base Operations - Cryptologic	X-95-1
03011980	(A,F,G,N)	Management Headquarters (Cryptologic)	X-1-006
0301301L		General Defense Intelligence Program	X-80-007
0301302A		Army Intelligence Agency	X-91-2
0301303N		Maritime Intelligence	X-95-3
0301304N		Ocean Surveillance Information Center	X-93-4
0301305F		Intelligence Production Activities	X-80-007
0301307A		Foreign Science and Technology Center	X-91-2
03013080	(A,L)	Missile Intelligence Agency	X-91-2
0301309N		Intelligence Support Center	X-80-007
0301310F		Foreign Technology Division	X-80-007
03013110	(A,L)	Armed Forces Medical Intelligence Center	X-5-01

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0301313F		Defense Dissemination Program	X-93-4
0301314F		IR/EO/DEW Processing and Exploitation	X-93-4
0301315F		Missile and Space Technical Collection	X-94-1
0301317F		SENIOR YEAR Operations	X-93-4
03013180	(A,F,N,M)	HUMINT (Controlled)	X-94-1
0301320F		Defense Attache System	X-80-007
03013210	(A,F,N,M)	HUMINT (Overt)	X-94-1
0301323N		Collection Management	X-96-1
0301324F		FOREST GREEN	X-93-4
0301325N		PRAIRIE WAGON (H)	X-93-4
0301326N		PRAIRIE SCHOONER	X-93-4
03013270	(A,N)	Technical Reconnaissance and Surveillance	X-94-1
03013280	(F,N)	USSTRATCOM GDIP Activities	X-94-1
03013290	(A,F,N)	European Command GDIP Activities	X-80-007
03013300	(A,N,F)	Pacific Command GDIP Activities	X-7-07
03013310	(A,N,F)	Atlantic Command GDIP Activities	X-7-07
03013320	(A,F,N)	Readiness Command GDIP Activities	X-5-07
0301333N		Fleet Intelligence Support	X-80-007
03013340	(A,F,N)	Other Commands GDIP Activities	X-9-02
03013350	(A,F,N,M)	Information Systems GDIP Support	X-94-1
03013360	(A,F,N)	Special Operations/Central Command GDIP Activities	X-9-02
0301339B		Intell Telecom and Defense Special Security (H)	X-80-007
03013390	(A,N,F)	Intell Telecom and Defense Special Security Sys	X-80-007

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0301340L		Technology Transfer Functions	X-3-01
0301355N		Navy Organizational Support	X-95-3
0301357F		NUDET Detection System	X-93-4
0301359A		Special Army Program	X-3-06
0301380F		CREEK RIB (H)	X-80-007
0301381A		LEFIRM ARMOR (H)	X-80-007
0301382F		BIG TEAM (H)	X-80-007
0301383F		Reconnaissance Drone Operations (H)	X-80-007
03013980	(A,N,F,L)	Management Headquarters GDIP	X-80-007
030200		National Military Command System	
0302011F		National Military Command Center (NMCC)	
03020120	(A,D)	Alternate National Military Command Center (ANMCC)	X-4-03
0302015F		National Emergency Airborne Command Post and E-48 Class V Mods	X-3-04
0302016N		National Military Command System-Wide Support (H)	X-4-03
03020160	(F,J,K)	National Military Command System-Wide Support	X-4-03
0302017K		WWMCCS ADP - JTSA	
0302018K		WWMCCS ADP - NMCS	
0302019K		Joint/Defense Information Systems Engineering and Integration	X-94-3
0302051N		National Emergency Command Post Afloat-Communications (H)	
0302052F		National Emergency Airborne Command Post (NEACP) - Communications	
0302053N		NMCS-Wide Support - Communications (H)	
03020530	(A,F)	NMCS-Wide Support - Communications	
030300		Communications	

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0303109N		Satellite Communications	
0303110F		Defense Satellite Communications System	
0303111A		Strategic Army Communications (STARCOM)	X-93-1
0303112F		Air Force Communications (AIRCOM)	
0303113N		Navy Communications (NAVCOM)	
03031140	(A,F)	Alaska Communications System (Non-IF) (H)	
0303115A		Information Mission Area Chargeback (IF) (H)	X-96-1
0303116A		Revenues--Info Msn Area Chargeback (IF) (H)	X-94-3
0303117K		Defense Communications Services (IF)	
0303118K		Revenues (Defense Communications Services) (IF) (H)	X-94-3
0303119F		Alaska Communications System (IF) (H)	
0303120F		Revenues (Alaska Communications System) (IF) (H)	
03031250	(DA,DF,DN,DK,DS,DBD)	Information Services	X-95-3
03031260	(A,F,K,N)	Long-Haul Communications (DCS)	
03031260	(DA,DF,DN,DK,DS,DBD)	Information Services (H)	X-95-1
03031270	(A,F,K,M,N)	Support of the National Communications System	X-1-010
03031280	(A,F,G,K,N,S)	Inter-Service/Agency Automated Message Processing Exchange (H)	X-91-2
03031290	(A,B,D,F,G,K,L,N,S)	Defense Message System	X-8-06
03031310	(A,F,K,N)	Minimum Essential Emergency Communications Network (MEECN)	
0303132G		Global Grid Communications	X-92-3
0303133F		High Frequency Radio Systems	X-94-6
03031400	(A,D,F,G,K,L,N)	Information Systems Security Program	X-95-1
0303142A		SATCOM Ground Environment	X-80-002

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0303144F		Electromagnetic Compatibility Analysis Center (ECAC)	
0303145A		EUCOM C3 Systems	X-80-002
0303147F		Miscellaneous Aircraft Communications (H)	
03031490	(A,F,M,N,J,K)	C4I for the Warrior	X-95-2
03031500	(A,F,H,J,K,M,N)	WWMCCS/Global Command and Control System	X-94-2
03031510	(A,F,H,N)	World-Wide Military Command and Control Systems (WWMCCS) ADP	X-3-01
03031520	(A,F,H,N,K)	World-Wide Military Command and Control Systems, Information System	X-1-002
0303153K		Joint Spectrum Center	X-95-1
0303154F		WWMCCS ADP Modernization (H)	X-92-3
03031540	(J,K)	WWMCCS ADP Modernization	X-9-02
03031560	(A,M,N)	Environmental Compliance	X-94-6
03031760	(A,N)	Minor Construction (RPM) - Communications	X-91-3
03031780	(A,N)	Maintenance and Repair (RPM) - Communications	X-91-3
03031790	(F,N)	Real Property Services (RPS) - Communications	X-94-7
0303189F		Communication Support to Counternarcotics	X-91-1
03031900	(A,N)	Visual Information Activities-Communications	X-7-04
03031940	(A,N)	Real Property Maintenance - Communications (H)	X-93-2
0303194A		Real Property Maintenance - Communications (H)	X-93-2
0303196A		Base Operations - Communications	X-0-09
03031960	(A,F,N)	Base Operations - Communications	X-95-1
0303197A		Tactical Support - Maintenance of Tactical Equipment (Communications)	X-7-02
03031980	(F,N)	Management Headquarters (Communications Support) (H)	X-7-04
0303289A		Communications Support to OSD Counternarcotics Activities	X-0-10

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03032980	(A,N)	Management Headquarters (WWMCCS ADP)	
03033980	(A,N)	Management Headquarters (WWMCCS Information System)	X-1-002
0303401K		Communications Security (COMSEC) (H)	
03034010	(A,F,G,L,N)	Communications Security (COMSEC)	
0303601F		Milstar Satellite Communications System	X-5-01
0303603F		MILSTAR Satellite Communications System	X-93-4
0303603N		Milstar Satellite Communications System	X-9-05
0303605F		Satellite Communications Terminals	X-80-005
0303606F		UHF Satellite Communications	X-92-5
03038980	(F,G)	Management Headquarters (Communications Security) (H)	X-5-03
0303898N		Management Headquarters (Communications Security)	X-5-03
03039980	(A,F,K,N)	Management Headquarters (Communications)	X-1-006
030400	Special Activities		
03041110	(D,F,N)	Special Activities	
03041110	(A,G)	Special Activities (H)	
0304112N		Special Collection	
0304113N		Special Systems (H)	X-78-001
0304114N		Special Activities Support	X-78-001
03042110	(F,G)	National Activities	
0304212F		Federal Activities	X-2-003
0304213F		International Activities	X-9-02
0304311G		Selected Activities (H)	X-80-004
03043110	(D,F)	Selected Activities	X-91-1

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030500		Activities (Other)	
0305098L		Defense Support Activity - IPSG	X-93-1
0305101D		Special Technology Support	X-94-3
0305106LC		Consolidated Imagery Activities	X-93-2
0305107LC		Tactical Imagery Activities	X-93-2
0305108K		Command and Control Research	X-3-03
0305109F		DoD Civil Search and Rescue (SAR)	X-78-008
0305110F		Satellite Control Network	X-93-1
03051110	(F,N)	Weather Service	X-79-007
0305112N		Oceanography	
0305114A		Traffic Control, Approach and Landing System-FY 1987 and Prior (H)	X-91-2
0305114F		Air Traffic Control, Approach, and Landing System (ATCALS)	X-92-4
0305115H		Nuclear Weapons Operations	X-6-03
0305116F		Aerial Targets	
0305117F		Weather/NOTAM Communications	X-3-04
0305118F		TITAN III Vehicle (H)	
0305119F		Medium Launch Vehicles	X-0-02
0305120A		Army Combat Development Activities (H)	
0305121F		Manned Orbiting Laboratory (H)	
03051220	(D,N)	LORAN Stations (H)	
0305123F		AFCC Engineering and Installation	X-5-03
0305124F		Special Applications Program	X-7-01
0305125N		Advance Support Communications (H)	X-80-004

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Program 3 -- Command, Control, Communications, Intelligence and Space — Latest Structure Change

0305126F		R-2508 Air Traffic Control (ATC) Enhancement	
03051270	(A,BA,F,L,M,N,V)	Foreign Counterintelligence Activities	X-91-1
0305128H		Security and Investigative Activities (H)	X-4-04
03051280	(A,F,L,N,V)	Security and Investigative Activities	X-4-04
0305129V		Defense Investigative Service Communications	
0305130F		AFSCN Operations	X-93-1
03051310	(A,F)	Mapping, Charting, and Geodesy (H)	X-79-010
03051310	(B,N)	Mapping, Charting, and Geodesy	X-93-1
0305132B		Defense Mapping Agency Communications	X-93-1
0305133V		Industrial Security Activities	X-4-04
0305134N		Physical Security	X-3-06
0305135BA		On-Site Inspection Agency Activities	X-8-02
0305136BA		Nuclear Weapons Operations Communications	X-9-05
0305137F		National Airspace System (NAS) Plan	X-0-02
0305138F		Upper Stage Space Vehicles	X-0-05
0305139B		DMA Mapping, Charting, and Geodesy (MC&G) Production System Improvements	X-93-1
0305140L		DIA Special Programs	X-4-03
03051410	(A,D,F,M,N)	Joint Remotely Piloted Vehicles Program	X-0-06
0305142F		Applied Technology and Integration	X-93-1
0305143D		National Airspace System Modernization Program	X-9-02
0305144F		Titan Space Launch Vehicles	X-0-05
03051450	(A,F,M,N)	Arms Control Implementation	X-94-2
0305149F		COBRA JUDY	X-95-1

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DEPARTMENT OF DEFENSE
Program Element Codes and Titles

Program 3 -- Command, Control, Communications, Intelligence and Space

01/03/96
Latest Structure Change

0305150A		Air Reconnaissance Low	X-94-3
0305151F		Satellite Control Network Communications	X-9-02
0305152H		Nuclear Weapons Operations Communications	
03051540	(A,D,F,I,G,N,M)	Defense Airborne Reconnaissance Program	X-94-3
0305155F		Theater Nuclear Weapon Storage & Security System	X-3-02
0305156F		Support Program (H)	X-5-03
0305157I		Land Remote Sensing Satellite System	X-93-2
0305158F		CONSTANT SOURCE	X-0-02
03051590	(A,B,D,G,I,L,N)	Defense Reconnaissance Support Activities	X-94-1
0305159F		Defense Reconnaissance Support Activities (H)	X-95-2
03051600	(F,N)	Defense Meteorological Satellite Program (DMSP)	
0305161F		Aerial Survey (H)	
0305162F		Defense Meteorological Satellite Program Communications	
0305163G		Public Affairs (NSA) (H)	
03051640	(A,F,N,M)	NAVSTAR Global Positioning System (User Equipment)	X-79-010
0305165F		NAVSTAR Global Positioning System (Space and Control Segments)	
03051660	(N,G)	Special Development	X-78-016
0305167G		Computer Security	X-5-03
03051670	(A,F,N)	Computer Security (H)	X-5-03
0305168A		National Science Center for Communications and Electronics	X-5-05
0305169A		U.S. Army Space Activities	X-9-04
0305170F		Space Support Program (H)	X-6-01
0305171F		Space Shuttle Operations	X-5-09

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DEPARTMENT OF DEFENSE
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Program 3 -- Command, Control, Communications, Intelligence and Space — Latest Structure Change

0305172F		Combined Advanced Applications	X-93-1
0305173F		Consolidated Space Test Center/Space Test Range	X-8-06
0305174F		Space Warfare Center	X-94-5
0305175F		Space-Based Radar Operations	X-0-06
03051760	(A,F,M,N)	Combat Survivor Evader Locator	X-96-1
03051800	(A,BB,D,F,L,LC,G,N)	Undistributed NFIP Adjustments	05/01/90
0305181F		Western Space Launch Facility (WSLF)	X-93-4
0305182F		Eastern Space Launch Facility (ESLF)	X-93-4
0305185F		CAVALRY (H)	X-94-1
0305190D		C3I Intelligence Programs	
0305191N		Navy Tactical HUMINT	X-96-1
0305198F		Management Headquarters (TRACALS)	X-1-006
03052980	(A,L)	Management Headquarters (FCI)	X-5-01
0305398A		Management Headquarters (S&IA and Other)	X-5-01
0305498A		MGT HQ (U.S. ARMY SPACE COMMAND)	X-0-03
0305598LC		Management Headquarters - Central Imagery Office	X-93-2
03056980	(A,F,L,M,N)	Management Headquarters Element, US Space Command	X-95-
0305701A		Base Communications - CONUS (H)	X-9-01
0305702A		Base Communications - Europe (H)	X-9-01
0305703A		Base Communications - Pacific (H)	X-9-01
0305789A		Intelligence Support to Counternarcotics-TIARA	X-0-10
0305798B		DMA Headquarters Support Activity	X-2-008
030580	Other		

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DEPARTMENT OF DEFENSE
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Program 3 -- Command, Control, Communications, Intelligence and Space — Latest Structure Change

03058010	(A,F,M,N)	Service Support to DMA	
03058030	(A,F,M,N)	Service Support to DIA (Non-NFIP)	X-8-03
03058040	(A,F,M,N)	Service Support to NSA (Non-NFIP)	X-8-03
03058050	(A,F,M,N)	Service Support to NSA (NFIP)	X-8-03
03058060	(A,F,M,N)	Service Support to DNA	
03058070	(A,F,M,N)	Service Support to TJS	
03058080	(A,F,M,N,DA,DF,DM,DN)	Service Support to DISA	
03058090	(A,F,M,N)	Service Support to DIA (NFIP)	X-8-03
03058100	(A,F,M,N)	Service Support to OSIA	X-8-02
03058110	(A,F,N)	Service Support to DIS (H)	X-6-01
03058120	(A,F,M,N)	Service Support to DSPO/ARSP	X-8-06
0305813A		Service Support to NSA Tactical Cryptology Program	X-0-09
0305814A		Service Support to DISA Industrial Fund	X-0-09
0305815D		General Support for SO/LIC	X-91-1
03058160	(A,F,M,N)	Service Support to OSIA (NFIP)	X-92-3
03058200	(A,F,M,N)	Service Support to ISPG	X-93-1
03058210	(A,F,M,N)	Service Support to CIO	X-93-2
0305830K		Center for Information Management	X-91-2
03058530	(A,F,M,N)	Environmental Conservation	X-94-6
03058540	(A,F,M,N)	Pollution Prevention	X-94-6
0305856F		Environmental Compliance	X-94-6
0305870V		Defense Investigative Service Components	X-95-1
03058760	(F,N)	Minor Construction (RPM) - Other Program 3	X-91-3

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Program 3 -- Command, Control, Communications, Intelligence and Space			Latest Structure Change
03058780	(F,N)	Maintenance and Repair (RPM) - Other Program 3	X-91-3
03058790	(A,F,H,N)	Real Property Services (RPS) - Other Programs	X-94-7
0305884L		Intelligence Planning and Review Activities	X-94-1
03058850	(G,N)	Tactical Cryptologic Activities	X-2-003
03058860	(F,G)	RIVET JOINT Augmentation (H)	X-5-03
0305887F		Intelligence Support to Information Warfare	X-95-4
0305888F		Office of Special Investigation (OSI) Counternarcotic Support	X-92-3
03058890	(A,B,D,E,F,G,J,K,L,M,	Counterdrug Intelligence Support	X-94-2
03058900	(A,F,N)	Visual Information Activities-Other Program 3	X-6-06
0305892F		Special Analysis Activities	X-78-015
03058940	(A,F,N)	Real Property Maintenance - Other Program 3 (H)	X-93-2
03058950	(A,F,N)	Base Communications	X-6-05
0305896A		Base Operations - Other Program 3 (H)	X-80-001
03058960	(F,H,N)	Base Operations - Other Program 3	X-95-1
03058970	(H,N)	Training (H)	X-78-003
03058980	(A,F)	Management Headquarters (Auxiliary Forces) (H)	
03058980	(B,BA,H,L,N,V)	Management Headquarters (Auxiliary Forces)	X-8-02
0305901F		C3 Power Reliability Program	X-92-4
0305902F		Ballistic Missile Tactical Warning/Attack Assessment System	X-92-4
0305904F		Space Defense Interface Network	X-92-4
0305905F		Improved Space Based TW/AA	X-92-3
0305906F		NCMC - TW/AA System	X-92-4
0305907F		NCMC - Space Defense Systems	X-92-4

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DEPARTMENT OF DEFENSE
Program Element Codes and Titles
01/03/96

Program 3 -- Command, Control, Communications, Intelligence and Space — Latest Structure Change

0305908F		TW/AA Interface Network	X-92-4
0305909F		Ballistic Missile Early Warning System (BMEWS)	X-92-4
0305910F		SPACETRACK	X-92-4
0305911F		Defense Support Program	X-93-2
0305912F		Submarine-Launched Ballistic Missile (SLBM) Radar Warning System	X-92-4
0305913F		NUDET Detection System	X-92-4
0305914F		Engineering Inst Supt-AFSPACECOM	X-92-4
0305915F		Space Based Infrared Architecture (SBIR)	X-95-1
0305916F		Training - Space	X-95-3
03059190	(A,F,M,N)	Child Development	X-93-3
03059200	(A,F,M,N)	Family Centers	X-93-3
03059210	(A,F,M,N)	SPACECOM Combat Operations Staff	X-95-3
0305925F		Operational Headquarters - Space	X-95-3
0305927N		Naval Space Surveillance	X-95-3
0305928N		Space Systems Control	X-95-3
0305972N		Space Activities	X-95-3
0305996F		Base Operations - SPACECOM	X-95-1
03059980	(F,N)	Management Headquarters (Space Command)	X-92-4
0306098L		Management Headquarters - Joint Military Intelligence Program	X-95-4
0306098l		Management Headquarters - Joint Military Intelligence Program	X-95-4
0308012N		Collateral Equipment Funding	X-0-08
03086100	(A,F)	Information Management-Automation-Program 3	X-9-04
0308611F		Common Air Force Software Improvement and Insertion Program (CASIIP)	X-92-3

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DEPARTMENT OF DEFENSE
Program Element Codes and Titles
01/03/96

Program 3 -- Command, Control, Communications, Intelligence and Space

		Latest Structure Change
0308613A	Centrally Managed Sustaining Base for MIS	X-0-06
0308614A	Information Systems Selection Acquisition Activities	X-9-04
0308615A	Automated Acquisition Mgt & Spt: Project Mgrs-Program 3	X-9-04
0308616A	Information Mgt-Central Software Design-Program 3	X-9-04
0308621A	Acquisition Spt to Prog Exec Officers (Info Mgt)	X-0-05
0308625F	Industrial Fund and Stock Fund Support (H)	X-92-4
0308698A	Mgt Hqs - Svc Acq Exec Chartered PEOs (Prog 3)	X-0-09

NOTE: --(H) after Title = Historical (no resources in current fiscal year minus 1 or forward)

DEPARTMENT OF DEFENSE
Program Element Codes and Titles

Program 4 -- Mobility Forces

01/03/96
Latest Structure Change

040100	Airlift - Mobility Forces	
040110	Industrially Funded	
0401111F	C-97 Air Transport Squadrons (IF) (H)	
0401112F	C-118 Air Transport Squadrons (IF) (H)	
0401113F	C-121 Air Transport Squadrons (IF) (H)	
0401114F	C-124 Airlift Squadrons (IF) (H)	
0401115N	C-130 Airlift Squadrons (IF) (H)	
0401115F	C-130 Airlift Squadron	X-92-5
0401116F	C-133 Airlift Squadrons (IF) (H)	
0401117F	C-135 Airlift Squadrons (IF) (H)	
0401118F	C-141 Airlift Squadrons	X-94-5
0401119F	C-5 Airlift Squadrons	X-94-5
0401120F	Mobility Aerial Port Squadrons (IF)(H)	X-94-5
0401121F	C-124 Airlift Squadrons (Special) (IF) (H)	
0401122F	Airlift Support Services (IF)(H)	X-94-5
0401123F	Military Airlift Group (IF) (H)	X-94-1
0401124F	Aeromedical Airlift Squadrons (IF)(H)	X-94-5
0401125F	Aerial Port Squadrons (IF)(H)	X-94-5
0401126F	Passenger Movement (Commercial) (IF) (H)	X-8-06
0401127F	Cargo Transport (Commercial) (IF) (H)	X-8-06
0401128F	Mail Transport (Commercial) (IF) (H)	X-8-06
0401129F	THEME CASTLE (H)	X-92-4

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DEPARTMENT OF DEFENSE
Program Element Codes and Titles

Program 4 -- Mobility Forces

01/03/96
Latest Structure Change

0401130F		C-17 Aircraft	X-94-5
0401131F		Non Developmental Airlift Aircraft Squadrons	X-94-5
0401168F		Revenues (Airlift Service)(IF) (H)	X-92-4
040120	Non-Industrially Funded		
0401211F		C-123 Squadrons (Non-IF) (H)	
0401212F		C-124 Squadrons (Non-IF) (H)	
0401213F		Airlift Squadrons (Special) (Non-IF) (H)	
0401214F		Air Cargo Material Handling (463-L) (Non-IF)	
0401215F		Civil Reserve Air Fleet (CRAF) Modifications (Non-IF) (H)	X-95-2
0401216F		Airlift Mission Activities	X-94-5
0401217F		Special Air Mission - 89TH MAW	X-92-3
0401218F		KC-135s	X-93-1
0401219F		KC-10s	X-93-1
040130	Tactical Airlift		
0401300F		Mobility Air Intelligence System Activities	X-94-1
0401312F		Aerial Port Squadrons (H)	
0401313F		Advanced Medium STOL Transport (H)	X-5-03
0401314F		Operational Support Airlift	
0401315F		C-STOL Aircraft	X-7-04
0401316F		Senior Citizen (H)	X-95-2
0401317F		Tactical Airlift Modernization	X-91-1
0401318F		CV-22	X-95-3
040180	Other		

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DEPARTMENT OF DEFENSE
Program Element Codes and Titles

01/03/96
Latest Structure Change

Program 4 -- Mobility Forces

0401840F		AMC Command and Control System	X-94-5
0401841F		WWMCCS ADP - MAC (H)	X-8-04
0401842F		Engineering Installation Support-AMC	X-94-5
0401853F		Environmental Conservation	X-94-6
0401854F		Pollution Prevention	X-94-6
0401856F		Environmental Compliance	X-94-6
0401876F		Minor Construction (RPM) - Airlift	X-91-3
0401878F		Maintenance and Repair (RPM) - Airlift	X-91-3
0401879F		Real Property Services (RPS) - Mobility Forces	X-94-7
0401890F		Visual Information Activities-Airlift	X-6-06
0401894F		Real Property Maintenance - Airlift (H)	X-93-2
0401895F		Command and Base Communications - AMC	X-94-5
0401896F		Base Operations - Airlift	X-95-1
0401897F		Training	
0401898F		Management Headquarters (Airlift) (NON-DBOF)	X-94-5
0401998F		Management Headquarters (Airlift) (IF) (H)	X-92-3
040200	Sealift - Mobility Forces		
040210	Industrially Funded		
0402111N		Troop Transport (Military Manned) (IF) (H)	
0402112N		Troop Transport (Civilian Manned) (IF) (H)	
0402113N		Cargo -Vehicle (RO/RO) (IF) (H)	X-95-3
0402114N		Cargo - Other (IF) (H)	
0402115N		Fast Deployment Logistics Ships (IF) (H)	

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DEPARTMENT OF DEFENSE
Program Element Codes and Titles

Program 4 -- Mobility Forces

01/03/96
Latest Structure Change

0402116N		Forward Floating Depot (IF) (H)	
0402117N		Tankers (IF) (H)	
0402118N		Project Ships (IF) (H)	X-95-3
0402119N		Passenger Movement (Commercial) (IF) (H)	
0402120N		MSC Support - Mobility Enhancement (IF) (H)	X-95-3
0402121N		Cargo - Vehicle (RO/RO) (Commercial) (IF)	
0402122N		Cargo - Other (Commercial) (IF) (H)	
0402123N		POL Movements (Commercial) (IF)(H)	
0402124N		Commercial Tanker -Charted (IF)	
0402126N		Commercial RO/RO (Bareboat) (IF) (H)	
0402127N		Military Sealift Support - WWMCCS Information Systems (IF) (H)	X-1-005
0402167N		Military Sealift Command Area Headquarters (H)	X-95-3
0402198N		Management Headquarters (Sealift) (IF) (H)	X-95-3
0402199N		Revenues (Military Sealift Command) (IF) (H)	X-94-3
040300		Traffic Management and Water Terminals	
0403111A		Port Terminal Operations (Military) (IF) (H)	X-92-4
04031110	(F,N)	Port Terminal Operations (Military) (IF)	X-94-5
0403112A		Port Terminal Operations (Commercial)(IF) (H)	X-92-4
04031130	(A,F,N)	Traffic Management (IF) (H)	X-92-4
0403114A		Defense Freight Railway Interchange Fleet (DFRIF)(IF) (H)	X-92-4
0403168A		Revenues (MTMC)(IF) (H)	X-92-4
0403193A		Revenues (Real Prop. Maint.-Traffic Management)(IF) (H)	X-92-4
0403194A		Real Property Maintenance-Traffic Management (IF) (H)	X-92-4

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DEPARTMENT OF DEFENSE
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Program 4 -- Mobility Forces

01/03/96
Latest Structure Change

0403196A		Base Operations - Traffic Management (IF) (H)	X-92-4
0403197A		Revenues (Base Operations-Traffic Management)(IF) (H)	X-92-4
0403198A		Management Headquarters (Traffic Management) (IF) (H)	X-1-006
0403199A		Revenues (Mgt Hqs) (Traffic Mgt) (IF) (H)	X-9-01
0403211A		Transportation Engineering (H)	
040400	Special Operations and Combat Rescue Forces		
0404011F		Special Operations Forces	X-3-06
0404102F		Aerospace Rescue and Recovery	X-3-06
0406029A		Army Strategic Mobility Program (ASMP)	X-95-3
0406030A		War Reserve Materiel - Ammunition	X-95-3
0406037A		Prepositioned Equipment Configured in Unit Sets (POMCUS)	X-95-3
0406045A		End Item Industrial Preparedness Activities	X-95-3
040800	Other		
04080100	(DA,DF,DN,DBE)	Transportation	X-92-1
04080200	(A,F,M,N,DA,DF,DM,DN)	Service Support to USTRANSCOM	X-93-1
0408025M		Maritime Prepositioning Forces	X-95-3
0408026M		Norway Geo-Prepositioning	X-95-3
0408034N		Mobility Enhancement	X-95-3
0408036N		Sealift Enhancement (Surge)	X-95-3
0408042N		National Defense Sealift Fund	X-95-3
0408080F		USTRANSCOM C4 Systems	X-92-4
04080980	(A,F,M,N)	Management Headquarters (USTRANSCOM)	X-7-08
0408625F		Industrial Fund and Stock Fund Support (H)	X-92-4

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DEPARTMENT OF DEFENSE
Program Element Codes and Titles

01/03/96

Program 4 -- Mobility Forces

Latest Structure Change

04087190	(A,F,M,N)	Child Development	X-93-3
04087200	(A,F,M,N)	Family Centers	X-93-3

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DEPARTMENT OF DEFENSE
Program Element Codes and Titles

Program 5 -- Guard and Reserve Forces

01/03/96
Latest Structure Change

050100		Strategic Forces	
050110		Strategic Defensive Forces	
0501111F		F-86 Squadrons (H)	
0501112F		F-89 Squadrons (H)	
0501113F		F-100 Squadrons (H)	
0501114F		F-102 Squadrons (ANG) (H)	
0501115F		F-104 Squadrons (H)	
0501117F		F-101 Squadrons (ANG) (H)	X-5-03
0501118F		Defense System Evaluation Squadron (H)	
0501119F		F-101/F-102 Combat Crew Training School (CCTS) (ANG) (H)	
0501120F		F-106 Squadrons (ANG) (H)	X-92-3
0501123F		EB-57 Squadrons (ANG) (H)	X-5-03
0501124F		F-4 Fighter Interceptor Squadrons (ANG)	
05011890	(A,F,M,N)	Counterdrug Reserve OPTEMPO	X-94-2
0501196F		Base Operations - (Offensive) (AFR) (H)	X-95-3
0501198F		Management Headquarters (Strategic Forces)	X-1-006
0501216F		F-16 Air Defense Squadrons (ANG)	X-2-002
0501217F		F-15 Air Defense Squadrons (ANG)	X-3-02
0501218F		Air Defense Competitive Aircraft (ANG) (H)	X-9-02
0501296F		Base Operations - (Defensive) (AFR) (H)	X-95-3
0501305F		Operational Headquarters (1st Air Force)	X-94-6
0501311F		Command Control and Warning (ANG)	

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DEPARTMENT OF DEFENSE
Program Element Codes and Titles

Program 5 -- Guard and Reserve Forces

01/03/96
Latest Structure Change

0501312F		Airborne Early Warning and Control Systems (AFR) (H)	X-5-03
0501313F		Surveillance Radar Stations/Sites (AFR) (H)	X-5-03
0501314F		Region Control Centers (AFR)	
0501396F		Base Operations - Space Command (AFR) (H)	X-95-3
050140		Strategic Offensive Forces	
0501411F		KC-135 Squadrons (ANG)	
0501412F		KC-97 Squadrons (ANG) (H)	X-80-004
0501421F		KC-135 Squadrons (AFR-EQ)	X-95-1
0501422F		KC-135 Squadrons (AFR-Associate)	X-95-1
0501611N		Support Ships (FBM)	X-78-008
0501627F		B-52 Squadrons (ANG)	X-93-1
0501628F		B-1B Squadrons (ANG)	X-93-1
0501631N		Operational Headquarters (Fleet Ballistics Missile)	X-78-008
0501720F		B-52 Squadrons (AFR)	X-93-1
0501801A		NIKE-HERCULES (ARNG) (H)	
0501802A		NIKE-AJAX (ARNG) (H)	
0501928A		Service Support to FEMA (AR)	
050200		General Purpose Forces	
0502013A		Non-Divisional Combat Units (AUS) (H)	X-78-003
0502018A		Division Forces - Logistics Support (AUS) (H)	X-78-003
05020200	(A,F,M,N)	Desert Shield Callup (Section 673b)	
0502031N		War Reserve Materiel - Equipment/Secondary Items	X-5-04
0502032N		Stock-Funded War Reserve Materiel (Service-Controlled)	X-5-04

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DEPARTMENT OF DEFENSE
Program Element Codes and Titles

Program 5 -- Guard and Reserve Forces

01/03/96
Latest Structure Change

0502190N		Visual Information Activities-Tactical	X-6-06
0502196N		Base Operations - Other Base Support	X-95-1
0502198N		Management Headquarters (LANTCOM)	X-78-014
0502298N		Management Headquarters (PACOM)	X-78-014
050230	Naval Reserve		
0502305N		Attack Carriers (H)	
0502306N		Multi-Purpose Aircraft Carriers	X-80-003
0502310N		Attack Squadrons (H)	
0502311N		A-4 Squadrons (H)	X-80-004
0502312N		A-6 Squadrons	X-5-07
0502313N		A-7 Squadrons	X-78-014
0502314N		F/A-18 Squadrons	X-4-03
0502315N		Fighter Squadrons (H)	
0502316N		F-8 Squadrons (H)	
0502317N		F-4 Squadrons	X-78-014
0502319N		F-14 Squadrons	X-4-04
0502323N		COD Squadrons	X-78-014
0502324N		Early Warning Aircraft Squadrons	X-78-014
0502325N		Reconnaissance Squadrons	X-78-014
0502326N		Sea-Based Electronic Warfare Squadrons	X-78-014
0502328N		Readiness Squadrons (RCVW)	X-78-014
0502330N		Carrier ASW Squadrons (H)	
0502331N		S-2 Squadrons (H)	

NOTE: --(H) after Title = Historical (no resources in current fiscal year minus 1 or forward)

DEPARTMENT OF DEFENSE
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Program 5 -- Guard and Reserve Forces

		01/03/96 Latest Structure Change
0502332N	SH-3 Squadrons	X-78-014
0502333N	S-3 Squadrons	X-1-004
0502338N	Light Airborne Multi-Purpose System	X-2-006
0502341N	ASW Patrol Squadrons	X-78-014
0502343N	Readiness Squadrons (RCVG/KVP) (H)	X-80-004
0502345N	Support Forces	X-78-008
0502348N	Cruisers	X-78-014
0502349N	Destroyers - Missile	X-78-014
0502350N	Destroyers - Non-Missile	X-78-014
0502351N	Frigates - Missile	X-78-014
0502352N	Frigates - Non-Missile	X-78-014
0502353N	Patrol Combatants	X-1-005
0502354N	Support Forces	X-78-014
0502359N	Mine Countermeasures Forces	X-78-014
0502360N	Air Mine Countermeasures Squadrons	X-78-014
0502361N	Mines and Mine Support	X-78-014
0502363N	Undersea Surveillance Systems (H)	
0502366N	Amphibious Assault Ships	X-78-014
0502368N	Amphibious Tactical Support Units	X-78-014
0502371N	Coastal/River Forces	X-4-04
0502372N	Inshore Undersea Warfare Forces	X-78-014
0502373N	Naval Special Warfare Reserve Forces	X-4-04
0502374N	Explosive Ordnance Disposal Forces	X-78-014

NOTE: --(H) after Title = Historical (no resources in current fiscal year minus 1 or forward)

Program 5 -- Guard and Reserve Forces — Latest Structure Change

0502375N	Underway Replenishment Ships	X-78-014
0502377N	Major Fleet Support Ships	X-78-014
0502378N	Minor Fleet Support Ships	X-78-014
0502379N	Direct Support Squadron	X-78-014
0502380N	Special Combat Support - Cargo Handling	X-78-014
0502381N	Fleet Logistic Support	X-2-006
0502382N	Special Combat Support-Audio/Visual	X-2-006
0502383N	Special Combat Support (Harbor Clearance)	X-78-014
0502384N	Naval Construction Forces	X-78-014
0502385N	Shore Intermediate Maintenance Activities	X-80-009
0502386N	Deep Submergence Systems	X-78-008
0502387N	Cryptologic Direct Support	X-80-006
0502393N	Composite Readiness	X-1-005
0502398N	Management Headquarters (Other Unified Commands) (H)	X-78-003
0502413N	Fleet Support Training	X-78-014
0502421N	Operational Headquarters (Fleet)	X-78-014
0502422N	Operational Headquarters (Sea Control/Projection)	X-80-005
0502424N	Operational Headquarters (Sea Control/Air)	X-78-014
0502425N	Operational Headquarters (Sea Control/Surface)	X-1-005
0502426N	Operational Headquarters (Sea Control/Subsurface)	X-78-010
0502498N	Management Headquarters (Fleet)	X-78-014
050250	Marine Corps Reserve	

NOTE: --(H) after Title = Historical (no resources in current fiscal year minus 1 or forward)

Program 5 -- Guard and Reserve Forces — Latest Structure Change

0502501M	F-4 Squadrons (VMFA) (MCR)	
0502502M	A-4 Squadrons (MCR)	X-95-2
0502503M	Fixed-Wing Combat Support (MCR)	X-95-2
0502504M	KC-130 Squadrons (MCR)	X-95-2
0502505M	Tactical Combat Support (MCR)	X-95-2
0502506M	Surface-to-Air-Missile Defense (MCR)	X-95-2
0502507M	UH-1 Squadrons (HML) (MCR)	
0502508M	CH-46/V-22 Squadrons (MCR)	X-95-2
0502509M	CH-53 Squadrons (MCR)	X-95-2
0502510M	AH-1/UH-1 Squadrons (MCR)	X-95-2
0502511M	Divisions (MCR)	X-95-2
0502512M	Individual Mobilization Augmentee (IMA) Program (MCR)	X-95-2
0502513M	Other Combat Support (MCR)	X-95-2
0502514M	Force Service Support Group (MCR)	X-95-2
0502515M	Tactical Air Control Systems (MCR)	X-95-2
0502516M	Helicopter Combat Support (MCR)	X-95-2
0502517M	EA-6 Squadron (MCR)	X-95-2
0502518M	F/A-18 Squadrons (MCR)	X-95-2
0502579M	F-5 Aircraft (MCR)	X-95-2
0502595N	Base Communications - Fleet Support Surface Units	X-80-006
0502596N	Base Operations - Fleet Support Surface Units	X-95-1
0502598N	Management Headquarters (Surface)	
050260	Air National Guard	

NOTE: --(H) after Title = Historical (no resources in current fiscal year minus 1 or forward)

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Program 5 -- Guard and Reserve Forces

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0502608F	Training Aircraft (ANG)	X-3-03
0502609F	F-15 Tactical Fighter Squadrons (ANG)	X-4-02
0502610F	A-7 Squadrons (ANG)	
0502611F	F-84 Squadrons (ANG) (H)	
0502612F	F-86 Squadrons (ANG) (H)	
0502613F	F-100 Squadrons (ANG) (H)	X-80-004
0502614F	F-104 Squadrons (ANG) (H)	
0502615F	F-105 Squadrons (ANG) (H)	X-6-01
0502616F	A-37 Squadrons (H) (ANG)	X-2-005
0502617F	Tactical Fighter Training Squadrons (ANG) (H)	X-80-004
0502618F	F-4 Squadrons (ANG) (H)	X-95-2
0502619F	A-10 Squadrons (ANG)	
0502620F	F-16 Squadrons (ANG)	
0502621F	RB-57 Squadrons (ANG) (H)	
0502622F	RF-84 Squadrons (ANG) (H)	
0502623F	RF-101 Squadrons (ANG) (H)	X-80-004
0502624F	RF-4 Squadrons (ANG)	
0502625F	Air Base Ground Defense (ANG) (H)	X-8-04
0502626F	RF-16 Squadrons (ANG)	X-0-06
0502629F	F-4G Operations and Support (ANG)	X-92-3
0502631F	KC-97 Squadrons (ANG) (H)	
0502641F	Special Operations Squadrons (ANG) (H)	
0502642F	Air National Guard/Reserve OT&E Combat Development	X-9-05

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Program 5 -- Guard and Reserve Forces

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0502651F		C-123 Squadrons (ANG) (H)	
0502652F		Pacer Coin (ANG)	X-94-6
0502654F		C-7A Squadrons (ANG) (H)	
0502664F		EC-130 TEWS (ANG) (H)	X-92-3
0502671F		Tactical Air Control System - Air (ANG)	X-1-003
0502672F		Tactical Air Control System - Ground (ANG)	X-1-003
0502682F		B-57 Tactical Bombardment Squadrons (ANG) (H)	
050269	Naval Reserve		
0502695N		Base Communications - Naval Air Base Units (H)	X-91-2
0502696N		Base Operations - Naval Air Base Units	X-95-1
0502698N		Management Headquarters (Subsurface)	X-78-010
050270	Air Force Reserve		
0502711F		F-105 Squadrons (AFR) (H)	X-6-01
0502712F		A-37 Squadrons (AFR) (H)	X-5-03
0502713F		A-10 Squadrons (AFR)	
0502714F		F-4 Squadrons (AFR) (H)	X-95-2
0502715F		Reserve Augmentation Test (TFW) (AFR) (H)	X-80-004
0502716F		F-16 Squadrons (AFR)	
0502717F		Training Aircraft (AFR)	X-92-3
0502718F		OA-10 Squadrons (AFR)	X-95-1
0502721F		KC-10 Squadrons (AFR Associate)	X-95-1
0502741F		SOF Groups (AFR) (H)	X-92-3
0502751F		C-119 Squadrons (AFR) (H)	

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Program 5 -- Guard and Reserve Forces — Latest Structure Change

0502753F		C-123 Squadrons (AFR) (H)	
0502754F		C-130 Squadrons (AFR) (H)	
0502756F		C-7A Tactical Airlift Squadrons (AFR) (H)	
0502771F		Tactical Air Support Group (AFR) (H)	
0502772F		Tactical Airborne Command and Control System (TACCS) (AFR) (H)	X-5-03
0502781F		Electronic Combat Support (AFR) (H)	X-92-3
0502782F		Tactical Cryptologic Programs (AFR) (H)	X-91-2
0502796F		Base Operations - (Tactical Air Forces) (AFR)	X-95-1
0502798F		Management Headquarters (Tactical Air Forces)	X-1-006
050280	Army National Guard		
0502801A		Special Purpose Division Forces (ARNG) (H)	
0502802A		Other Divisions (ARNG) (H)	
0502803A		Non-Divisional (ARNG) Units (H)	
0502804A		Command Headquarters-Divisional (ARNG) (H)	
0502811A		Division Forces (ARNG)	X-91-2
0502812A		Nondivisional Combat Brigades/Regiments (ARNG)	X-91-2
0502813A		Other Nondivisional Combat Units (ARNG)	X-91-2
0502814A		Tactical Support Forces (ARNG)	X-91-2
0502821A		Divisions (ARNG) (H)	X-92-4
0502823A		Non-Divisional Combat Units (ARNG)(Nonaffiliated) (H)	X-92-4
0502824A		Tactical Support Forces (ARNG)(Nonaffiliated) (H)	X-92-4
0502881A		Special Mission Forces (ARNG) (H)	X-92-4
0502885A		Theater Defense Forces (ARNG)	X-91-2

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Program 5 -- Guard and Reserve Forces

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0502888A			National Guard Title 32 Support to CINC Counternarcotics Activities	X-0-03
05028880	(A,F)		National Guard Title 32 Support to CINC Counterdrug Activities	X-94-2
05028890	(A,F)		National Guard Title 10 Support to Counterdrug Activities	X-94-2
050289		Naval Reserve		
0502893A			Force-Related Training of Army National Guard Combat Units	X-96-1
0502896N			Base Operations - Fleet Support Subsurface Units	X-95-1
0502898N			Management Headquarters (Sea Control/Projection)	X-80-005
050290		Army Reserve		
0502901A			Special Purpose Division Forces (AR) (H)	
0502902A			Other Divisions (AR) (H)	
0502903A			Non-Divisional Units (AR) (H)	
0502904A			Command Headquarters-Divisional (AR) (H)	
0502911A			Division Forces (AR)	X-91-2
0502912A			Nondivisional Combat Brigades/Regiments (AR)	X-91-2
0502913A			Other Nondivisional Combat Units (AR)	X-91-2
0502914A			Tactical Support Forces (AR)	X-91-2
0502923A			Non Divisional Combat Units (AR)(Nonaffiliated) (H)	X-92-4
0502924A			Tactical Support Forces (AR)(Nonaffiliated) (H)	X-92-4
0502981A			Special Mission Forces (AR) (H)	X-92-4
0502985A			Theater Defense Forces (AR)	X-91-2
05029890	(A,F)		USAR and USAFR Support to CINC Counternarcotics Activities	X-91-1
050299		Naval Reserve		

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Program 5 -- Guard and Reserve Forces

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0502993A	Force-Related Training of Army Reserve Contingency Force Pool Units	X-96-1
0502996N	Base Operations - Fleet Logistics Support Units	X-95-1
050300	Intelligence and Communications	
0503011F	Other Support (AFR)	X-1-001
0503012F	Communication Squadrons (AFR)	X-8-06
0503098N	Management Headquarters (Cryptologic)	
0503098F	Management Headquarters Cryptologic (AFR)	X-1-001
0503109F	Counterintelligence and Investigative Activities (AFR)	X-6-04
050311	Air National Guard	
0503110F	Air Traffic Control (ANG)	X-96-1
0503111F	Deployable C4 Units (ANG)	X-93-4
0503112F	Weather Service (ANG)	
0503114F	Aerospace Rescue/Recovery (ANG)	
0503115F	Tactical Cryptologic Units (ANG)	X-6-04
0503116F	Space/Surveillance Operations (ANG)	X-94-5
0503117F	Imagery Exploitation and Production (ANG)	X-94-6
050312	Air Force Reserve	
0503120F	Communications Security (USAFR)	X-1-001
0503121F	Space Squadron - AFR	X-92-5
0503122F	Aerospace Rescue/Recovery (AFR)	
0503123F	Undistributed Intelligence Reserve (AFR) (H)	X-5-03
0503124F	Weather Service (AFR)	
0503125F	Intelligence Data Handling System (AFR)	

NOTE: --(H) after Title = Historical (no resources in current fiscal year minus 1 or forward)

0503126F		Intelligence Support Activities (AFR)	
0503127F		Defense Special Security System (AFR) (H)	X-5-03
0503128F		Service Support to DIA (AFR)	
0503129F		Scientific and Technical Intelligence (AFR)	
050313	Naval Reserve		
0503131N		Fleet Intelligence Support Activity	X-78-014
0503132N		Cryptologic Activities	X-78-014
0503136N		Intelligence Support Center	X-2-006
0503137N		Elint Centers	X-78-014
0503138N		Intelligence Production Activities	X-78-014
0503139N		Scientific and Technical Intelligence	X-79-011
0503140N		Intelligence Data Handling System (H)	X-78-003
0503141N		Intelligence Support Activities	X-2-006
0503143N		Cryptologic Communications	
0503144N		Intelligence Communications and Defense Special Security System	X-2-006
0503154N		Navy Communications (NAVCOM)	X-78-014
0503155N		Long-Haul Communications (NR)	
0503158N		Communications Security (COMSEC)	
0503170N		Weather Service	X-78-014
0503174N		Counterintelligence and Investigative Activities	X-78-014
0503196F		Base Operations - Comm/Intell (AFR)	X-95-1
0503198N		Management Headquarters (General Defense Intelligence Program)	X-2-006
0503298N		Management Headquarters (Communications Security)	

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050330		Other	
0503303N		Field Operational Intelligence Office	X-2-006
0503313F		Air Traffic Control and Telecom Electronic Support (AFR)	X-1-005
0503314F		Traffic Control/ Approach/Landing (ATCALS) (AFR)	X-95-2
0503329N		European Command GDIP Activities	X-2-006
0503330N		Pacific Command GDIP Activities	X-2-006
0503331N		Atlantic Command GDIP Activities	X-2-006
0503335N		ADP GDIP Support	X-2-006
0503398F		Management Headquarters (Communications) (H)	X-95-3
0503398N		Management Headquarters (Communications)	X-2-006
0503505N		Service Support to NSA (NR)	
0503584N		Defense Attache System (NR) (H)	X-80-009
0503596N		Base Operations - Communications Units	X-95-1
0503805F		Service Support to National Security Agency (AFR)	X-1-001
0503809N		Service Support to Defense Intelligence Agency	X-80-009
05038890	(A,F,M,N)	Counterdrug Support, Reserves	X-94-2
0503911A		Intelligence Support Activities (AR)	
050400		Mobility Forces	
050410		Airlift	
0504111F		C-97 Military Airlift Squadrons (ANG) (H)	
0504112F		C-119 Aeromed Squadrons (ANG) (H)	
0504113F		C-121 Military Airlift Squadrons (ANG) (H)	
0504114F		C-124 Military Airlift Squadrons (ANG) (H)	

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0504116F	Aeromedical Airlift Group (ANG) (H)	
0504117F	C-19 Strategic Airlift (ANG) (H)	X-8-04
0504118F	C-141 Strategic Airlift Squadrons (ANG)	X-4-06
0504119F	C-5 Strategic Airlift Squadrons (ANG)	X-4-02
0504120F	Aerial Port Units (ANG)	X-4-06
0504121F	C-17 Strategic Airlift Squadrons (ANG)	X-4-06
0504210F	C-141 Strategic Airlift Squadrons (AFR-Equipped)	X-4-06
0504211F	C-124 Military Airlift Squadrons (H)	
0504212F	Aerial Port Units (AFR)	X-3-02
0504213F	Airlift Support Squadrons (Mobile Enroute (AFR) (H)	
0504214F	C-17 Strategic Airlift Squadrons (AFR-Equipped)	X-4-06
0504215F	C-141 Airlift Squadrons (AFR-Associate)	X-5-03
0504216F	C-9 Squadrons (AFR Associate)	X-95-1
0504217F	C-5 Airlift Squadrons (AFR-Associate)	X-5-03
0504218F	C-17 Airlift Squadrons (AFR-Associate)	X-5-03
0504219F	C-5 Strategic Airlift Squadrons (AFR-Equipped)	X-4-02
0504314F	Operational Support Airlift (ANG)	X-6-04
0504316N	Military Sealift Command Area Headquarters	X-78-014
0504321N	Port Terminal Operations	X-2-006
050433	Tactical Airlift Units	
0504331F	C-123 Squadrons (ANG) (H)	
0504332F	C-130 Tactical Airlift Squadrons (ANG)	X-1-003
0504333F	C-7A Tactical Airlift Squadrons (ANG) (H)	X-5-03

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0504342F		C-123 Tactical Airlift Squadrons (AFR) (H)	X-92-4
0504343F		C-130 Tactical Airlift Squadrons (AFR)	X-3-02
0504344F		C-7A Tactical Airlift Squadrons (AFR) (H)	X-6-01
050439	Other		
0504396F		Base Operations - Airlift (AFR)	X-95-1
0504398N		Management Headquarters (Sealift)	X-78-014
0504498F		Management Headquarters (Mobility Forces)	X-1-006
0504932A		Port Terminal Operations (AR)	
0505001D		National Guard and Reserve Equipment	X-93-2
05050560	(M,N)	Environmental Compliance	X-94-6
0505076N		Minor Construction (RPM) - Other Naval Res	X-91-3
0505078N		Maintenance and Repair (RPM) - Other Naval Res	X-91-3
0505094N		Real Property Maintenance - Other Naval Res (H)	X-93-2
0505095N		Base Communications - Other Naval Reserve	X-80-006
0505096N		Base Operations - Other Naval Reserve	X-95-1
0505164N		Reserve Aircraft Intermediate Maintenance Department	X-80-009
0505165F		Nuclear/Biological/Chemical Defense Program (ANG) (H)	X-95-2
0505166F		Nuclear/Biological/Chemical Defense Program (AFR)	X-8-06
0505176N		Minor Construction (RPM) - Res Air Bases	X-91-3
0505178N		Maintenance and Repair (RPM) - Res Air Bases	X-91-3
0505194N		Real Property Maintenance - Res Air Bases (H)	X-93-2
0505195N		Base Communications - Reserve Air Bases	X-80-006
0505196N		Base Operations - Reserve Air Bases	X-95-1

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0505256F		Environmental Compliance (ANG)	X-94-6
0505276F		Minor Construction (RPM) - Air National Guard	X-91-3
0505278F		Maintenance and Repair (RPM) - Air National Guard	X-91-3
0505294F		Real Property Maintenance - Air National Guard (H)	X-93-2
0505296F		Base Operations - Air National Guard	X-95-1
0505356F		Environmental Compliance (AFR)	X-94-6
0505376F		Minor Construction (RPM) - Air Force Reserve	X-91-3
0505378F		Maintenance and Repair (RPM) - Air Force Reserve	X-91-3
0505393F		C4 System Support (ANG)	X-93-4
0505394F		Real Property Maintenance - Other (AFR) (H)	X-93-2
0505395F		Base Communications - Air Force Reserve	X-1-001
0505396F		Base Operations - Other (AFR)	X-95-1
0505610A		Information Management-Automation-Program 5	X-5-08
0505776M		Minor Construction (RPM) - Marine Corps Reserve	X-91-3
0505778M		Maintenance and Repair (RPM) - Marine Corps Reserve	X-91-3
0505794M		Real Property Maintenance - Marine Corps Reserve (H)	X-93-2
0505796M		Base Operations - Marine Corps Reserve	X-95-1
0505812A		Information Management - Army National Guard	X-92-3
05058530	(A,F)	Environmental Conservation - Guard	X-94-6
05058540	(A,F)	Pollution Prevention - Guard	X-94-6
0505856A		Environmental Compliance - Army NG	X-94-6
0505876A		Minor Construction (RPM) - Army National Guard	X-91-3
0505878A		Maintenance and Repair (RPM) - Army National Guard	X-91-3

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Program 5 -- Guard and Reserve Forces

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05058790	(A,F)	Real Property Services (RPS) - Guard	X-94-7
0505887A		Family Centers - Army NG	X-0-05
05058890	(A,F,N)	Counterdrug Intelligence Support, Reserves	X-94-2
0505894A		Real Property Maintenance - Army National Guard (H)	X-93-2
0505896A		Base Operations - Army National Guard	X-95-1
0505912A		Information Management - Army Reserve	X-92-3
05059530	(A,F,M,N)	Environmental Conservation - Reserve	X-94-6
05059540	(A,F,M,N)	Pollution Prevention - Reserve	X-94-6
0505956A		Environmental Compliance - Army Reserve	X-94-6
0505976A		Minor Construction (RPM) - Army Reserve	X-91-3
0505978A		Maintenance and Repair (RPM) - Army Reserve	X-91-3
05059790	(A,F,M,N)	Real Property Services (RPS) - Reserve	X-94-7
0505987A		Family Centers - Army Reserve	X-0-05
0505994A		Real Property Maintenance - Army Reserve (H)	X-93-2
0505996A		Base Operations - Army Reserve	X-95-1
050600		Research and Development	
0506198F		Management Headquarters (Research and Development)	X-1-006
0506284N		R&D Laboratories and Facilities Management Support	X-3-04
0506297N		R&D Project Ships	
0506307N		Facilities and Installations Support	X-78-014
0506806F		Acquisition and Command Support (AFR)	
0506807F		Test and Evaluation Support (AFR)	
0506898N		Management Headquarters (Research and Development)	X-2-006

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050700		Central Supply and Maintenance	
0507018N		Real Estate and Construction Administration	X-80-005
0507027N		Industrial Fund and Stock Fund Support	X-4-04
0507111F		Combat Logistics Support Squadrons (USAFR)	X-78-015
0507112F		Depot Maintenance (ANG)	
05071130	(M,N)	Logistic Support (Reserve)	
0507114F		Air Logistics Center Augmentation (AFR)	
0507115F		Depot Maintenance (AFR)	
0507196F		Base Operations - Logistics (AFR)	X-95-1
0507198F		Management Headquarters (Logistics) (H)	X-5-03
0507203N		Supply Depots/Operations	X-78-014
0507204N		Inventory Control Point Operations	X-78-014
0507205N		Procurement Operations	X-78-014
0507211N		Depot Maintenance	X-78-014
0507217N		Ship Maintenance Activities	X-78-014
0507219N		Naval Ordnance Activities	X-78-014
0507253N		Logistic Support Activities	X-80-005
0507254N		Naval Ship Engineering Center (NAVSEC)	X-78-014
0507255N		Navy Inactive Ship Maintenance Facility (H)	X-80-004
0507276N		Minor Construction (RPM) - Public Works Centers Units	X-91-3
0507278N		Maintenance and Repair (RPM) - Public Works Centers Units	X-91-3
0507294N		Real Property Maintenance - Public Works Centers Units (H)	X-93-2
0507296N		Base Operations - Logistics Units	X-95-1

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0507298N		Management Headquarters (Logistics)	X-78-014
0507310N		Service Support to DLA	X-78-014
0507891A		Depot Maintenance (ARNG)	
0507984A		Maintenance Activities (AR)	X-80-006
0507991A		Depot Maintenance (AR)	
050800	Training, Med. & Other Gen. Pers. Acts.		
0508111N		Recruit Training (NR)	
0508112N		Professional and Skill Progression Training (NR)	
0508114N		Flight Training (NR)	
0508131N		Care in Defense Facilities	X-5-07
0508136N		Health Activities	X-5-04
0508137N		Dental Care Activities	X-5-04
0508140M		Advertising Activities (MCR)	
0508141M		Recruit Training (MCR)	
0508142M		Professional Development Education and Skill Progression Training (MCR)	
0508143M		Undistributed Individual Ready Reserve (MCR)	
0508144M		Recruiting Activities (MCR)	
0508150F		Recruiting Activities (ANG)	
0508151F		Recruit Training (ANG)	
0508152F		Professional and Skill Progression Training (ANG)	
0508153F		Flight Training (ANG)	
0508154F		Advertising Activities (ANG)	
0508160F		Recruiting Activities (AFR)	

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0508161F		Recruit Training (AFR)	X-3-06
0508162F		Professional and Skill Progression Training (AFR)	
0508163F		Military Training School Reserve Unit	X-3-06
0508164F		Undistributed Individual Ready Reserve (AFR)	
0508166F		Flight Training (AFR)	
0508168F		Advertising Activities (AFR)	
0508169N		Service to Administrative Commands (H)	X-80-004
0508170N		Undistributed Individual Ready Reserve (NR)	
0508180D		Civil-Military Cooperation	X-94-5
05081900	(F,M,N)	Visual Information Activities-Reserve	X-6-06
0508195N		Base Communications - Training Units	X-80-006
0508196N		Base Operations - Training Units	X-95-1
0508198N		Management Headquarters (Training)	X-78-014
0508211F		Medical Service Units (AFR)	X-1-001
0508212F		Aeromedical Evacuation Units (AFR)	X-1-001
0508213F		Medical Mobilization Augmentees (AFR)	X-1-001
0508221F		Medical Readiness Units (ANG)	X-6-04
0508222F		Aeromedical Evacuation Units (ANG)	
0508290F		Visual Information Activities-Guard (H)	X-6-06
0508296F		Base Operations - Training (AFR)	X-95-1
0508298F		Management Headquarters (Training) (H)	X-5-03
0508711N		Recruiting Activities (NR)	X-5-04
0508712N		Advertising Activities (NR)	X-5-04

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0508716N		Other Personnel Activities	X-80-005
0508717F		Awaiting Initial Active Duty Training (ANG)	11/6/87
0508719N		Child Development	X-91-2
0508720N		Family Centers	X-91-2
05087890	(A,F,M,N)	Counterdrug Demand Reduction Activities, Reserves	X-94-2
0508792N		Station Hospitals and Medical Clinics	X-5-04
0508798N		Management Headquarters (Health Care)	X-5-04
0508814A		Medical Screening and Dental Examination of Army National Guard Members	X-96-1
0508890A		Visual Information Activities-Guard (H)	X-8-03
0508891A		Recruiting Activities (ARNG)	X-79-011
0508892A		Recruit Training (ARNG)	
0508893A		Professional and Skill Progression Training (ARNG)	
0508897A		Medical Support Units (ARNG)	
0508899A		Advertising Activities (ARNG)	
0508914A		Medical Screening and Dental Examination of Army Reserve Members	X-96-1
0508984A		IRR Training (AR)	X-91-2
0508985A		Undistributed IRR (AR)	X-91-2
0508990A		Visual Information Activities-Reserve	X-6-06
0508991A		Recruiting Activities (AR)	
0508992A		Recruit Training (AR)	
0508993A		Professional and Skill Progression Training (AR)	
0508995A		Field Activities - Public Affairs	X-5-06
0508997A		Medical Support Units (AR)	

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0508998A	Management Headquarters, Public Affairs (AR)	X-3-01
0508999A	Advertising Activities (AR)	
050900	Administration and Associated Activities	
0509118F	Civilian Disability Compensation (AFR)	X-91-1
0509218F	Civilian Disability Compensation (H)	X-95-2
0509220F	Reserve Readiness Support (ANG)	
0509297F	Civil Engineering Squadrons (ANG)	X-8-06
0509298F	Management Headquarters (ANG)	
0509313F	Other Support (AFR)	
0509330F	Reserve Readiness Support (AFR)	
0509389F	Federal Emergency Management Agency	X-80-005
0509391F	Service Support to Non-DoD Activities (AFR)	
0509392F	Personnel Administration (AFR)	
0509393F	Civil Engineering Flights (AFR)	
0509397F	Civil Engineering Squadrons, Heavy Repair (AFR)	
0509398F	Management Headquarters (AFR)	X-1-006
0509498N	Management Headquarters (Departmental Naval Reserve)	X-78-008
0509513N	Service Wide Support	X-2-006
0509517N	Service Support to Non-DoD Activities	X-78-014
0509519N	Public Affairs	X-78-014
0509520N	Reserve Readiness Support (Naval Reserve)	X-78-008
0509521N	Personnel Administration	X-2-006
0509523N	Personnel Administration (Naval Reserve)	X-80-005

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0509596N	Base Operations - Administrative	X-95-1
0509598N	Management Headquarters (Field Naval Reserve)	
0509698N	Management Headquarters (Departmental)	X-78-014
0509711M	Augmentation Units (MCR) (H)	
0509720M	Reserve Readiness Support (MCR)	X-95-2
0509891A	Mobilization Base Units (ARNG)	X-79-011
0509892A	Reserve Readiness Support (ARNG)	X-79-011
0509895A	Base Communications (ARNG)	
0509898A	Management Headquarters (ARNG)	X-1-006
0509989D	Army Reserve Construction Support	X-1-010
0509991A	Mobilization Base Units (AR)	
0509992A	Reserve Readiness Support (AR)	
0509993A	Personnel Administration (AR)	
0509995A	Base Communications (AR)	
0509998A	Management Headquarters (AR)	
0509999A	Service Support to Non-DoD Activities (AR)	X-80-004
051000	Support of Other Nations	
0510198N	Management Headquarters (International)	X-78-014
0511829A	Service Support to SOF NG Activities (H)	X-92-4
0511929A	Service Support to SOF Army Reserve Activities (H)	X-92-4

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060100	Research		
0601101A		In-House Laboratory Independent Research	X-80-002
0601102A		Defense Research Sciences	X-80-002
0601103A		University Research Sciences (H)	X-7-05
0601104A		University and Industry Research Centers	X-94-6
060200	Exploratory Development		
0602101A		Information Processing (H)	
0602102A		Electronic Warfare (H)	
0602103A		Surface Mobility Studies (H)	
0602104A		TRACTOR ROSE	X-0-09
0602105A		Materials Technology	X-7-05
0602106A		Human Factors in Military Systems (H)	
0602107A		Military Selection, Training, and Leadership (H)	
0602108A		Performance Effectiveness of the American Soldier (H)	
0602109A		Environment (H)	
0602110A		Surgical Investigations (H)	
0602111A		Atmospheric Investigations (H)	X-8-03
0602112A		Terrestrial and Construction Investigations (H)	
0602113A		Hardened BMD Materials (H)	
0602114A		Fluidic Technology Investigations (H)	
0602115A		General Biological Investigations (H)	
0602116A		General Chemical Investigations (H)	

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0602117A	Nuclear Munitions and Radiacs (H)	
0602118A	Nuclear Weapons Effects Research and Test (H)	
0602119A	Nuclear Power Applications (H)	
0602120A	Sensors and Electronic Survivability	X-94-6
0602121A	Military Engineering Technology (H)	
0602122A	TRACTOR HIP	X-92-5
0602123A	TRACTOR FIELD	X-0-05
0602201A	Aircraft Weapons Technology (H)	X-8-03
0602202A	Aircraft Avionics Technology	X-8-03
0602203A	Air Mobility Technology (H)	
0602204A	Aerodynamics Technology (H)	
0602205A	Aeronautical Technology (H)	
0602206A	System Synthesis Analysis (H)	
0602207A	Aircraft Propulsion Technology (H)	
0602208A	Aircraft Loads and Structures (H)	
0602209A	Aeronautical Technology	X-8-03
0602210A	Airdrop Technology (H)	X-8-03
0602211A	Aviation Technology	X-7-05
0602270A	EW Technology	X-0-05
0602301A	Missiles (H)	
0602302A	Missile Propulsion (H)	
0602303A	Missile Technology	X-80-002
0602304A	Exploratory Ballistic Missile Defense Development (H)	

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0602306A	Hardened Ballistic Missile Defense Materials (H)	
0602307A	Advanced Weapons Technology	X-95-3
0602308A	Modeling and Simulation Technology	X-95-3
0602601A	Combat Vehicle and Automotive Technology	X-7-05
0602603A	Large Caliber and Nuclear Technology (H)	X-8-03
0602604A	Army Small Arms Program (H)	
0602605A	Vegetation Control Chemical Investigations (H)	
0602606A	Advanced Concepts Laboratory (TACOM) (H)	X-78-003
0602607A	Incapacitating Chemical Investigations (H)	
0602608A	Lethal Chemical Investigations (H)	
0602609A	Laser Technology and Application	X-93-3
0602610A	Weapons Technology (H)	
0602611A	Fuels and Lubricants (H)	
0602612A	Test Unit (H)	
0602615A	Nuclear Munitions (H)	
0602616A	Fuze Technology (H)	
0602617A	Small Caliber and Fire Control Technology (H)	X-8-03
0602618A	Ballistics Technology	X-80-002
0602619A	Chemical Combat Support (H)	
0602620A	Chemical Munitions Technology (H)	
0602621A	Laser Technology and Application (H)	
0602622A	Chemical, Smoke and Equipment Defeating Technology	X-7-05
0602623A	Joint Service Small Arms Program	X-1-005

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0602624A	Weapons and Munitions Technology	X-5-10
0602701A	Tactical Teleprocessing Technology	X-8-03
0602702A	Identification-Friend or Foe (IFF) (H)	
0602703A	Combat Surveillance, Target Acquisition, and Identification	X-8-03
0602704A	Military Environmental Criteria Development (H)	X-8-03
0602705A	Electronics and Electronic Devices	X-80-002
0602706A	Chemical/Biological Defense and General Investigation (H)	X-8-03
0602707A	Mapping and Geodesy (H)	X-8-03
0602708A	Combat Support Technology (H)	
0602709A	Night Vision Technology	X-7-05
0602710A	Defense Against Chemical Agents (H)	
0602711A	Defense Against Biological Agents (H)	
0602712A	Countermine and Barrier Technology (H)	X-78-003
0602713A	Technology Support for the Military Man (H)	
0602714A	Information Processing (H)	X-0-06
0602715A	Electronic Warfare Technology (H)	X-7-05
0602716A	Human Factors Engineering Technology	X-7-05
0602717A	Human Performance Effectiveness and Simulation	X-8-03
0602718A	General Chemical Investigations (H)	
0602719A	Mobility and Weapons Effects Technology (H)	X-8-03
0602720A	Environmental Quality Technology	X-80-002
0602721A	Computer Aided Design Engineering (H)	
0602722A	Manpower, Personnel and Training (H)	X-8-03

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0602723A	Clothing, Equipment and Shelter Technology	X-8-03
0602724A	Joint Service Food Systems Technology (H)	X-8-03
0602725A	Computer and Information Science (H)	X-8-03
0602726A	Army Support of ARPA - HOWLS (H)	X-2-001
0602727A	Non-System Training Device Technology	X-7-05
0602730A	Cold Regions Engineering Technology	X-8-03
0602731A	Military Facilities Engineering Technology (H)	X-8-03
0602732A	RPV Supporting Technology (H)	X-4-02
0602733A	Mobility Equipment Technology (H)	X-8-03
0602734A	Medical Defense Against Chemical Agents	X-8-03
0602745A	Tactical Electronic Warfare Systems (H)	X-78-003
0602746A	Tactical Software Technology (H)	X-8-03
0602758A	Military Medical Investigations (H)	
0602759A	Tropical Medicine (H)	
0602760A	Infectious Disease Investigations (H)	
0602770A	Military Disease Hazards Technology	X-80-002
0602771A	Military Psychiatry and Microwave Injury (H)	X-80-002
0602772A	Combat Casualty Care Technology	X-8-03
0602773A	Helicopter Combat Crew and Airborne Medicine (H)	X-2-001
0602774A	Military Burn Technology (H)	X-80-002
0602775A	Combat Oral and Maxillofacial Injury and Disease	X-8-03
0602776A	Medical Defense Against Biological Agents (H)	X-80-002
0602777A	Systems Health Hazard Prevention Technology	X-8-03

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0602778A		Combat Medical Materiel (H)	X-2-001
0602779A		Test, Measurement, and Diagnostic Equipment Technology (H)	X-80-004
0602780A		Medical Systems in Chemical Defense (H)	X-2-001
0602781A		Energy Technology Application for Military Facilities (H)	X-8-03
0602782A		Command, Control, Communications Technology	X-7-05
0602783A		Computer and Software Technology	X-7-05
0602784A		Military Engineering Technology	X-7-05
0602785A		Manpower/Personnel/Training Technology	X-7-05
0602786A		Logistics Technology	X-7-05
0602787A		Medical Technology	X-7-05
0602788A		TRACTOR FLOP	X-9-01
0602789A		ARMY Artificial Intelligence Technology	X-0-09
0602790A		Small Business Innovative Research/Small Bus Tech Transfer Pilot Prog	X-93-2
0602813A		TRACTOR DUMP	X-92-5
0602889A		Counterdrug RDT&E Support	X-94-2
060300	Advanced Development		
0603001A		Logistics Advanced Technology	X-7-05
0603002A		Medical Advanced Technology	X-7-05
0603003A		Aviation Advanced Technology	X-7-05
0603004A		Weapons and Munitions Advanced Technology	X-7-05
0603005A		Combat Vehicle and Automotive Advanced Technology	X-7-05
0603006A		Command, Control, Communications Advanced Technology	X-7-05
0603007A		Manpower, Personnel and Training Advanced Technology	X-93-1

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0603008A	Electronic Warfare Advanced Technology (H)	X-9-03
0603009A	TRACTOR HIKE	X-92-5
0603011A	TRACTOR FIELD	Canceled b
0603012A	TRACTOR HOLE	X-9-01
0603013A	TRACTOR DIRT	X-9-01
0603014A	TRACTOR HEAVY	Canceled b
0603016A	TRACTOR BIRD	Canceled b
0603017A	TRACTOR RED	X-0-06
0603018A	TRACTOR TREAD	X-92-3
0603019A	TRACTOR DUMP	X-92-3
0603020A	TRACTOR ROSE	X-93-1
0603053A	Advanced Command and Control Vehicle	X-92-4
0603101A	Manpower Resources Development (H)	
0603102A	Materials and Structures Advanced Technology	X-7-05
0603104A	Fuels and Lubricants (H)	X-8-03
0603105A	Military HIV Research	X-95-3
0603122A	TRACTOR HIP	X-94-2
0603201A	Aircraft Power Plants and Propulsion (H)	X-8-03
0603202A	Operational Evaluation, V/STOL (H)	
0603203A	Heavy Lift Helicopter (H)	
0603204A	Advanced Helicopter Development (H)	
0603205A	Aerial Scout (H)	
0603206A	Aircraft Weapons (H)	X-8-03

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0603207A	Aircraft Avionics Equipment (H)	X-8-03
0603208A	Aircraft Survivability (H)	X-78-003
0603209A	Air Mobility Support	X-8-03
0603210A	Aerial Surveillance, Target Acquisition & Night Observation (STANO) (H)	
0603211A	Rotary Wing Control, Rotors and Structures (H)	X-8-03
0603212A	Tilt Rotor Research Aircraft (H)	X-80-004
0603213A	Rotor Systems Research Aircraft (H)	
0603215A	Joint Survivability Investigations (H)	X-8-03
0603216A	Synthetic Flight Simulator Development (H)	X-8-03
0603217A	Greater Slope (H)	X-7-05
0603218A	Airdrop Advancement (H)	X-8-03
0603219A	Tactical Space Satellites (H)	X-92-4
0603220A	Advanced Rotocraft Technology Integration (H) LHX	X-4-02
0603221A	NOE Aviation and Navigation Equipment (H)	X-8-03
0603223A	Advanced Heliborne Antitank Weapon	X-1-005
0603238A	Global Surveillance/Air Defense/Precision Strike Technology Demonstration	X-92-4
0603270A	EW Technology	X-8-03
0603271A	TRACTOR NAIL	X-0-05
0603272A	Joint Tactical Missile Defense	X-0-08
0603301A	Division Air Defense (DIVAD) Gun (H)	X-80-002
0603302A	Joint Tactical Missile Defense Program (H)	X-8-03
0603303A	Surface-to-Surface Missile Rocket System	X-80-002
0603304A	Army BMD Support to SDI	X-5-05

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0603305A	ZMAR Sprint Defense (H)	
0603306A	Terminally Guided Projectiles (H)	X-8-03
0603307A	Short Range Air Defense Self-Protection Weapon (H)	X-4-02
0603308A	Army Missile Defense Systems Integration (Dem/Val)	X-94-6
0603309A	Cannon-Launched Guided Projectile (CLGP) (H)	
0603310A	Heliborne Missile - HELLFIRE (H)	
0603311A	PERSHING II (H)	X-78-003
0603312A	Non-Nuclear Warheads (H)	
0603313A	Missile and Rocket Advanced Technology	X-7-05
0603314A	Directed Energy	X-7-05
0603315A	Target Missiles (H)	X-8-03
0603316A	Advanced Rocket Control System (H)	X-7-05
0603317A	Grass Blade (H)	X-80-004
0603318A	Army/Navy Area Surface-to-Air Missile (SAM) Technology (H)	X-80-004
0603319A	Conventional Airfield Attack Missile (CAAM) (H)	X-80-004
0603320A	Corp Support Weapon System (H)	X-7-05
0603321A	Target Acquisition, Counter/Counter - Countermeasures (H)	X-92-4
0603322A	TRACTOR CAGE	X-0-05
0603324A	Army Tactical Command and Control System (ATCCS) Experimentation Site (H)	X-92-4
0603325A	Chemical Weapons Treaty Monitoring (H)	X-92-4
0603392A	Anti-Satellite Weapon (ASAT)	X-93-4
0603393A	TRACTOR TRAILER	X-0-06
0603401A	Satellite Communications (H)	

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0603403A	NAVSTAR Global Positioning System (H)	X-80-004
0603601A	Power Systems and Converters (H)	
0603602A	Advanced Land Mobility Systems Concepts (H)	X-8-03
0603603A	Chemical and Biological Weapons Program (H)	
0603604A	Nuclear Munitions - Adv Dev	X-9-03
0603605A	Howitzer LW SP 150mm (H)	
0603606A	Landmine Warfare and Barrier Advanced Technology	X-7-05
0603607A	Joint Service Small Arms Program	X-1-002
0603608A	Weapons and Ammunition (H)	X-8-03
0603609A	Chemical and Biological Pilot Plant Processes (H)	
0603610A	FA Direct Support Weapons (H)	
0603611A	Advanced Automatic Cannon (H)	
0603612A	Advanced Anti-Tank Weapon Systems	X-9-03
0603613A	Advanced Fuze Design (H)	X-2-001
0603614A	Incapacitating Chemical Munitions Concepts (H)	X-8-03
0603615A	Lethal Chemical Munitions Concepts (H)	X-8-03
0603616A	Tank Gun Cooperative Development (H)	X-80-004
0603617A	Non-Line of Sight (N-LOS)	X-91-2
0603618A	Countermine and Barrier Developments (H)	X-2-001
0603619A	Landmine Warfare and Barrier - Adv Dev	X-7-05
0603620A	Tank Systems (H)	
0603621A	Combat Vehicle Popuslion System (H)	X-8-03
0603622A	Test, Measurement and Diagnostic Equipment (H)	

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0603623A	Landmine Systems (H)	X-2-001
0603624A	Mobility (H)	X-7-05
0603625A	Cavalry Fighting Vehicle (H)	X-78-003
0603626A	Advanced Diesel Engine (H)	X-2-001
0603627A	Smoke, Obscurant and Target Defeating Sys-Adv Dev	X-92-4
0603628A	Artillery and Mortar Ammunition Development (H)	X-8-03
0603629A	Division Support Weapon System (H)	X-5-01
0603630A	Advanced Mechanized Infantry Combat Vehicle (MICV) Study (H)	X-80-004
0603631A	Combat Vehicle Turret and Chassis Subsystems (H)	X-8-03
0603632A	Armored Combat Support Vehicle Family (H)	X-7-05
0603633A	Tank and Fighting Vehicles Ammunition Development (H)	X-9-01
0603635A	Anti-Armor Support Platform - Adv Dev	X-8-03
0603636A	Combat Vehicle Armor/Anti-Armor (H)	X-8-03
0603637A	Advanced Propulsion/Launch System for Munitions (H)	X-8-03
0603638A	Nuclear Hardening Advanced Technology (H)	X-8-03
0603639A	Armament Enhancement Initiative	X-5-01
0603640A	Artillery Propellant Development	X-92-4
0603642A	Medium Surface-to-Air Missile (H)	X-92-4
0603645A	Armored System Modernization - Adv Dev	X-6-05
0603646A	Corps Surface-to-Air Missile (H)	X-92-4
0603647A	TRACTOR DIRT	X-0-06
0603649A	Engineer Mobility Equipment Advanced Development	X-92-4
0603650A	Future Infantry Vehicle-Adv Dev	X-0-09

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0603651A	Engineer Vehicle-Adv Dev	X-0-09
0603652A	Future Tank-Adv Dev	X-0-09
0603653A	Advanced Tank Armament System (ATAS)	X-92-4
0603654A	Line-Of-Sight Technology Demonstration	X-95-3
0603701A	Land Warfare Laboratory (H)	
0603702A	Electric Power Sources (H)	X-8-03
0603703A	Automatic Data Processing Equipment (ADPE) Developments (H)	X-78-003
0603704A	Unattended Ground Sensors (H)	X-80-004
0603705A	Physical Security	X-80-004
0603706A	Identification-Friend-or-Foe - Adv Dev (H)	X-91-2
0603707A	Communications Development (H)	X-8-03
0603708A	Image Interpretation and Photo Processing (H)	
0603709A	AVENGER Complementary Missile (H)	X-92-4
0603710A	Night Vision Advanced Technology	X-7-05
0603711A	Aircraft Survivability Equipment (H)	X-9-03
0603712A	Terrain Information - Adv Dev (H)	X-9-03
0603713A	Army Data Distribution System	X-2-004
0603714A	Unmanned Aerial Surveillance System (H)	
0603715A	Subsystem Reliability (H)	
0603716A	Project BLUE ZEPHYR (H)	
0603717A	Project MALLARD (H)	
0603718A	Electronic Warfare Systems - Adv Dev	X-7-05
0603719A	Special Purpose Detectors (H)	X-8-03

NOTE: --(H) after Title = Historical (no resources in current fiscal year minus 1 or forward)

0603720A	Chemical/Biological Detection, Warning, and Sampling Materiel Concepts (H)	X-8-03
0603721A	Chemical/Biological Protective Materiel Concepts (H)	X-8-03
0603722A	Tactical Operations System (H)	X-80-004
0603723A	Tactical C4 Technology Integration (H)	X-8-03
0603724A	Low Cost Ownership Development (H)	
0603725A	Remotely Piloted Vehicles and Drones - Adv Dev	X-7-05
0603726A	Combat Support Equipment (H)	X-8-03
0603729A	Counterbattery Radar (H)	
0603730A	Tactical Surveillance System - Adv Dev	X-93-4
0603731A	Manpower and Personnel (H)	X-8-03
0603732A	Combat Medical Materiel (H)	X-8-03
0603733A	Environmental Quality Control Equipment	X-78-003
0603734A	Military Engineering Advanced Technology	X-7-05
0603735A	WWMCCS Architecture (H)	X-2-001
0603737A	Anti-Radiation Missiles Countermeasures (H)	X-8-03
0603738A	Non-System Training Devices - Adv Dev (H)	X-7-05
0603739A	Human Factors in Training and Operational Effectiveness (H)	X-0-06
0603740A	Air Defense Command, Control and Intelligence (C2I) - Adv Dev (H)	X-7-05
0603741A	Meteorological Equipments Development (H)	X-9-03
0603742A	Advanced Electronic Devices Development	X-8-03
0603743A	Education and Training (H)	X-8-03
0603744A	Training Simulation (H)	X-8-03
0603745A	Tactical Electronic Support Systems - Adv Dev	X-8-03

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0603746A	Single Channel Ground and Airborne Radio System (SINCGARS) Adv Dev	X-5-05
0603747A	Soldier Support and Survivability	X-80-002
0603748A	Test Measurement and Diagnostic Equipment Development	X-8-03
0603749A	Technical Vulnerability Reduction (H)	X-8-03
0603750A	Drug and Vaccine Development (H)	X-8-03
0603751A	Medical Defense Against Chemical Warfare (H)	X-1-002
0603752A	Demilitarization Concepts	X-1-002
0603753A	Battlefield Data System (H)	X-5-01
0603754A	Classified Program - Adv Dev	X-5-01
0603755A	Tactical Electronic Support Measures Systems	X-8-03
0603756A	DoD Software Technology (STARS) (H)	X-9-01
0603757A	Forward Area Air Defense (FAAD) System	X-7-05
0603758A	Army Battlefield Technology Integration (H)	X-5-05
0603759A	Chemical Biological Defense and Smoke Advanced Technology	X-7-05
0603760A	Distributive Interactive Simulations (DIS) - Advanced Development	X-94-3
0603761A	EW Vulnerability/Susceptibility Technical Support (H)	X-8-03
0603762A	EW Feasibility Development (H)	X-8-03
0603763A	Nonsystems Medical Material Development (H)	X-8-03
0603764A	Medical Chemical Defense Life Support (H)	X-8-03
0603766A	Tactical Electronic Surveillance System - Adv Dev	X-93-4
0603767A	Combat Service Support Control System (H)	X-8-03
0603768A	Balanced Technology Initiative (H)	X-8-03
0603771A	Industrial Preparedness Manufacturing Technology	X-95-1

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0603772A	Advanced Tactical Computer Science and Sensor Technology	X-95-3
0603774A	Night Vision Systems Advanced Development	X-5-06
0603775A	Light Armored Vehicle/Weasel Evaluation (H)	X-7-05
0603776A	LONGBOW	
0603777A	Follow-On LANCE - Adv Dev (H)	X-8-03
0603778A	MLRS Product Improvement Program	X-93-1
0603790A	NATO Research and Development	X-6-02
0603801A	Aviation - Adv Dev	X-7-05
0603802A	Weapons and Munitions - Adv Dev	X-7-05
0603803A	Chemical Systems - Adv Dev	X-7-05
0603804A	Logistics and Engineer Equipment - Adv Dev	X-7-05
0603805A	Combat Service Support Control System Evaluation and Analysis	X-95-3
0603806A	NBC Defense System-Adv Dev	X-92-4
0603807A	Medical Systems - Adv Dev	X-7-05
0603808A	Classified Program	X-8-03
0603809A	TRACTOR TIRE	X-8-03
0603810A	Advanced Missile System-Heavy	X-9-03
0603811A	Meteorological Data Systems	X-0-06
0603812A	Unmanned Aerial Vehicle Payload (H)	X-92-4
0603813A	TRACTOR PULL	X-91-2
0603831A	Classified Programs	

060385 Demonstration and Validation

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0603851A	TRACTOR CAGE (Dem/Val)	X-94-6
0603852A	Suite of Survivability Enhancement Systems (Dem/Val)	X-94-6
0603854A	Artillery Systems - Dem/Val	X-95-3
0603866A	Tactical Exploitation of National Capabilities - Dem/Val (TIARA)	X-95-3
0603889A	Counterdrug RDT&E Projects	X-94-2
0603899A	R&D Future Options (H)	X-9-01
060400	Engineering Development	
0604018A	TRACTOR TREAD	X-94-6
0604201A	Aircraft Avionics	X-0-06
0604202A	Aircraft Weapons	X-80-002
0604203A	Aerial Scout (H)	X-2-004
0604204A	Air Mobility Support Equipment (H)	X-8-03
0604205A	Tactical Transport Aircraft (CV-7A) (H)	
0604206A	UH-60 BLACKHAWK (H)	X-9-01
0604207A	Advanced Attack Helicopter	X-8-03
0604208A	Aircraft Weapons Fire Control (H)	
0604209A	Aircraft Survivability Equipment (H)	X-78-003
0604210A	Advanced Attack Helicopter Evaluation (H)	
0604211A	Aerial STANO Systems (H)	
0604212A	COBRA TOW (H)	X-7-05
0604213A	CH-47 Modernization (H)	X-5-01
0604215A	UH-1 Modernization (H)	X-5-01
0604216A	Aircraft Propulsion System	X-1-005

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0604217A	Synthetic Flight Training Systems (SFTS) (H)	X-8-03
0604218A	Airdrop Equipment Development (H)	X-8-03
0604220A	Armed, Deployable OH-58D	X-0-06
0604221A	AN/UPD-7 Surveillance System (H)	X-5-01
0604222A	Joint Service R/W Aircraft Development (JVX) (H)	X-5-01
0604223A	Comanche	X-92-5
0604224A	Advanced Cargo Helicopter	X-92-4
0604256A	Threat Simulator Development	X-93-2
0604258A	Target Systems Development	X-93-2
0604268A	Aircraft Engine Component Improvement Program (H)	X-8-03
0604270A	EW Development	X-8-03
0604301A	NIKE-X (H)	
0604302A	Air Defense Control and Coordination System (H)	X-78-003
0604303A	Missile Effectiveness Evaluation (H)	
0604304A	NIKE-ZEUS Testing (H)	
0604305A	Forward Area Air Systems (MAULER) (H)	
0604306A	STINGER (H)	X-80-002
0604307A	PATRIOT Air Defense Missile System (H)	X-9-01
0604308A	Precision Laser Designators (H)	X-2-001
0604309A	ROLAND (H)	X-4-02
0604310A	Heliborne Missile - HELLFIRE (H)	X-80-002
0604311A	PERSHING II (H)	X-8-03
0604312A	High Mobility Artillery Rocket System/MLRS (HIMARS)	X-92-4

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0604313A	GRASS BLADE (H)	X-80-002
0604314A	FAADS IR Search/Track	X-0-06
0604315A	Tri-Service Standoff Attack Missile	X-93-1
0604316A	Fire and Forget - HELLFIRE (H)	X-3-03
0604318A	Division Air Defense (DIVAD) Gun (H)	X-6-05
0604321A	All Source Analysis System	X-1-005
0604323A	High Technology Motorized Division (H)	X-8-03
0604324A	Army Tactical Missile System (Army TACMS)	X-5-10
0604325A	Advanced Missile System-Heavy	X-0-06
0604326A	TRACTOR DIRT	X-0-06
0604327A	TRACTOR HOLE (H)	X-92-4
0604328A	TRACTOR CAGE	X-94-6
0604601A	Infantry Support Weapons	X-0-06
0604602A	Weapons and Ammunition (H)	X-80-004
0604603A	Nuclear Munitions - Eng Dev	X-9-03
0604604A	Medium Tactical Vehicles	X-8-03
0604605A	Field Artillery Weapons and Ammunition, 105mm (H)	X-80-004
0604606A	Explosive Demolitions (H)	X-80-004
0604607A	Guided Anti-Armor Mortar Projectile	X-5-01
0604608A	Infantry Weapons and Ammunition (H)	X-8-03
0604609A	Smoke, Obscurant and Target Defeating Sys-Eng Dev	X-92-4
0604610A	Lethal Chemical Munitions (H)	X-8-03
0604611A	JAVELIN	X-92-4

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0604612A	Countermine and Barriers (H)	X-8-03
0604613A	Incapacitating Chemical Munitions	X-5-10
0604614A	Field Artillery Weapons and Ammunition, 155mm (H)	X-80-002
0604615A	M60A1 Thermal Sight (H)	X-80-004
0604616A	Fighting Vehicle System (H)	X-7-05
0604617A	Vehicle Rapid Fire Weapons System - BUSHMASTER (H)	X-2-001
0604618A	Armored Reconnaissance Scout Vehicle, XM800 (H)	
0604619A	Landmine Warfare	X-80-002
0604620A	Tank Systems (H)	X-7-05
0604621A	COPPERHEAD (H)	X-4-02
0604622A	Fanily of Heavy Tactical Vehicles	X-95-3
0604623A	Light Anti-Tank Weapon Testing and Evaluation (H)	X-7-05
0604624A	High Mobility Multipurpose Wheeled Vehicle (H)	X-7-05
0604625A	Tank Systems (H)	X-92-4
0604626A	Fire Integration Support Team Vehicle (H)	X-7-05
0604627A	Field Artillery Weapons and Ammunition, 8-inch (H)	X-80-002
0604628A	Indirect Fire Training Munitions (H)	X-7-05
0604629A	Cavalry Fighting Vehicle (H)	X-80-004
0604630A	Advanced Tank Canon	X-92-4
0604631A	Field Artillery Ammunition (H)	X-8-03
0604632A	105mm Tank Ammunition	X-2-004
0604633A	Air Traffic Control	X-0-09
0604639A	Towed Field Artillery System Development	X-95-4

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0604640A	Advanced Command and Control Vehicle (AC2V)	X-92-4
0604641A	Tactical Unmanned Ground Vehicle (TUGV)	X-92-4
0604642A	Light Tactical Wheeled Vehicles	X-92-4
0604645A	Armored Systems Modernization (ASM)-Eng. Dev.	X-0-06
0604649A	Engineer Mobility Equipment Development	X-92-4
0604701A	Communications Engineering Development (H)	X-8-03
0604702A	Joint Tactical Information Distribution System (H)	X-80-003
0604703A	Tactical ADPS Equipment (H)	
0604704A	Unattended Ground Sensors (H)	X-9-01
0604705A	Modular Integrated Communication and Navigation System (H)	X-8-03
0604706A	Radiological Defense Equipment (H)	X-8-03
0604707A	Support of Intelligence Operations (H)	
0604708A	Image Interpretation and Photo Processing (H)	
0604709A	Identification-Friend-or-Foe - Eng Dev	X-7-05
0604710A	Night Vision Systems - Eng Dev	X-7-05
0604711A	Aircraft Survivability Equipment (H)	X-2-004
0604712A	Army Command and Control Systems Engineering (H)	X-91-2
0604713A	Combat Feeding, Clothing, and Equipment	X-80-002
0604714A	Tactical Electrical Power Sources (H)	X-8-03
0604715A	Non-System Training Devices - Eng Dev	X-7-05
0604716A	Terrain Information - Eng Dev	X-8-03
0604717A	General Combat Support (H)	X-8-03
0604718A	Physical Security (H)	X-80-002

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0604719A	Communications Switching (H)	
0604720A	Unmanned Aerial Surveillance Systems (H)	
0604721A	Nuclear Power Systems (H)	
0604722A	Education and Training Systems Development (H)	X-1-005
0604723A	Special Purpose Detectors (H)	X-92-4
0604724A	Chemical/Biological Detection, Warning, and Training Materiel (H)	X-8-03
0604725A	Chemical/Biological Protective Materiel (H)	X-8-03
0604726A	Integrated Meteorological Support System	X-0-06
0604727A	Command and Control (H)	X-8-03
0604728A	Family of Military Engineering Construction Equipment	X-80-004
0604729A	Countermortar Radar (H)	X-2-001
0604730A	Remotely Piloted Vehicles - Eng Dev	X-7-05
0604731A	Counterbattery Radar (H)	X-7-05
0604732A	Enhancements to Sensors, Correlation, Reconn. and Targeting (ESCORT) (H)	X-5-01
0604733A	Theater Area Communication System (H)	X-92-4
0604736A	Project Sierra (H)	X-92-4
0604737A	Unmanned Aerial Vehicles - Eng Dev	X-7-05
0604740A	Tactical Surveillance System - Eng Dev	X-93-4
0604741A	Air Defense Command, Control and Intelligence - Eng Dev	X-7-02
0604745A	Tactical Electronic Support Measure Systems (H)	X-4-02
0604746A	Automatic Test Equipment Development	X-4-06
0604747A	Joint Compatibility and Interoperability (GAMO-EA) (H)	X-80-004
0604748A	Stand-Off Target Acquisition System (SOTAS) (H)	X-4-02

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0604749A	Tactical Operations Systems (H)	X-80-004
0604750A	Tactical Electronic Countermeasures Systems - Eng Dev	X-8-03
0604751A	Single Channel Ground and Airborne Radio Systems (SINCGARS) Eng Dev (H)	X-91-2
0604753A	Battlefield Data System (H)	X-5-01
0604754A	Classified Program - Eng Dev	X-5-01
0604757A	Medical Chemical Defense Life Material (H)	X-92-4
0604758A	Drug and Vaccine Development (H)	X-8-03
0604759A	Major T&E Investment	X-93-2
0604760A	Distributive Interactive Simulations (DIS) - Engineering Development	X-94-3
0604766A	Tactical Exploitation of National Capabilities - EMD (TIARA)	X-95-3
0604767A	TRACTOR JEWEL	X-0-09
0604768A	Brilliant Anti-Armor Submunition (BAT)	X-95-3
0604769A	TRACTOR HELM	X-0-09
0604770A	Joint Surveillance/Target Attack Radar System	X-7-05
0604778A	Positioning Systems Development	X-0-06
0604779A	Joint Interoperability of Tactical Command & Control Systems (JINTACCS)	X-80-002
0604780A	Combined Arms Tactical Trainer (CATT)	X-92-4
0604801A	Aviation - Eng Dev	X-7-05
0604802A	Weapons and Munitions - Eng Dev	X-7-05
0604803A	Chemical Systems - Eng Dev	X-7-05
0604804A	Logistics and Engineer Equipment - Eng Dev	X-7-05
0604805A	Command, Control, Communications Systems - Eng Dev	X-7-05
0604806A	NBC Defense System-Eng Dev	X-92-4

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0604807A	Medical Materiel/Medical Biological Defense Equipment - Eng Dev	X-7-05
0604808A	Landmine Warfare/Barrier - Eng Dev	X-7-05
0604809A	Small Aerostat Surveillance System	X-9-01
0604810A	Fiber Optic Guided Missile - Eng Dev	X-9-03
0604811A	Consolidated EW Programs (H)	X-8-03
0604812A	Classified Program	X-8-03
0604813A	TRACTOR PULL (H)	X-8-03
0604814A	Sense and Destroy Armament Missile - Eng Dev	X-9-03
0604815A	TRACTOR TRAILER	X-9-01
0604816A	LONGBOW - Eng Dev	
0604817A	Combat Identification	X-95-3
0604818A	Army Tactical Command & Control Hardware & Software	X-95-3
0604819A	LOSAT	
0604820A	Radar Development	X-0-06
0604821A	Follow-on Lance Engineering Development	X-9-03
0604823A	Firefinder	X-0-08
0604825A	Masked Target Sensor (H)	X-92-4
0604852A	Suite of Survivability Enhancement Systems - EMD	X-94-6
0604854A	Artillery Systems - EMD	X-95-3
0604889A	Counterdrug Engineering and Manufacturing Development Projects	X-94-2
0604999A	Competitors (H)	X-9-01
060500	Management and Support	

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0605001A	R&D Industrially-Funded Activities (H)	X-9-01
0605002A	Revenues (R&D Activities) (IF) (H)	X-7-05
0605003A	R&D Facility-Redstone (H)	
0605004A	Other Construction (H)	X-9-03
0605093A	Revenues (Real Prop. Maint. -RDT&E) (IF) (H)	X-7-05
0605094A	Real Property Maintenance - RDT&E (IF) (H)	X-9-01
0605096A	Base Operations - RDT&E (IF) (H)	X-9-01
0605097A	Revenues (Base Operations - RDT&E) (IF) (H)	X-9-01
0605098A	Management Headquarters (Missile Facilities) (IF)	X-1-006
0605099A	Revenues (Management Headquarters)(Missile Facilities)(IF) (H)	X-94-3
0605101A	Headquarters, DA, Operations Research and Analysis (H)	X-80-004
0605102A	TRADOC Studies and Analyses (H)	X-7-05
0605103A	Rand Arroyo Center	X-0-03
0605104A	Los Alamos Meson Physics Facility	X-94-3
0605201A	Aviation Engineering Flight Activity	X-8-03
0605301A	Army Kwajalein Atoll	
0605302A	White Sands Missile Range (H)	
0605502A	Small Business Innovative Research	X-4-06
0605596A	Base Support - Corps of Engineers	X-95-3
0605601A	Army Test Ranges and Facilities	X-7-05
0605602A	Army Technical Test Instrumentation and Targets	X-7-05
0605603A	Army User Test Instrumentation and Threat Simulators	X-7-05
0605604A	Survivability/Lethality Analysis	X-92-4

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0605605A	DOD High Energy Laser Test Facility	X-0-09
0605606A	Aircraft Certification	X-94-6
0605696A	Base Support - AMC Test Ranges	
0605701A	Communications-Electronics Testing Activities (H)	X-80-004
0605702A	Meteorological Support to RDT&E Activities	X-7-05
0605703A	Electronic Compatibility Analyses Center (H)	
0605704A	Deseret Test Center (H)	
0605705A	Modular Army Selected Systems Test, Evaluation and Review (H)	
0605706A	Materiel Systems Analysis	X-80-002
0605707A	TRADOC Operational Testing (H)	X-2-001
0605708A	Theater Nuclear Force Survivability (H)	X-80-004
0605709A	Exploitation of Foreign Items	X-80-002
0605710A	Joint Nuclear Biological Chemical Test, Assessment and Survivability	X-94-6
0605712A	Support of Operational Testing	X-80-005
0605713A	Battlefield Systems Integration (H)	X-2-001
0605714A	Foreign Weapons Evaluation (H)	X-80-002
0605715A	Defense Systems Management College (H)	X-4-02
0605796A	Base Operations - AMC Major Subordinate Commands/Labs	X-95-1
0605801A	Programwide Activities	X-80-002
0605802A	International Cooperative Research and Development	X-80-002
0605803A	Technical Information Activities	X-79-011
0605804A	Army Materiel Command Major Ranges and Test Facilities	X-8-03
0605805A	Munitions Standardization, Effectiveness and Safety	X-2-004

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0605806A	DoD High Energy Laser Systems Test Facility (H)	X-8-03
0605807A	Modular Automated Integrated Systems Interoperability T&E (MAINSITE) (H)	X-5-01
0605808A	Manuftg. Methods & Technology/Mil. Adaptation of Commercial Items (H)	X-8-03
0605810A	RDT&E Support for Nondevelopmental Items	X-6-02
0605853A	Environmental Conservation	X-94-6
0605854A	Pollution Prevention	X-94-6
0605856A	Environmental Compliance	X-94-6
0605872A	Productivity Investments	X-1-003
0605876A	Minor Construction (RPM) - RDT&E	X-91-3
0605878A	Maintenance and Repair (RPM) - RDT&E	X-91-3
0605879A	Real Property Services (RPS) - RDT&E	X-94-7
0605889A	RDTE Support to CINC Counternarcotics Activities	X-0-03
0605890A	Visual Information Activities-R&D (H)	X-8-03
0605894A	Real Property Maintenance - RDT&E (H)	X-93-2
0605896A	Base Operations - RDT&E	X-95-1
0605898A	Management Headquarters (Research and Development)	X-2-004
0605901A	Service Support to Defense Agencies-RDTE Defense Wide Mission Support	X-0-09
0605902A	Service Support to Defense Agencies Warfare & Strategic Mobility	X-0-09
0605903A	Service Support to OSD (H)	
0605904A	Service Support to ARPA	
0605905A	Service Support to Defense Agencies- Theatre & Tactical C3I	X-0-09
0605906A	Service Support to DNA	
0605907A	Service Support to BMDO	X-5-01

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0605908A Service Support to TJS

X-5-01

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Program 6 -- Research and Development -- Navy and Marine Corps

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060100	Research		
0601103N		University Research Initiatives	X-5-01
0601152N		In-House Independent Laboratory Research	
0601153N		Defense Research Sciences	
0601572N		Navy Dual Use Technology Program	X-94-4
060200	Exploratory Development		
0602101N		Tactical Directed Energy Technology (H)	X-5-12
0602111N		Surface/Aerospace Surveillance and Weapons Technology	X-92-5
0602113N		Electronic Warfare Technology	X-5-12
0602121N		Surface Ship Technology	X-93-4
0602122N		Aircraft Technology	X-5-12
0602131M		Marine Corps Landing Force Technology	X-7-09
0602232N		Command, Control, and Communications Technology	X-5-12
0602233N		Readiness, Training, and Environmental Quality Technology	X-94-3
0602234N		Materials, Electronics and Computer Technology	X-92-5
0602241N		Aircraft Technology (H)	X-5-12
0602270N		Electronic Warfare Technology	X-93-4
0602314N		Undersea Surveillance Weapon Technology	X-93-4
0602315N		Mine Countermeasures, Mining and Special Warfare	X-93-4
0602323N		Submarine Technology	X-93-4
0602324N		Nuclear Propulsion Technology	X-92-5
0602331N		Missile Propulsion Technology (H)	X-5-12

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0602332N	Surface/Aerospace Weaponry Technology (H)	X-5-12
0602435N	Oceanographic and Atmospheric Technology	X-92-5
0602542N	Nuclear Propulsion Technology (H)	X-5-12
0602543N	Ship and Submarine Technology (H)	X-5-12
0602572N	Navy Dual Use Technology Program	X-94-4
0602633N	Undersea Warfare Weaponry Technology	X-5-12
0602711N	Undersea Target Surveillance Technology (H)	X-5-12
0602712N	Surface and Aerospace Target Surveillance Technology (H)	X-5-12
0602721N	Command and Control Technology (H)	X-5-12
0602734N	Countermeasures Technology (H)	X-5-12
0602735N	High Energy Laser Technology (H)	X-5-12
0602744N	Marine Corps Air-Ground Technology (H)	X-5-12
0602757N	Human Factors and Simulation Technology (H)	X-5-12
0602758N	Biomedical Technology (H)	X-5-12
0602759N	Ocean and Atmospheric Support Technology (H)	X-5-12
0602760N	Logistics Technology (H)	X-5-12
0602761N	Materials Technology (H)	X-5-12
0602762N	Electronic Device Technology (H)	X-5-12
0602763N	Personnel and Training Technology (H)	X-5-12
0602764N	Chemical, Biological and Radiological Defense Technology (H)	X-5-12
0602765N	Energy and Environmental Protection Technology (H)	X-5-12
0602766N	Laboratory Independent Exploratory Development (H)	X-5-12
0602768N	Directed Energy Technology (H)	X-5-12

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Program 6 -- Research and Development -- Navy and Marine Corps — Latest Structure Change

0602790N	Small Business Innovative Research/Small Bus Tech Transfer Pilot Prog	X-93-2
0602889N	Counterdrug RDT&E Support	X-94-2
0602936N	Independent Exploratory Development	X-7-09
060300	Advanced Development	
0603109N	Integrated Aircraft Avionics	X-6-03
0603201N	Airborne ASW Detection System	
0603202N	Avionics	
0603203N	Advanced Helicopter Development	X-79-001
0603204N	Air-to-Surface Fire Control Systems (H)	
0603206N	Electronic Warfare Advanced Development	X-5-07
0603207N	Air/Ocean Tactical Applications	X-4-08
0603208N	Training System Aircraft	X-93-3
0603209N	Underwater Weapons Acceptance Testing	X-1-002
0603210N	Aircraft Propulsion	
0603211N	AV-8B Airplane	
0603212N	Tactical Air Infrared Countermeasures	
0603213N	Airborne Infrared Countermeasures	X-3-02
0603214N	Tactical Command Control and Communications Countermeasures	
0603215N	Long-Range Airborne ASW System	X-80-003
0603216N	Aviation Survivability	X-93-3
0603217N	Air Systems and Weapons Advanced Technology	X-94-3
0603218N	Aircraft Training Systems	X-92-5
0603219N	Advanced Aircraft Armament System	X-7-09

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0603220N	Advanced Tactical Support (ATS)	X-9-05
0603221N	Powered Lift Development	
0603222N	Skipper Enhancements	X-8-05
0603228N	CV ASW Module	X-7-09
0603230N	NATO Cross Certification (H)	X-78-008
0603231N	Next Generation Fighter	X-9-05
0603238N	Precision Strike and Air Defense	X-94-3
0603250N	Marine Attack and Observation Aircraft	X-92-5
0603251N	Aircraft Systems	
0603254N	ASW Systems Development	X-93-3
0603255N	Advanced Short Takeoff and Vertical Landing Aircraft	X-92-5
0603256N	V-22A	X-7-09
0603257N	A-6 Upgrades	X-8-05
0603258N	Advanced Propulsion for VSTOL (H)	
0603259N	Acoustic Search Sensors	
0603260N	Airborne Mine Countermeasures	
0603261N	Tactical Airborne Reconnaissance	
0603262N	Aircraft Survivability and Vulnerability	
0603263N	Modular FLIR (H)	X-78-003
0603265N	Remotely Piloted Vehicles (H)	X-80-004
0603266N	AH-1T Composite Rotor Blade (H)	X-96-1
0603267N	Combat Identification System	X-1-004
0603268N	Naval Airship	X-93-4

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0603269N	National Aero Space Plane Technology Program	X-6-03
0603270N	Advanced Electronic Warfare Technology	X-93-3
0603301N	Long-Range Surface Weapon System (H)	
0603302N	Augmented Thrust Propulsion (H)	
0603303N	Electromagnetic Radiation Source Elimination Technology	X-1-010
0603304N	Advanced Surface-to-Air Weapons Systems (H)	X-80-004
0603305N	Advanced Air-Launched, Air-to-Air Missile System (AGILE) (H)	X-80-004
0603306N	Advanced A/L Air-to-Surface Missile System	X-7-09
0603307N	Advanced Fuze Design (H)	
0603308N	Air-to-Surface/Air-to-Air Missile Technology	X-5-07
0603309N	Shipboard Intermediate Range Combat System (SIRCS) (H)	X-80-004
0603310N	Surface-to-Surface Missile Development	
0603311N	ASW Technology for Strategic Defense	X-7-07
0603312N	Air-Launched/Surface-Launched Anti-Ship Missile (HARPOON) (H)	
0603313N	Imaging Infrared Maverick	X-7-09
0603314N	TRIDENT System (H)	
0603315N	RETRACT YELLOW	X-2-008
0603318N	Advanced Surface-to-Air Missile	X-7-07
0603319N	NATO AAW Systems	X-7-09
0603320N	Low Cost Anti-Radiation Seeker	X-5-04
0603321N	Advanced Air-to-Air Missile (AAAM)	X-7-09
0603353N	Air-to-Ground Weapon Technology (H)	
0603358N	Weaponizing (Prototypes)	

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0603361N	TOMAHAWK Cruise Missile (H)	
0603362N	Cruise Missile (H)	
0603363N	High-Speed, Anti-Radar Missile (HARM) (H)	
0603364N	Encapsulated HARPOON (H)	
0603366N	Task Force AAW Weapons Coordination (H)	
0603367N	Sea Lance	X-7-09
0603368N	Surface-Launched, Modular Guidance Glide Bomb Technology (H)	X-1-007
0603369N	Medium Range Air-to-Surface Missile	X-78-014
0603370N	Beyond Visual Range, Air-to-Air Missile (BVRAAM) (H)	
0603371N	TRIDENT II Missile System	X-78-008
0603382N	Advanced Combat Systems Technology	X-92-5
0603392N	Anti-Satellite Systems	X-93-4
0603401N	Navigation Satellite System	
0603402N	Naval Special Warfare	X-1-011
0603403N	Combat Systems Development/Support Requirements	X-1-011
0603451N	Tactical Space Operations	X-5-12
0603500N	Surface Shallow Water MCM	X-92-5
0603501N	Reactor Propulsion Plants	
0603502N	Surface and Shallow Water Mine Countermeasures	X-94-3
0603503N	Acoustic Communications	
0603504N	Advanced Submarine Combat Systems Development	X-93-3
0603505N	Advanced Surface Ship Sonar (H)	
0603506N	Surface Ship Torpedo Defense	X-93-4

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0603507N	ASW Ship Integrated Combat Systems (H)	
0603508N	Ship Propulsion System	
0603509N	Shipboard Information Transfer System	X-7-09
0603510N	Advanced Surface Craft (H)	
0603511N	Air Control	
0603512N	Carrier Systems Development	X-93-3
0603513N	Shipboard System Component Development	
0603514N	Ship Combat Survivability	X-7-09
0603515N	Advanced Identification Techniques (Radar Techniques)	
0603516N	Radar Surveillance Equipment	
0603517N	High Performance Underwater Vehicles (H)	X-78-003
0603518N	Advanced Navigation Development (H)	X-91-2
0603519N	Advanced Command Data Systems	
0603520N	Advanced Communications	
0603521N	Surface Electronics Warfare	
0603522N	Submarine Arctic Warfare Support Equipment Program	X-7-09
0603523N	Small Waterplane Area Twin Hull Ship Development	X-80-003
0603524N	Submarine Combat Systems Development	X-80-003
0603525N	PILOT FISH	
0603526N	Advanced Software and Computing Technology	
0603527N	RETRACT LARCH	X-6-03
0603528N	Non-Acoustic Anti-Submarine Warfare (ASW)	
0603529N	Advanced ASW Target	X-7-09

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0603530N	Over-the-Horizon Targeting	
0603531N	HY 130 Steel (New SSN Material)	
0603532N	Ship Systems Engineering Standards	X-80-009
0603534N	Surface Effect Ships (H)	
0603535N	SEA BASS	X-80-003
0603536N	RETRACT JUNIPER	X-4-04
0603537N	RETRACT SILVER	X-1-002
0603538N	BLUE MAIL (H)	
0603539N	RETRACT AMBER	X-80-009
0603540N	Diesel Electric Submarine	X-1-002
0603541N	Nuclear Electronic Power Plants (H)	
0603542N	Radiological Control	X-5-04
0603543N	Carrier Missions Study	X-95-1
0603549N	LINK CEDAR	X-4-08
0603550N	LINK DOGWOOD	X-4-08
0603551N	LINK SAKI	X-9-05
0603553N	Surface ASW	X-93-4
0603554N	SS( )N	X-78-014
0603555N	Sea Control and Littoral Warfare Technology Demonstration	X-94-3
0603560N	Submarine Hull Array Development - Adv Dev	X-4-08
0603561N	Advanced Submarine System Development	X-7-09
0603562N	Submarine Tactical Warfare Systems	X-93-4
0603563N	Ship Concept Advanced Design	X-93-2

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0603564N	Ship Preliminary Design & Feasibility Studies	X-93-2
0603565N	Surface Ship Navigation System	X-4-08
0603566N	Amphibious Assault Craft	
0603567N	Hydrofoil Craft (H)	
0603568N	Combat Systems Architecture	X-78-014
0603569N	Attack Submarine Development	X-79-001
0603570N	Advanced Nuclear Power Systems	X-9-05
0603571N	Physical Security	X-5-12
0603572N	Navy Dual Use Technology Program	X-94-4
0603573N	Advanced Surface Machinery Systems	X-92-5
0603575N	Special Test Systems (H)	X-80-005
0603576N	CHALK EAGLE	X-1-004
0603577N	Shipboard Laser Weapon	X-7-09
0603578N	A4W/A1G Nuclear Propulsion Plant	
0603579N	D2W Nuclear Propulsion Reactor	
0603580N	Advanced Design Submarine Nuclear Propulsion	
0603582N	Combat System Integration	
0603583N	Joint Sonar Development (H)	X-93-4
0603584N	Over-the-Horizon (OTH) Technology (H)	
0603585N	Shipboard Automation Development (H)	X-80-004
0603586N	Naval Inshore Warfare Craft (H)	
0603587N	Test Bed Development and Demonstration (H)	X-93-4
0603588N	SSBN Survivability	X-5-04

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0603589N	DDGX	X-1-002
0603591N	Joint Advanced Systems	X-4-04
0603592N	SEA STAR	X-5-07
0603601N	Mine Development	X-93-4
0603602N	CHALK PINE	X-6-03
0603604N	Advanced CW Weapon (H)	
0603605N	Advanced Conventional Ordnance (H)	X-80-004
0603606M	Advanced Marine Corps Weapons Systems (H)	X-80-004
0603609N	Conventional Munitions	X-3-04
0603610N	Advanced Warhead Development (MK-50)	X-93-4
0603611M	Marine Corps Assault Vehicles	X-79-011
0603612M	Marine Corps Mine/Countermeasures Systems - Adv Dev	X-8-05
0603634N	Electromagnetic Effects Protection Development	X-92-5
0603635M	Marine Corps Ground Combat/Support System	X-7-09
0603640M	Marine Corps Advanced Technology Demonstration (ATD)	X-0-08
0603652N	Fire Control System (H)	
0603653N	Gun Systems (H)	
0603654N	Joint Service Explosive Ordnance Development	
0603655N	Advanced Naval Gun Systems (H)	
0603656N	Advanced Minor Caliber Gun	X-8-05
0603657N	Gun System Development Program (GSDP) (H)	X-78-003
0603658N	Cooperative Engagement	X-8-05
0603659N	Naval Surface Fire Support (NSFS)	X-92-5

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0603691N	MK 48 ADCAP - Adv Dev	
0603701N	Human Factors Engineering	X-5-12
0603702N	Ocean Engineering Systems Development	
0603703N	Mobile Anti-Submarine Warfare Targets (H)	
0603704N	ASW Oceanography	X-7-09
0603705N	Advanced Logistics	
0603706N	Medical Development	
0603707N	Manpower, Personnel and Training Adv Tech Dev	X-92-3
0603708N	ASW Signal Processing	X-93-4
0603709N	Advanced Marine Biological System	X-93-4
0603710N	Man-Machine Technology	X-1-011
0603711N	Fleet Tactical Development	X-94-3
0603712N	Environmental Quality and Logistics Advanced Technology	X-94-3
0603713N	Ocean Engineering Technology Development	
0603714N	Nuclear Vulnerability/Survivability (H)	X-80-004
0603715N	Electronic Intercept System (H)	
0603716N	Laser Countermeasures and Counter-Countermeasures (H)	X-1-007
0603717N	Command and Control Systems	
0603718N	Biological/Chemical Protection (H)	
0603719N	Container Off-Loading and Transfer System (COTS)	
0603720N	Education and Training	
0603721N	Environmental Protection	
0603722N	Naval Special Warfare	X-7-09

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0603723N	ASW Force Command and Control System (H)	X-78-003
0603724N	Navy Energy Program	
0603725N	Facilities Improvement	
0603726N	Merchant Ship Naval Augmentation Program	X-2-008
0603727N	Navy Technical Information Presentation System	X-78-002
0603728N	Manufacturing Technology	X-78-002
0603729M	Marine Corps Combat Services Support	X-78-014
0603730M	Marine Corps Intelligence/Electronics Warfare Systems	X-78-014
0603731M	Marine Corps Command/Control/Communications Systems	X-78-014
0603732M	Marine Corps Advanced Manpower/Training Systems	X-78-014
0603733N	Simulation and Training Devices	X-5-12
0603734N	CHALK CORAL	X-7-07
0603735N	WWMCCS Architecture Support	X-7-09
0603736N	Strike Warfare Technology	X-1-004
0603737N	LINK HAZEL	X-2-003
0603738N	LINK WILLOW	X-4-08
0603739N	Navy Logistic Productivity	X-4-08
0603740N	LINK LAUREL	X-5-04
0603741N	Satellite Laser Communications (H)	X-91-2
0603742N	Advanced Electronic Devices Development	
0603743N	ARIADNE	X-4-08
0603744N	LINK SPRUCE	X-5-04
0603745N	RETRACT OAK	X-5-04

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0603746N	RETRACT MAPLE	X-5-04
0603747N	Undersea Warfare Advanced Technology	X-94-3
0603748N	LINK PLUMERIA	X-7-09
0603750N	CHALK WEED	X-7-09
0603751N	RETRACT ELM	X-7-07
0603752N	CHALK POINSETTIA	X-7-07
0603754N	High Energy Laser (H)	X-1-007
0603755N	Ship Self Defense	X-92-3
0603763N	Warfare Systems Architecture and Engineering	X-92-5
0603764N	LINK EVERGREEN	X-6-03
0603765M	Other Marine Corps Development (H)	X-80-004
0603766M	Marine Corps Data Systems (H)	X-80-004
0603768N	Balanced Technology Initiative	X-8-03
0603771N	Industrial Preparedness Manufacturing Technology	X-95-1
0603780N	Tactical Towed Array Sonar (H)	X-1-007
0603782N	Shallow Water MCM Demos	X-91-2
0603783N	Integrated Platform Communications Development (H)	X-91-2
0603784N	Fixed Distributed System - Adv	X-93-4
0603785N	Combat Systems Oceanographic Performance Assessment	X-93-3
0603786N	Airborne Electro-Magnetic Optical Systems	X-80-006
0603787N	Special Processes	X-80-006
0603788N	Moored Surveillance System	X-93-4
0603789N	Surveillance Towed Array Sensor System (H)	X-93-4

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0603790N	NATO Research and Development	X-6-03
0603791N	Reliability and Maintainability Initiatives (H)	X-78-003
0603792N	Advanced Technology Transition	X-6-03
0603793N	ASW Sensors (Prototype) (H)	X-80-004
0603794N	C3 Advanced Technology	X-0-08
0603795N	Gun Weapon System Technology	X-0-08
0603797N	Surface Electro-Magnetic Optical Systems (H)	
0603799N	R&D Future Options	X-80-005
0603800N	Joint Advanced Strike Technology - Dem/Val	X-95-1
0603831N	Classified Programs	
060385	Demonstration and Validation	
0603889N	Counterdrug RDT&E Projects	X-94-2
060400	Engineering Development	
0604202N	S-3A Aircraft (H)	
0604203N	Standard Avionics Development	X-7-09
0604204N	Target Development (H)	
0604205N	Laser Target Designator (H)	
0604206N	Target Recognition and Acquisition Mode (TRAM) (H)	
0604207N	OV-10 Weapon System Upgrade	X-4-08
0604208N	Range Instrumentation Systems Development (RISD)	
0604209N	Tactical Airborne Signals Exploitation System (TASES) (H)	X-78-003
0604210N	Search and Rescue Systems (H)	X-78-003
0604211N	IFF System Development	X-7-09

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0604212N	Other Helo Development	X-96-1
0604213N	Helicopter Development	X-80-003
0604214N	AV-8B Aircraft - Eng Dev	X-7-09
0604215N	Standards Development	X-93-3
0604216N	Multi-Mission Helicopter Upgrade Development	X-96-1
0604217N	S-3 Weapon System Improvement	
0604218N	Air/Ocean Equipment Engineering	X-4-08
0604219N	Airborne ASW Developments	
0604220N	Aircraft IR Signature Suppression	
0604221N	P-3 Modernization Program	X-78-014
0604223N	Visual Target Acq., Identification, and Weapons Control Sys Dev (H)	
0604224N	Airborne Electronic Warfare - Eng	X-7-09
0604225N	Advanced Radar Warning System	X-1-007
0604226N	Airborne Self-Protective Jammer	X-7-07
0604227N	HARPOON Modifications	X-1-011
0604228N	SH-60 CV Variant	
0604229N	Carrier Inner Zone ASW Helicopter	X-4-04
0604230N	Warfare Support System	X-7-07
0604231N	Tactical Command System	X-7-07
0604232N	Communication Support System (H)	X-91-2
0604233N	AFX	X-93-3
0604245M	H-1 Upgrades	X-96-1
0604251N	CH-46 Replacement	X-93-2

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0604252N	Aircraft Propulsion (H)	
0604253N	Airborne Tactical Signal Exploitation (H)	X-80-004
0604254N	CH-46E Range Extension Tanks	X-78-014
0604255N	Electronic Warfare Simulator Development	X-4-08
0604256N	Threat Simulator Development	X-93-2
0604258N	Target Systems Development	X-93-2
0604259N	VCX (H)	X-80-004
0604260N	C/MH-53E	
0604261N	Acoustic Search Sensors	
0604262N	V-22A	X-7-09
0604263N	F/A-18	
0604264N	Air Crew Systems Development	X-9-05
0604265N	Air Launched Saturation System (ALSS)	X-91-2
0604266N	Advanced Signal Processor (ASP)	
0604267N	AWG-9 Update	X-79-001
0604268N	Aircraft Engine Component Improvement Program	X-80-005
0604270N	EW Development	X-8-05
0604301N	MK 92 Fire Control System Upgrade	X-7-09
0604302N	3T Major Systems Development (H)	
0604303N	AEGIS Area Air Defense	X-7-09
0604304N	Combat System Engineering Development Site	
0604305N	Advanced Monopulse Seeker (H)	X-3-04
0604306N	Penguin Combat Development	X-78-014

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0604307N	AEGIS Combat System Engineering	X-6-03
0604308N	LINK ASH	X-4-01
0604309N	SEA LANCE	X-5-12
0604311N	LPD-17 Class Systems Integration	X-95-1
0604312N	Tri-Service Standoff Attack Missile	X-92-5
0604314N	Advanced Medium Range Air-to-Air Missile (AMRAAM)	X-80-009
0604351N	Long Range Conventional Cruise Missile (LRCCM)	X-9-05
0604352N	Surface-Launched Weaponry,Systems, and Technology	
0604353N	Vertical Launching System	X-1-002
0604354N	Air-to-Air Missile Systems Engineering	
0604355N	Vertical Launch ASROC	X-2-006
0604358N	Close-In Weapon System (PHALANX)	
0604359N	Standard SSM Missile (H)	
0604360N	High-Speed, Anti-Radiation Missile (HARM)	
0604361N	NATO SEA SPARROW	
0604362N	Point Defense Improvement (H)	X-80-004
0604363N	TRIDENT II	X-4-03
0604364N	Anti-Ship Weaponry (H)	
0604365N	STANDARD Missile-2 (N)	X-7-09
0604366N	Standard Missile Improvements	
0604367N	TOMAHAWK - Theater Mission Planning Center	X-7-09
0604368N	Vertical Launching System (H)	X-80-009
0604369N	5"Rolling Air Frame Missile	X-78-014

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DEPARTMENT OF DEFENSE
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Program 6 -- Research and Development -- Navy and Marine Corps

		Latest Structure Change
0604370N	SSN-688 Class Vertical Launch System	X-1-011
0604371N	HELLFIRE	
0604372N	New Threat Upgrade	
0604373N	Airborne MCM	X-93-3
0604374N	Surface Mine Countermeasures - Eng Dev	X-8-05
0604502N	Submarine Communications	
0604503N	SSN-688 and Trident Modernization	X-93-3
0604504N	Air Control	
0604506N	Chemical Warfare Countermeasures	
0604507N	Enhanced Modular Signal Processor	X-93-3
0604508N	Radar Surveillance Equipment	
0604509N	Advanced Tactical Radar	X-4-08
0604510N	Communications Systems (H)	X-91-2
0604511N	Intelligence Systems (H)	X-91-2
0604512N	Shipboard Aviation Systems	X-93-2
0604513N	Electronic Warfare QRC (H)	
0604514N	Navigation Systems	
0604515N	Submarine Support Equipment Program	X-7-09
0604516N	Ship Survivability	X-7-09
0604517N	Joint Advanced Tactical Command Control and Communications Program (H)	X-3-04
0604518N	Combat Information Center Conversion	
0604520N	Submarine Hull Array Development - Eng Dev	X-4-08
0604521N	Ship Anti-Missile Integrated Defense (H)	

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0604523N	ASW Acoustic Warfare (H)	
0604524N	Submarine Combat System	X-7-09
0604525N	National Microwave Landing System	
0604526N	LHDX	
0604554N	Surface Electronic Warfare	X-1-007
0604558N	New Design SSN	X-92-5
0604559N	Deep Submergence Technology	
0604560N	Trident Submarine System (H)	X-80-004
0604561N	SSN-21 Developments	X-7-09
0604562N	Submarine Tactical Warfare System	
0604563N	Physical Security - Eng Dev	X-5-12
0604564N	NATO Patrol Hydrofoil Missile (PHM) (H)	X-78-003
0604565N	Sea Control Ship (H)	
0604566N	Acoustic Communications	
0604567N	Ship Contract Design/ Live Fire T&E	X-93-2
0604568N	Design-To-Cost Electronic Warfare Systems (H)	X-80-004
0604569N	NATO Sea GNAT (H)	X-93-4
0604570N	CSGN Development (H)	X-80-004
0604571N	Strategic Sealift Technology Development - EMD	X-95-1
0604572N	Naval Special Warfare Craft (H)	X-80-004
0604573N	Shipboard Electronic Warfare Improvements	X-1-007
0604574N	Navy Tactical Computer Resources	X-9-05
0604575N	AN/SQS-53C	

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Program 6 -- Research and Development -- Navy and Marine Corps

		Latest Structure Change
0604576N	Influence MCM	
0604577N	EHF SATCOM	
0604578N	LINK BIRCH	X-3-03
0604579N	Next Generation Computer Resources	X-9-05
0604601N	Mine Development	X-93-4
0604602N	Naval Gunnery Improvements	X-7-07
0604603N	Unguided Conventional Air-Launched Weapons	
0604604N	Chemical Warfare Weapons	
0604605N	Conventional Ordnance Equipment (H)	
0604606M	Marine Corps Ordnance/Combat Vehicle System (H)	X-80-004
0604607N	Fire Control Systems Electro-Optics	
0604608N	Surface Electro-Optic System	X-7-09
0604609N	Bomb Fuze Improvement	X-7-09
0604610N	Lightweight Torpedo Development	X-94-3
0604612M	Marine Corps Mine Countermeasures Systems - Eng Dev	X-8-05
0604618N	Joint Direct Attack Munition	Temp 12-91
0604652N	Gun System Improvement Program	
0604654N	Joint Service Explosive Ordnance Development	
0604655N	Major Caliber Lightweight Gun (H)	X-80-004
0604656M	Marine Corps Assault Vehicles - Eng Dev	X-9-03
0604657M	Marine Corps Ground Combat/Supporting Arms System - Eng Dev	X-8-05
0604675N	MK 48 ADCAP - Eng Dev	
0604701N	Prototype Carrier Operational Test and Evaluation Site	

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Program 6 -- Research and Development -- Navy and Marine Corps

		Latest Structure Change
0604702N	Counterintelligence System (H)	X-80-003
0604703N	Personnel, Training, Simulation, and Human Factors	X-5-12
0604704N	Anti-Submarine Warfare Oceanographic Equipment	X-4-08
0604705N	CHALK BANYAN (H)	X-91-2
0604706N	Remote Unattended Sensor Warfare (H)	
0604707N	Space and Electronic Warfare (SEW) Architecture/Engineering Support	X-93-3
0604708N	Initial Trainer Acquisition	X-5-12
0604709N	Joint-Service Manpower/Personnel Prototypes	X-3-03
0604710N	Navy Energy Program	
0604711N	Navy Command and Control Systems (NCCS) Ashore Nodes (H)	X-91-2
0604712N	Special Electromagnetic Interferences (H)	X-93-4
0604713N	Surface ASW System Improvement	X-6-03
0604714N	Air Warfare Training Devices	X-78-014
0604715N	Surface Warfare Training Devices	X-78-014
0604716N	Submarine Warfare Training Devices	X-78-014
0604717M	Marine Corps Combat Services Support	X-78-014
0604718M	Marine Corps Intelligence/Electronics Warfare System	X-78-014
0604719M	Marine Corps Command/Control/Communications Systems	X-78-014
0604720M	Marine Corps Tac Air Oper Central - 1985 (H)	X-7-09
0604721N	Battle Group Passive Horizon Extension System	X-92-2
0604725N	Regional Tactical Surveillance (H)	X-91-2
0604727N	Joint Standoff Weapon Systems	X-9-05
0604745N	Battlefield Exploitation Target Acquisition-Navy Integration	X-80-005

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0604755N	Ship Self Defense	X-93-2
0604759N	Major T&E Investment	X-93-2
0604761N	Intelligence Engineering	X-94-3
0604763N	LINK CYPRESS	X-7-09
0604765M	Other Marine Corps Developments	
0604766M	Marine Corps Data Systems	
0604771N	Medical Development	X-80-004
0604777N	Navigation/ID System	X-93-3
0604778N	NAVSTAR Global Positioning System (User Equipment)	X-78-002
0604779N	Joint Interoperability of Tactical Command & Control Systems (JINTACCS) (H)	X-91-2
0604780M	JINTACCS Marine Corps	X-7-09
0604784N	Distributed Surveillance System	X-93-3
0604789N	Surveillance Towed Array Sensor System	X-93-4
0604792N	Surface Electro-Magnetic Optical System (H)	
0604793N	Foreign Weapons Evaluation (H)	X-80-004
0604800N	Joint Advanced Strike Technology (JAST) - EMD	X-95-1
0604889N	Counterdrug Engineering and Manufacturing Development Projects	X-94-2
060500	Management and Support	
0605001N	R&D Laboratories (Industrially-Funded)	X-78-014
0605002N	Revenues (R&D Laboratories) (IF) (H)	X-94-3
0605003N	General Purpose Lab - NRL (H)	
0605004N	Other Construction	
0605093N	Revenues (Real Prop. Maint. -RDT&E) (IF) (H)	X-94-3

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Program 6 -- Research and Development -- Navy and Marine Corps

		Latest Structure Change
0605094N	Real Property Maintenance - RDT&E (IF) (H)	X-93-2
0605096N	Base Operations - RDT&E (IF)	X-80-001
0605097N	Revenues (Base Operations - RDT&E) (IF) (H)	X-94-3
0605150N	Cost Research	X-9-05
0605151M	Studies and Analysis Support - MC	
0605152N	Studies and Analysis Support - Navy	
0605153M	Marine Corps Operations Analysis Group, CNA	
0605154N	Center for Naval Analyses	X-7-09
0605155N	Fleet Tactical Development	X-94-3
0605156M	Marine Corps Operational Test and Evaluation	X-79-010
0605351N	Pacific Missile Range	
0605352N	Systems Test and Instrumentation (H)	
0605501N	RDT&E Project Ships	
0605502N	Small Business Innovative Research	X-5-04
0605803N	Electromagnetic Effects & Spectrum Control	X-7-09
0605804N	Technical Information Services	
0605849N	F/A-18 R&D Facility and Installation Support Aircraft	X-4-03
0605851N	Facilities and Installations Support	
0605852N	Atlantic Undersea Test and Evaluation Center (AUTEC)	
0605853N	Management, Technical & International Support	X-93-3
0605854M	Marine Corps System Command	X-96-1
0605855N	Naval Arctic Research Laboratory (NARL) - Pt. Barrow	
0605856N	Strategic Technical Support	

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Program 6 -- Research and Development -- Navy and Marine Corps

		Latest Structure Change
0605857N	International RDT&E	
0605858N	Tactical Electro Support	X-2-008
0605859N	Mobile Sea Range	X-7-09
0605860N	USS HIP POCKET (H)	X-78-003
0605861N	RDT&E Science and Technology Management	X-5-12
0605862N	RDT&E Instrumentation Modernization	
0605863N	RDT&E Ship and Aircraft Support	
0605864N	Test and Evaluation Support	
0605865N	Operational Test and Evaluation Capability	
0605866N	Navy Space and Electronic Warfare (SEW) Support	X-93-3
0605867N	SEW Surveillance/Reconaissance Support	X-93-3
0605868N	R&D Operational Planning Support (H)	X-80-004
0605869N	Occupational Safety and Health Administration Support	X-79-010
0605870N	Strategic Systems Test Support	X-1-004
0605871M	Marine Corps Tactical Exploitation of National Capabilities	X-7-09
0605872N	Productivity Investments	X-1-003
0605873N	Long Range Planning Support	X-2-006
0605873M	Marine Corps Program Wide Support	X-94-3
0605879N	Real Property Services (RPS) - RDT&E	X-94-7
0605890N	Visual Information Activities-R&D	X-6-06
0605894N	Real Property Maintenance - RDT&E (H)	X-93-2
0605896N	Base Operations - RDT&E	X-95-1
0605898N	Management Headquarters (Research and Development)	

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Program 6 -- Research and Development -- Navy and Marine Corps

		Latest Structure Change
0605903N	Service Support to OSD (H)	
0605904N	Service Support to ARPA	
0605906N	Service Support to DNA	
0605906M	Service Support to DNA	X-9-05
0605907N	Service Support to BMDO	X-5-01
0605908N	Service Support to TJS	X-5-01
0605908M	Service Support to TJS	X-9-05

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060100	Research		
0601101F		In-House Laboratory Independent Research	
0601102F		Defense Research Sciences	
0601103F		University Research Initiatives (H)	X-0-10
060200	Exploratory Development		
0602101F		Geophysics	
0602102F		Materials	
0602103F		CLOUD GAP (H)	
0602201F		Aerospace Flight Dynamics	
0602202F		Armstrong Lab Exploratory Development	X-95-2
0602203F		Aerospace Propulsion	
0602204F		Aerospace Avionics	X-4-06
0602205F		Personnel, Training and Simulation	X-7-10
0602206F		Civil Engineering and Environmental Quality	X-4-06
0602269F		Hypersonic Technology Program	X-94-4
0602302F		Rocket Propulsion and Astronautics Technology	X-0-10
0602601F		Phillips Lab Exploratory Development	X-95-2
0602602F		Conventional Munitions	
0602702F		Command Control and Communications	
0602703F		Personnel Utilization Technology (H)	X-92-3
0602704F		Very High Speed Integrated Circuits (H)	X-5-03
0602790F		Small Business Innovative Research/Small Bus Tech Transfer Pilot Prog	X-93-2

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Program 6 -- Research and Development -- Air Force

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Latest Structure Change

0602889F		Counterdrug RDT&E Support	X-94-2
060300	Advanced Development		
0603102F		Innovations in Training and Education (H)	
0603103F		Advanced Airborne Radar Development (H)	X-6-01
0603104F		Airlift Planning (H)	X-5-03
0603105F		Olympic (H)	X-95-2
0603106F		Logistics Systems Technology	X-6-01
0603107F		Technical Evaluation System	X-8-04
0603108F		Integrated Data Systems	X-95-4
0603109F		INEWS/ICNIA (H)	X-95-2
0603110F		Special Evaluation System	X-7-01
0603111F		Meridian	X-7-01
0603112F		Advanced Materials for Weapon Systems	X-8-06
0603201F		X-15 Research Aircraft (H)	
0603202F		Aerospace Propulsion Subsystems Integration	X-7-10
0603203F		Advanced Avionics for Aerospace Vehicles	X-7-10
0603204F		Light Intra-Theater Transport (H)	
0603205F		Flight Vehicle Technology	X-95-2
0603206F		Tri-Service V/STOL Developments (H)	
0603207F		Advanced Fire Control/Missile Technology (H)	
0603208F		Advanced Electronics for Aerospace Vehicles (H)	X-7-10
0603209F		MACH-8 RAMJET (H)	
0603210F		Supersonic Combustion (H)	

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DEPARTMENT OF DEFENSE
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Program 6 -- Research and Development -- Air Force

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Latest Structure Change

0603211F	Aerospace Structures	X-8-06
0603212F	Hypersonic Vehicle Technology (H)	
0603213F	V/STOL (H)	X-5-03
0603214F	VTOL Engine Development (H)	
0603215F	Aerospace Fuels and Propulsion Technology (H)	X-7-10
0603216F	Aerospace Propulsion and Power Technology	X-7-10
0603217F	Weapon Systems Power (H)	X-9-02
0603218F	High By-Pass Turbo Fan CX-HLS (H)	
0603219F	Laminar Flow Control Demo Aircraft (H)	
0603220F	Air Separator (H)	
0603221F	Advanced Liquid Air Cycle Eng (LACE) (H)	
0603222F	Turbo Accelerator (H)	
0603223F	New Surveillance Aircraft	
0603224F	Close Support Fighter (H)	
0603225F	Subsonic Cruise Armed Decoy (SCAD) (H)	
0603226F	DoD Common Programming Language (Ada) Advanced Develop (H)	X-92-3
0603227F	Personnel, Training and Simulation Technology	X-7-10
0603228F	Next Generation Trainer Aircraft (H)	X-4-01
0603229F	CONUS Air Defense Interceptor (H)	
0603230F	Advanced Tactical Fighter (H)	X-95-2
0603231F	Crew Systems and Personnel Protection Technology	X-7-10
0603232F	Advanced Aerial Target Technology (H)	X-5-03
0603233F	Laser Hardened Materials (H)	X-5-03

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Latest Structure Change

0603234F	Enforcer Aircraft (H)	X-5-03
0603235F	Lightweight Fighter Prototype (H)	
0603236F	Advanced Medium STOL Transport (AMST) (H)	
0603237F	Stall/Spin Inhibitors (H)	
0603238F	Global Surveillance and Communication Technology	X-95-2
0603239F	Unmanned Air Reconnaissance System (UARS) (H)	X-91-2
0603240F	Lightweight Fighter Engine (H)	
0603242F	Combat Aircraft Prototype (H)	X-5-03
0603243F	Digital Avionics Information System (H)	X-5-03
0603244F	Aircraft Non-Nuclear Survivability (H)	X-7-10
0603245F	Flight Vehicle Technology Integration	X-95-2
0603246F	Aircraft Subsystems Technology (H)	X-5-03
0603247F	Modular Automatic Test Equipment (H)	X-5-03
0603248F	Concept Development (H)	X-0-10
0603249F	Night Attack Program (H)	X-6-01
0603250F	Lincoln Laboratory	X-78-015
0603251F	New Manned Bomber (H)	X-5-03
0603252F	Bomber Penetration Evaluation (B-1) (H)	X-5-03
0603253F	Advanced Avionics Integration	X-7-10
0603254F	Derivative Engine Technology Insertion Program	X-92-3
0603256F	CV-22A (H)	X-92-3
0603258F	Common Strategic Rotary Launcher (H)	X-7-04
0603259F	Cartographic Application for Tactical and Strategic Systems (H)	X-7-10

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0603260F	Intelligence Advanced Development	X-5-09
0603261F	Pave Runner Advanced Development (H)	X-92-4
0603265F	Long Range Conventional Cruise Missile	X-8-04
0603269F	National Aero Space Plane Technology Program	X-6-04
0603270F	Electronic Combat Technology	X-95-2
0603301F	Advanced RAMJET Missile Propulsion (H)	
0603302F	Space and Missile Rocket Propulsion	X-3-06
0603304F	Air Force Support to SDIO - Reimbursable (H)	X-92-3
0603305F	Advanced ICBM Technology (H)	X-80-004
0603306F	Defense Suppression Weapons Advanced Technology (H)	X-5-03
0603307F	Air Base Operability Advanced Development	X-7-10
0603308F	Strategic Missile Modernization	X-93-4
0603309F	Reinforced Grain Solid Rocket (H)	
0603310F	High Energy Solid Propulsion Rocket Motor (H)	
0603311F	Ballistic Missile Technology	X-92-4
0603312F	Advanced Concepts (H)	X-92-3
0603314F	Strategic Laser Systems Technology (H)	X-6-01
0603315F	Advanced Short-Range, Air-to-Air Missile (ASRAAM) System Technology (H)	X-80-004
0603317F	Theater Ballistic Missile (H)	X-5-03
0603318F	Counter SUAWACS Technology Program (H)	X-6-01
0603319F	Airborne Laser Technology	X-93-2
0603320F	Low Cost Anti-Radiation Seeker (H)	X-94-1
0603321F	Bell Weather (H)	X-92-4

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Latest Structure Change

0603363F	Armament Technology Integration (H)	X-95-2
0603364F	Short Range Attack Missile II (SRAM II) - Adv Dev (H)	X-92-3
0603367F	Relocatable Target Capability Program (H)	X-94-1
0603368F	Air Defense Battle Management Technology (H)	X-93-4
0603369F	Cruise Missile Engagement Systems Technology (H)	X-93-4
0603370F	Advanced Medium-Range, Air-to-Air Missile (AMRAAM) (H)	X-5-03
0603401F	Advanced Spacecraft Technology	X-3-02
0603402F	Space Test Program	
0603403F	Aerospace Research (ARSP) (H)	
0603404F	Satellite Balloons and Rockets (H)	
0603405F	Large Solid Propellant Motor (H)	
0603407F	Space Objective Surveillance, Tracking and Identification (H)	
0603408F	Advanced Liquid Rocket Technology (H)	
0603409F	Defense Subsystem Development and Demonstration (H)	
0603410F	Space Systems Environmental Interactions Technology	X-1-003
0603411F	Space Shuttle (H)	X-5-03
0603413F	Program 626 (H)	
0603414F	Space Test Electric Propulsion (H)	
0603415F	Space Power Unit (H)	
0603417F	Advanced Solar Turbo Electric Concept (H)	
0603418F	DYNASOAR (H)	
0603419F	GEMINI (H)	
0603420F	Program 706 (H)	

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		Latest Structure Change
0603421F	NAVSTAR Global Positioning System (H)	X-80-004
0603424F	Cruise Missile Surveillance Technology (H)	X-91-2
0603425F	Advanced Warning System (H)	X-95-2
0603428F	Space Subsystems Technology	X-92-4
0603429F	Warning Information Correlation (H)	X-93-4
0603430F	Advanced MILSATCOM	X-94-3
0603431F	Space Communications (H)	X-91-2
0603432F	Polar Adjunct	X-94-3
0603433F	Defense Satellite Communications System Replenishment	X-94-3
0603434F	National Polar-orbiting Operational Environmental Satellite System - Dem/Va	X-95-1
0603435F	Integrated Operational NUDET Detection System (H)	X-93-4
0603437F	HAVE DJINN (H)	X-91-2
0603438F	Satellite Systems Survivability	
0603439F	Advanced Space Application Program (H)	X-5-03
0603440F	Brilliant Eyes	X-94-3
0603441F	Space Based Infrared Architecture (SBIR) - Dem/Val	X-95-1
0603452F	Very High Speed Integrated Circuits (H)	X-92-3
0603453F	Nuclear Systems Development (H)	X-92-4
0603601F	Conventional Weapons Technology	X-92-4
0603604F	Chemical Warfare Weapons (H)	
0603605F	Advanced Weapons Technology	X-95-2
0603606F	Aerial Gun System (H)	X-80-004
0603607F	F-4 Modernization Demonstration (H)	X-8-04

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0603609F	Millimeter Wave Seekers (H)	X-92-3
0603616F	Advanced Assault Breaker Development (H)	X-5-03
0603617F	Command, Control, and Communication Applications	X-8-06
0603701F	Overland Radar Technology (H)	
0603702F	Over-the-Horizon Radar Technology (H)	
0603703F	CONUS Over-the-Horizon Radar (H)	X-5-03
0603704F	Manpower and Personnel Systems Technology (H)	X-7-10
0603705F	Low Life Cycle Cost Avionics (H)	X-1-007
0603706F	Heartline Demonstration Program (H)	X-5-03
0603707F	Weather Systems Technology	X-92-4
0603709F	LORAN-D (H)	
0603713F	Tri-Service Lightweight Tactical Radar (H)	
0603714F	DoD Physical Security Equipment - Exterior	X-78-008
0603715F	Reconnaissance Intelligence (H)	
0603716F	Atmospheric Surveillance Technology (H)	X-92-3
0603717F	Technical On-site Inspection Program (H)	X-94-1
0603718F	Electronic Warfare Technology (H)	X-8-04
0603719F	Simulator for Air-to-Air Combat (H)	
0603720F	Survivable Command and Control Communications (H)	
0603721F	Lightweight COIN Radar Technology (H)	
0603723F	Environmental Engineering Technology	X-95-2
0603726F	C3I Subsystem Integration	X-7-10
0603727F	Advanced Communications Technology (H)	X-7-10

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Program 6 -- Research and Development -- Air Force

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0603728F	Advanced Computing Technology	X-92-4
0603729F	Helicopter-Borne Radar (H)	
0603731F	Advanced Detection System Development (H)	X-5-03
0603732F	Project MALLARD (H)	
0603735F	WWMCCS Architecture (H)	X-9-05
0603738F	ADI Surveillance Technology (H)	X-92-4
0603739F	Advanced Drone/Remotely Piloted Vehicle Development (H)	X-5-03
0603740F	Ground-Based Sensors Technology (H)	
0603741F	Defense Suppression (H)	X-5-03
0603742F	Combat Identification Technology	X-1-005
0603743F	Electronic Combat Technology (H)	X-92-3
0603745F	Chemical Warfare Defense (H)	X-7-10
0603746F	Side-Looking Airborne Radar (SLAR) (H)	X-5-03
0603749F	C3CM Advanced Systems (H)	X-95-2
0603750F	Counter-Countermeasures (CCM) (H)	X-7-10
0603751F	Training Systems Technology (H)	X-0-10
0603752F	DoD Software Engineering Institute (H)	X-0-05
0603768F	Balanced Technology Initiative (H)	X-92-3
0603770F	Joint Surveillance/Target Attack Radar System (JSTARS) (H)	X-8-04
0603771F	Industrial Preparedness Manufacturing Technology	X-95-1
0603789F	C3 Advanced Development	X-8-06
0603790F	NATO Research and Development (H)	X-92-3
0603800F	Joint Advanced Strike Technology - Dem/Val	X-95-1

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DEPARTMENT OF DEFENSE
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Program 6 -- Research and Development -- Air Force

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Latest Structure Change

0603801F		Special Programs	X-78-004
0603831F		Classified Programs	
060385	Demonstration and Validation		
0603851F		Intercontinental Ballistic Missile - Dem/Val	X-95-1
0603852F		C-130J - Dem/Val	X-95-1
0603853F		Evolved Expendable Launch Vehicle (EELV) Program - Dem/Val	X-95-1
0603889F		Counterdrug RDT&E Projects	X-94-2
060400	Engineering Development		
0604201F		Aircraft Avionics Equipment Development	
0604202F		XB-70 (H)	
0604203F		F-4 Improvements (H)	
0604204F		YF-12A (H)	
0604205F		Interceptor, Fire Control, and Missile Systems (H)	
0604206F		WILD WEASEL (H)	X-78-003
0604207F		VTOL Aircraft (US/FRG) (H)	
0604208F		J-58 Engine (H)	
0604209F		F100 Durability (H)	X-8-04
0604210F		Adverse Weather Aerial Delivery Systems (H)	
0604211F		Advanced Aerial Target Development	
0604212F		Aircraft Equipment Development	
0604213F		ASW-18/GAR-9 (H)	
0604214F		Tanker Aircraft Improvements (H)	
0604215F		B-1 (H)	

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DEPARTMENT OF DEFENSE
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Program 6 -- Research and Development -- Air Force

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Latest Structure Change

0604216F	WWABNCP System Replacement (H)	X-7-01
0604217F	AC-130 Gunship (H)	X-78-003
0604218F	Engine Model Derivative Program (EMDP)	
0604219F	Integrated Digital Avionics (H)	X-92-3
0604220F	EW Counter Response (H)	X-92-3
0604221F	Special Improvements Projects (H)	X-7-04
0604222F	Nuclear Weapons Support	X-78-015
0604223F	Alternate Fighter Engine (H)	X-95-2
0604224F	Operational Support Aircraft Modernization (H)	X-5-03
0604225F	A-10 Aircraft (H)	
0604226F	B-1B	X-92-3
0604227F	Training Systems Development	X-9-05
0604228F	Advanced Medium STOL Transport (AMST) (H)	X-5-03
0604229F	F-16 Development (H)	X-80-004
0604230F	FAC-X (H)	X-6-01
0604231F	C-17 Program	X-2-005
0604232F	PAVE RUNNER (H)	X-92-3
0604233F	Specialized Undergraduate Pilot Training	X-93-1
0604234F	Common Strategic Rotary Launcher (H)	X-92-3
0604235F	Cruise Missile Surveillance Sensors (H)	X-91-2
0604236F	Intrared Search and Track System (H)	X-94-1
0604237F	Variable Stability In-Flight Simulator Test Aircraft	X-4-06
0604238F	Constant Pisces (H)	X-8-06

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DEPARTMENT OF DEFENSE
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Program 6 -- Research and Development -- Air Force

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Latest Structure Change

0604239F	F-22 EMD	X-93-3
0604240F	B-2 Advanced Technology Bomber	X-8-04
0604241F	Consolidated EW Programs (H)	X-92-3
0604242F	Advanced Interdiction Aft (AX)	X-93-1
0604243F	Manpower, Personnel and Training Development	X-8-06
0604244F	Short Range Attack Missile II (SRAM II) - Eng Dev (H)	X-95-2
0604245F	Short Range Attack Missile - Tactical (SRAM-T) (H)	X-95-2
0604246F	Close Air Support Alternatives (H)	X-92-4
0604247F	Air Force Centralized Integrated Diagnostics	X-92-3
0604248F	Modular Standoff Weapons (H)	X-9-02
0604249F	Night/Precision Attack	X-80-005
0604250F	Integrated EW/CNI Development (H)	X-95-2
0604252F	Tactical Deception System - Advanced (H)	X-92-4
0604256F	Threat Simulator Development	X-93-2
0604258F	Target Systems Development	X-93-2
0604262F	CV-22A	X-7-01
0604268F	Aircraft Engine Component Improvement Program	X-80-005
0604270F	EW Development	X-8-04
0604301F	Tactical Air-to-Ground Missile (MAVERICK) (H)	
0604302F	Defense Suppression Weapons Engineering Development (H)	X-6-01
0604304F	Air-to-Air Missile Improvements (H)	
0604305F	MMRBM (H)	
0604307F	Hard Rock Silo Development (H)	

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Program 6 -- Research and Development -- Air Force

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Latest Structure Change

0604308F	Short-Range Air-to-Air Missile (H)	
0604309F	HOUND DOG II (H)	
0604311F	Antiradiation Missile Engineering Development (H)	X-5-03
0604312F	ICBM Modernization	X-4-02
0604313F	T-46A (H)	X-9-05
0604314F	Advanced Medium-Range, Air-to-Air Missile (AMRAAM) (H)	X-92-3
0604315F	Advanced Short Range Air-to-Air Missile (ASRAAM) (H)	X-92-3
0604321F	Combat Intelligence System -EMD	X-95-1
0604324F	Joint Tactical Missile System (JTACMS) (H)	X-7-04
0604325F	Standoff Attack Weapon (H)	X-5-03
0604326F	Strategic Conventional Standoff Capability (SCSC) (H)	X-92-3
0604327F	Hardened Target Munitions	X-5-09
0604361F	Air Launched Cruise Missile (ALCM) (H)	X-94~1
0604362F	Ground-Launched Cruise Missile (GLCM) (H)	X-92-3
0604401F	AGENA-D (H)	
0604406F	Space Defense System (H)	X-92-3
0604407F	Advanced Warning System	X-93-4
0604408F	National Launch System (H)	X-95-3
0604410F	Space-Based Radar (SBR) FSD	X-0-06
0604411F	Space Shuttle (H)	X-8-04
0604412F	Common Multimode Radar (H)	X-5-03
0604413F	B-1B Strategic ECM	Disapprove
0604441F	Space Based Infrared Architecture (SBIR) - EMD	X-95-1

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DEPARTMENT OF DEFENSE
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Program 6 -- Research and Development -- Air Force

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Latest Structure Change

0604478F	NAVSTAR Space and Control Equipment (H)	X-80-004
0604479F	Milstar LDR/MDR Satellite Communications	X-94-3
0604480F	Global Positioning System Block IIF	X-95-1
0604600F	Munitions Dispenser Development	X-94-6
0604601F	Chemical/Biological Defense Equipment	
0604602F	Armament/Ordnance Development	
0604603F	Improved Aircraft Gun Systems (H)	X-80-004
0604604F	Submunitions	X-3-03
0604605F	30mm Close Air Support Gun System (H)	X-5-03
0604607F	Wide-Area, Anti-Armor Munitions (H)	X-95-2
0604608F	Close Air Support Weapon System (H)	X-6-01
0604609F	R&M Maturation/Technology Insertion	X-5-09
0604610F	Air Delivered Land Mines (H)	X-5-03
0604612F	Low-Level, Laser-Guided Bomb (LGB) (H)	X-5-03
0604613F	Common NATO Munitions (H)	X-5-03
0604614F	Medium Range Air-to-Surface Missile (H)	X-5-03
0604615F	Guided Hard Structures Munitions (HSM) (H)	X-6-01
0604617F	Air Base Operability	X-7-10
0604618F	Joint Direct Attack Munition	Temp 12-91
0604701F	Tactical Information Processing and Interpretation (H)	
0604702F	ATCRBS/AIMS (H)	
0604703F	Aeromedical/Chemical Defense Systems	X-92-4
0604704F	Common Support Equipment Development	X-6-01

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DEPARTMENT OF DEFENSE
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Program 6 -- Research and Development -- Air Force

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Latest Structure Change

0604706F	Life Support Systems	
0604707F	Weather Systems - Eng Dev (H)	X-95-3
0604708F	Civil, Fire, Environmental, Shelter Engineering	X-9-02
0604709F	Improving Tactical Bombing (H)	X-5-03
0604710F	Reconnaissance Equipment (H)	X-92-4
0604711F	Systems Survivability (Nuclear Effects)	X-78-008
0604714F	Improved Aircraft Firefighting Equipment (H)	X-78-003
0604715F	DoD Physical Security Equipment - Exterior (H)	X-92-3
0604716F	Sensors for Weather Reconnaissance Aircraft (H)	
0604718F	COBRA MIST (H)	
0604719F	EW Reprogramming Update (H)	X-5-03
0604720F	Mapping, Charting and Geodesy (H)	
0604721F	Common Mobility Support (H)	
0604722F	Strategic C3 Implementation (H)	X-5-03
0604723F	E-4 (H)	X-78-003
0604724F	Tactical C3 Countermeasures (H)	X-91-2
0604725F	Combat Identification Systems	X-1-005
0604726F	EIFEL II (H)	X-5-03
0604727F	Joint Standoff Weapons Systems	X-9-02
0604728F	Tactical LORAN (H)	
0604729F	COMPASS COPE (H)	X-78-003
0604730F	Ground Based Sensors Development and Testing (H)	
0604732F	Drone/Remotely Piloted Vehicle Systems Development (H)	

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DEPARTMENT OF DEFENSE
Program Element Codes and Titles

Program 6 -- Research and Development -- Air Force

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Latest Structure Change

0604733F	Surface Defense Suppression	
0604735F	Combat Training Ranges	X-94-6
0604736F	Foreign Weapons Evaluation (H)	
0604737F	Airborne Self-Protection Jammer (H)	X-9-02
0604738F	Protective Systems (H)	X-92-3
0604739F	Tactical Protective Systems (H)	X-9-02
0604740F	Computer Resource Technology Transition (CRTT)	X-92-4
0604741F	High Accuracy Targeting Systems (H)	X-78-003
0604742F	Precision Location Strike System (H)	X-92-4
0604743F	Tactical Support Jamming (H)	
0604744F	Air Warning and Control System (AWACS) (H)	X-78-003
0604745F	F-4 WILD WEASEL/ALQ-99 (H)	
0604746F	Expendable Drones (H)	X-5-03
0604747F	Electromagnetic Radiation Test Facilities	
0604750F	Intelligence Equipment	
0604751F	Intra-Theater Imagery Systems (H)	X-5-03
0604752F	NATO Airborne Early Warning and Control (AEW&C) Aircraft (H)	
0604753F	Combat Helicopter Modernization (H)	X-8-04
0604754F	Joint Tactical Information Distribution System (JTIDS)	
0604755F	Improved Capability for Development Test & Evaluation	X-3-01
0604756F	Side Looking Airborne Radar	X-79-010
0604757F	Systems Protection (H)	X-5-03
0604758F	Companion Trainer Aircraft Development (H)	X-5-03

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DEPARTMENT OF DEFENSE
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Program 6 -- Research and Development -- Air Force

		Latest Structure Change
0604759F	Major T&E Investment	X-93-2
0604770F	Joint Surveillance/Target Attack Radar System (JSTARS)	X-3-03
0604778F	NAVSTAR Global Positioning System (H)	X-7-04
0604779F	Joint Interoperability of Tactical Command & Control Systems (JINTACCS)	X-78-004
0604800F	Joint Advanced Strike Technology (JAST) - EMD	X-95-1
0604851F	Intercontinental Ballistic Missile - EMD	X-95-1
0604853F	Evolved Expendable Launch Vehicle (EELV) Program - EMD	X-95-1
0604889F	Counterdrug Engineering and Manufacturing Development Projects	X-94-2
060500	Management and Support	
0605001F	R&D Industrial Fund Activities (H)	
0605002F	Revenues (R&D Industrial Fund Activities) (H)	
0605003F	Science Laboratory Avionics (AVLAB) (H)	
0605005F	Aircraft Test Facilities (H)	
0605006F	Research and Development Facilities (H)	
0605007F	Electro Gas Dynamic Facility, WPAFB (H)	
0605008F	Toxic Alt-Prop Research Facility (H)	
0605009F	High Thrust Rocket Research Facility (H)	
0605010F	Other Construction (H)	
0605101F	RAND Project Air Force	X-92-3
0605102F	Analytic Services, Inc. (ANSER) (H)	X-78-003
0605103F	Studies and Analyses (H)	
0605301F	Space and Missile Test Center (SAMTEC) (H)	
0605302F	Eastern Test Range (H)	

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DEPARTMENT OF DEFENSE
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Program 6 -- Research and Development -- Air Force

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Latest Structure Change

0605303F	STL (H)	
0605304F	Acquisition & Command Support (ACS) - Telecommunications (H)	X-9-02
0605305F	Eastern Test Range (DCS) (H)	
0605306F	Ranch Hand II Epidemiology Study	X-1-005
0605402F	Aerospace (H)	
0605403F	AEDC Service Fund (Expense) (IF) (H)	
0605404F	Revenues (AEDC Service Fund) (IF) (H)	
0605502F	Small Business Innovative Research (H)	X-92-4
0605701F	Test Intrumentation (H)	
0605702F	Information Analysis Center (H)	
0605703F	Joint Task Force 2 Instrumentation Support (H)	
0605704F	Theater Air Defense BMC4I	X-95-3
0605705F	Lincoln Laboratory (H)	X-80-004
0605706F	MITRE (H)	
0605707F	ITTCS (H)	
0605708F	Navigation/Radar/Sled Track Test Support	X-3-01
0605712F	Initial Operational Test & Evaluation	X-0-05
0605801F	International Cooperative Research and Development (H)	X-80-004
0605802F	AEDC Base Costs (H)	
0605804F	Defense Documentation Center (DDC) (H)	
0605805F	Development and Test Support (H)	
0605806F	Acquisition and Command Support	
0605807F	Test and Evaluation Support	X-78-008

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DEPARTMENT OF DEFENSE
Program Element Codes and Titles

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Latest Structure Change

0605808F	Development Planning	X-9-05
0605809F	DYCOMS (H)	X-95-2
0605853F	Environmental Conservation	X-94-6
0605854F	Pollution Prevention	X-94-6
0605856F	Environmental Compliance	X-94-6
0605860F	Rocket Systems Launch Program (RSLP)	X-95-1
0605863F	RDT&E Aircraft Support	X-4-04
0605872F	Productivity Investments (H)	X-92-3
0605874F	Product Performance Agreement Center (H)	X-92-3
0605876F	Minor Construction (RPM) - RDT&E	X-91-3
0605878F	Maintenance and Repair (RPM) - RDT&E	X-91-3
0605879F	Real Property Services (RPS) - RDT&E	X-94-7
0605890F	Visual Information Activities-R&D	X-6-06
0605894F	Real Property Maintenance - RDT&E (H)	X-93-2
0605896F	Base Operations - RDT&E	X-95-1
0605898F	Management Headquarters (Research and Development) (H)	X-0-10
0605903F	Service Support to OSD (H)	X-78-003
0605904F	Service Support to ARPA	
0605906F	Service Support to DNA	
0605907F	Service Support to BMDO	X-5-01
0605908F	Service Support to TJS	X-5-01

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DEPARTMENT OF DEFENSE
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Program 6 -- Research and Development -- Defense Agencies
Latest Structure Change

060100	Research		
0601101E		Defense Research Sciences	
06011010	(D,HP,W)	In-House Laboratory Independent Research	X-92-3
0601102D		Defense Research Sciences	X-92-3
0601103D		University Research Initiatives	X-6-01
0601103E		University Research Initiatives	X-5-01
0601104D		Defense University Research Instrumentation Program	X-8-02
0601106D		Research Projects	X-91-1
0601107D		HF Active Auroral Research Program	Temp 11/30
0601109D		US-JAPAN Management Training	X-91-1
0601110D		Focused Research Initiatives	X-93-2
0601112D		Critical Technology Center	X-91-1
0601113D		Technical Assistance	X-94-3
0601160D		Counterproliferation Support	X-95-1
0601384BP		Chemical and Biological Defense Program	X-95-1
060200	Exploratory Development		
0602101E		Technical Studies (H)	X-92-4
0602102E		CLOUD GAP (H)	
0602103E		Advanced Propellant Chemistry (H)	
0602104E		Energy Conversion (H)	
0602105E		Advanced Engineering (H)	
0602107E		JOINT ARPA/DOE Third Generation Weapon Technology (H)	X-92-4

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DEPARTMENT OF DEFENSE
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Program 6 -- Research and Development -- Defense Agencies

		Latest Structure Change
0602108D	Center for Advancement of Scientists, Engineers, and Technologists	X-0-01
0602109H	Superconductive Magnetic Energy Storage	X-0-05
0602160D	Counterproliferation Support	X-95-1
0602173C	Support Technologies/Follow-on Technologies Exploratory Development	X-95-1
0602217C	Ballistic Missile Defense Exploratory Development	X-94-6
0602222D	Counterterror Technical Support	X-91-1
0602225D	Concept Evaluation	X-91-1
0602227D	Medical Free Electron Laser	X-91-1
0602228D	Historically Black Colleges and Universities (HBCU) Science and Engineering	
0602229D	Advanced Materials	Temp 12-91
0602233D	Mission Support Technology	X-92-3
0602234D	Lincoln Laboratory Research Program	X-95-1
0602301E	Computing Systems and Communications Technology	X-92-4
0602384BP	Chemical and Biological Defense Program	X-95-1
0602701E	Nuclear Monitoring Research (H)	X-92-4
0602702E	Tactical Technology	
0602703E	Advanced Sensors (H)	
0602704H	Nuclear Weapons Effects Development (H)	X-80-003
0602705H	Verification Technology for Treaties	X-8-06
0602707E	Particle Beam Technology	X-1-001
0602708E	Integrated Command and Control Technology	X-78-016
0602710H	Nuclear Weapons Effects Test (H)	X-80-003
0602712E	Materials and Electronics Technology	X-92-4

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Program 6 -- Research and Development -- Defense Agencies — Latest Structure Change

0602713H		Nuclear Weapons Survivability and Security (H)	X-80-003
0602714E		Treaty Verification	X-0-06
0602715H		Defense Nuclear Agency	X-9-01
0602716B		Mapping, Charting and Geodesy	X-3-03
0602718D		Environmental Hazards Research	X-8-02
0602756D		DoD Software Technology Initiative	X-93-2
0602787D		Medical Technology	X-92-3
0602790H		Small Business Innovative Research/Small Bus Tech Transfer Pilot Prog	X-93-2
0602790D		Small Business Innovative Research/Small Bus Tech Transfer Pilot Prog	X-93-2
0602790C		Small Business Innovative Research/Small Bus Tech Transfer Pilot Prog	X-93-2
0602790E		Small Business Innovative Research/Small Bus Tech Transfer Pilot Prog	X-93-2
06028890	(B,D,G,K,L,W)	Counterdrug RDT&E Support	X-94-2
060300	Advanced Development		
0603002D		Medical Advanced Technology	X-92-3
0603104D		Explosives Demilitarization Technology	X-95-1
0603105D		Military HIV Research	X-92-3
0603120D		Demining	X-95-4
0603122D		Counterterror Technical Support	X-95-1
0603160D		Counterproliferation Support - Adv Dev	X-95-1
0603168C		Navy Upper Tier TMD - Advanced Technology Development	X-95-1
0603169C		CORPS Surface-to-Air Missile - TMD - Advanced Technology Development	X-95-1
0603170C		Boost Phase Intercept - Advanced Technology Development	X-95-1
0603171C		National Missile Defense - Advanced Technology Development	X-95-1

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Program Element Codes and Titles
01/03/96

Program 6 -- Research and Development -- Defense Agencies

		Latest Structure Change
0603172C	Other Theater Missile Defense/Follow-on TMD Activities - Advanced Technolog	X-9
0603173C	Support Technologies/Follow-on Technologies - Advanced Technology Developm	X-95-1
0603214C	Space Based Interceptors	X-92-3
0603215C	Limited Defense System	X-93-3
0603216C	Theater Missile Defense Advanced Development	X-94-6
0603217C	Ballistic Missile Defense Advanced Development	X-94-6
0603218C	Research and Support Activities	X-92-3
0603220C	SDI-Surveillance, Acquisition, Tracking and Kill Assessment	X-4-07
0603221C	SDI-Directed Energy Weapons	X-4-07
0603222C	SDI-Kinetic Energy Weapons	X-4-07
0603223C	SDI-Systems and Battle Management	X-8-03
0603224C	SDI-Survivability, Lethality, and Key Support Technology	X-4-07
0603225D	Joint DoD-DoE Munitions Technology Development	X-4-03
0603226E	Experimental Evaluation of Major Innovative Technologies	X-4-07
0603227E	Relocatable Target Detection Technology Program	X-7-10
0603228D	Physical Security Equipment	X-8-06
0603229E	X-Ray Lithography	X-9-03
0603230D	Chemical Arms Control Treaty Verification Technologies	X-9-04
0603231D	Miniature Diagnostic Proton Accelerator	X-91-1
0603269E	National Aero Space Plane Technology Program (H)	X-92-4
0603384BP	Chemical and Biological Defense Program - Advanced Development	X-95-1
0603569E	Advanced Submarine Technology	X-9-01
0603570E	Defense Reinvestment	X-94-3

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Program 6 -- Research and Development -- Defense Agencies

		Latest Structure Change
0603570D	Defense Laboratory Partnership Program	X-95-1
0603701B	Mapping, Charting, Geodesy Investigations, and Prototype Development (H)	X-91-2
0603702D	Special Operations, Special Technology Office	X-5-01
0603703D	Counter-Insurgency and Special Technology	X-3-07
0603704D	Special Technical Support	X-0-01
0603705D	Industrial Preparedness Manufacturing Technology Program	X-94-5
0603705S	Manufacturing Technology (H)	X-94-5
0603706E	Microwave/Millimeter Wave Monolithic Integrated Circuits (MIMIC)	X-8-03
0603706D	Microwave/Millimeter Wave Monolithic Integrated Circuits (MIMIC)	X-5-09
0603707E	Prototyping of Advanced Technologies and Innovative Concepts	X-8-03
0603708D	Integrated Diagnostics	X-8-05
0603709D	Joint Robotics Program	
0603710D	Classified Program - C3I	
0603711H	Verification Technology Demonstration	X-8-06
0603712S	Generic Logistics R&D Technology Demonstrations	X-8-05
0603713H	Verification Technology Development	X-9-01
0603714D	Advanced Sensor Applications Program	X-93-2
0603715D	AIM-9 Consolidated Program	X-91-1
0603716D	Strategic Environmental Research Program	X-91-1
0603717D	Excimer Laser Technology	X-91-1
0603718D	Medical Research	
0603719D	Focus Hope	
0603720D	Environmental Special Project	

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DEPARTMENT OF DEFENSE
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Program 6 -- Research and Development -- Defense Agencies

		Latest Structure Change
0603721D	DoD Environmental Studies Development	
0603722D	Medical Development (Fleet Hospital)	X-92-3
0603724D	Biological Defense - Advanced Development	X-93-2
0603725D	Computers & Communications to Reduce Medical Costs	
0603726D	Joint Technology Insertion Program	X-95-1
0603727D	Joint Warfighting Integration Program	X-95-4
0603734J	Island Sun Support	X-5-01
0603734K	Island Sun	X-5-01
0603735K	WWMCCS Architecture	
0603736D	CALS Initiative	X-95-1
0603737D	Balanced Technology Initiative	X-8-03
0603738D	Cooperative DoD/VA Medical Research	X-8-02
0603739E	Advanced Electronics Technologies	X-95-1
0603739D	Semiconductor Manufacturing Technology	X-7-04
0603740D	Rankine Cycle Energy Recovery (RACER) System	X-8-02
0603741D	Air Defense Initiative	X-8-02
0603742D	Special Obscurants Program	X-8-05
0603743D	Theater Tactical Ballistic Missile Defense	X-91-1
0603744E	Advanced Simulation	X-93-2
0603745E	Semiconductor Manufacturing Technology	X-93-2
0603746E	Maritime Technology	X-94-3
0603747E	Electric Vehicles	X-94-3
0603748E	Natural Gas Vehicles	X-94-3

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DEPARTMENT OF DEFENSE
Program Element Codes and Titles
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Program 6 -- Research and Development -- Defense Agencies

			Latest Structure Change
0603749E		Earth Conservancy	X-94-3
0603750D		Advanced Concept Technology Demonstrations	X-94-3
0603751D		Mentor Protege	X-94-3
0603755D		High Performance Computing Modernization Program	X-93-2
0603756D		Consolidated DoD Software Initiative	X-8-02
0603756E		Consolidated DoD Software Initiative	X-8-03
0603757E		Cooperative Agreement Program	X-93-1
06037710	(D,S)	Industrial Preparedness Manufacturing Technology	X-95-1
0603790D		NATO Research and Development	X-6-01
06038000	(D,E)	Joint Advanced Strike Technology - Dem/Val	X-95-1
0603805E		Dual Use Applications Programs	X-95-4
0603807D		Medical Systems Advanced Development	X-92-3
0603832D		Joint Wargaming Simulation Management Office	X-91-1
060385		Demonstration and Validation	
0603851D		Environmental Security Technical Certification Program	X-95-1
0603860D		Counterproliferation Support - Dem/Val	X-95-1
0603861C		Theater High-Altitude Area Defense System - TMD - Dem/Val	X-95-1
0603862C		Theater Missile Defense Ground Based Radar (GBR-T) - Dem/Val	X-95-1
0603863C		HAWK Upgrades Theater Missile Defense Acquisition - Dem/Val	X-95-1
0603864C		Battle Management and C4I for TMD Acquisition - Dem/Val	X-95-1
0603865C		Patriot PAC-3 Theater Missile Defense Acquisition - Dem/Val	X-95-1
0603866C		ERINT/Patriot PAC-3 Risk Reduction - TMD - Dem/Val	X-95-1
0603867C		Navy Lower Tier TMD Acquisition - Dem/Val	X-95-1

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Program 6 -- Research and Development -- Defense Agencies

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Latest Structure Change

0603868C		Navy Upper Tier TMD - Dem/Val	X-95-1
0603869C		CORPS Surface-to-Air Missile - TMD - Dem/Val	X-95-1
0603870C		Boost Phase Intercept Theater Missile Defense Acquisition - Dem/Val	X-95-1
0603871C		National Missile Defense - Dem/Val	X-95-1
0603872C		Other Theater Missile Defense/Follow-on TMD Activities Acquisition - Dem/Va	X-95-1
0603884BP		Chemical and Biological Defense Program - Dem/Val	X-95-1
06038890	(B,D,G,K,L,W)	Counterdrug RDT&E Projects	X-94-2
0603899E		RDT&E Future Joint Service Transition Options	X-80-005
0603900E		Undistributed	
0603916C		Theater Missile Defense Acquisition DEM/VAL Programs	X-94-6
0603917C		Ballistic Missile Defense Acquisition DEM/VAL Programs	X-94-6
060400	Engineering Development		
0604160D		Counterproliferation Support - EMD	
0604216C		Theater Missile Defense (Dem/Val)	X-94-3
0604217C		Ballistic Missile Defense Technology	X-94-3
0604220C		Space Based Interceptors	X-92-3
0604225C		Theater Missile Defense Acquisition EMD Programs	X-94-6
0604226C		Limited Defense Systems	X-93-3
0604246D		Close Air Support Operational Tests	X-9-02
0604256D		Threat Simulator Development	X-93-2
0604258D		Target System Development	X-93-2
0604340D		OT&E Capability Improvement	X-7-04
0604384BP		Chemical and Biological Defense Program - EMD	X-95-1

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DEPARTMENT OF DEFENSE
Program Element Codes and Titles
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Program 6 -- Research and Development -- Defense Agencies

		Latest Structure Change
0604701B	Mapping, Charting, and Geodesy Engineering Development and Test (H)	X-91-2
0604702D	Joint Standoff Weapons Program	X-8-02
0604703D	LANDSAT (H)	X-91-2
0604704D	Rocket Motor Demilitarization Program	X-91-1
0604705D	Mobile Offshore Base Analysis	
0604706D	Aeromedical Chemical Defense Systems	X-92-3
0604708D	Innovative Environmental Security Technology Systems Program	X-94-3
0604722S	Joint Service Education and Training Systems Development	X-0-01
0604722D	Joint Service Education and Training Systems Development	X-0-01
0604724D	Biological Defense - Engineering Development	X-93-2
0604759D	Major T&E Investment	X-93-2
0604770D	Joint Surveillance/Target Attack Radar System (JSTARS)	X-6-01
0604771D	Joint Tactical Information Distribution System (JTIDS)	X-6-01
0604772D	Joint Advanced Systems	X-6-01
0604773D	Medical Development (Med/Dental Equip Dev)	X-92-3
0604807D	Medical Material/Medical Biological Equipment	X-92-3
0604861C	Theater High-Altitude Area Defense System - TMD - EMD	X-95-1
0604862C	Theater Missile Defense Ground Based Radar (GBR-T) - EMD	X-95-1
0604863C	HAWK Upgrades Theater Missile Defense Acquisition - EMD	X-95-1
0604864C	Battle Management and C4I for TMD Acquisition - EMD	X-95-1
0604865C	Patriot PAC-3 Theater Missile Defense Acquisition - EMD	X-95-1
0604866C	ERINT/Patriot PAC-3 Risk Reduction - TMD - EMD	X-95-1
0604867C	Navy Lower Tier TMD Acquisition - EMD	X-95-1

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Program 6 -- Research and Development -- Defense Agencies

			Latest Structure Change
06048890	(B,D,G,K,L,W)	Counterdrug Engineering and Manufacturing Development Projects	X-94-2
0604940D		Central Test and Evaluation Investment Development (CTEIP)	X-0-06
0604941D		Space System Test Capabilities	X-7-04
060500	Management and Support		
0605010DN		Research and Development Activities	X-92-1
0605101D		Studies and Analyses (H)	
0605102D		Net Technical Assessment (H)	
0605103D		Manpower Research (H)	
0605104D		Technical Studies, Support and Analysis	X-93-1
0605105D		General Support to OSD (H)	
0605106D		General Support for PA&E	
0605107D		General Support for Policy	X-1-003
0605108D		General Support for Net Assessment	
0605109D		General Support for FM&P	X-5-01
0605110D		Technical Support to USD(A)--Critical Technology	X-7-09
0605111D		Foreign Weapons Evaluation	
0605112E		Technical Analytical Support (H)	X-92-4
0605112D		Rand National Defense Research Institute	X-7-09
0605113D		Tapestry	X-4-08
0605114E		BLACK LIGHT	X-5-01
0605115J		CINC Contract Studies Support	X-5-05
0605116D		General Support to C3I	X-5-06
0605117D		Foreign Material Acquisition and Exploitation	X-93-4

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Program 6 -- Research and Development -- Defense Agencies

		Latest Structure Change
0605118D	Operational Test and Evaluation	X-6-01
0605119D	General Support for P&L	X-6-01
06051200 (DS,S)	Technical Information Service	X-92-1
0605121H	DNA Test Facility Base	X-95-1
0605129D	Technical Assistance	X-94-3
0605130D	Foreign Comparative Testing	X-0-01
0605131D	Live Fire Testing	X-7-04
0605132D	Joint Technical Coordinating Group for Aircraft Survivability	X-7-04
0605133D	Strategic Defense System Operational Test Organization	X-8-02
0605134D	Threat Simulator Development	X-9-02
0605135D	Environmental Center	X-91-1
0605136D	FCIMS Programs	
0605137D	Manufacturing Engineering Education	
0605138D	Managers in the Classroom	
0605152D	Studies and Analysis	X-92-3
0605160D	Counterproliferation Support	X-95-1
0605218C	Ballistic Missile Defense RDT&E Program Management and Support	X-95-1
0605280D	Classified Programs	X-5-03
0605281D	Classified Programs	X-5-03
0605306D	Ranch Hand II Epidemiology Study	X-92-3
0605384BP	Chemical and Biological Defense Program	X-95-1
06055020 (D,E)	Small Business Innovative Research	X-0-10
0605701H	Nuclear Weapons Effects Test (H)	

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DEPARTMENT OF DEFENSE
Program Element Codes and Titles

Program 6 -- Research and Development -- Defense Agencies

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Latest Structure Change

0605710D		Classified Programs - C3I	X-95-1
06057110	(D,S)	Critical Technology Analysis	X-6-01
0605790D		Small Business Innovative Research Administration	X-94-5
0605798S		Defense Support Activities	X-91-2
0605800D		Medical Command Support	X-92-3
06058010	(D,S)	Defense Technical Information Center	X-94-3
0605802S		Information Analysis Centers	X-80-005
06058030	(D,S)	R&D in Support of DoD Enlistment, Testing and Evaluation	X-0-01
0605804D		Development Test and Evaluation	
0605805D		Thirst Watcher	X-9-02
0605805E		Tri-Service National Test Range (H)	X-92-4
0605861D		Science and Technology Mgt (NAVMED Mqt Support)	X-92-3
0605862D		RDT&E Instrumentation Modernization	X-92-3
0605872E		Productivity Investments (H)	X-92-4
0605872D		Productivity Investments	X-7-09
0605898D		Management Headquarters (Research and Development)	X-92-3
0605898C		Management Headquarters (Strategic Defense Initiative)	X-4-06
0605898E		Management Headquarters (Research and Development)	

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DEPARTMENT OF DEFENSE
Program Element Codes and Titles

Program 7 -- Central Supply and Maintenance

01/03/96
Latest Structure Change

070100	Supply		
0701101DD		Inventory Drawdown	X-95-2
0701109A		Supply Depots (IF) (H)	X-92-4
0701110A		Revenues (Supply Depots) (IF) (H)	X-94-3
07011110	(A,F,N,M,S)	Supply Depot Operations (Non-IF)	
07011120	(A,F,M,N,S)	Inventory Control Point Operations	
07011130	(A,N,S)	Procurement Operations	
0701113F		Procurement Operations (H)	X-95-2
0701120A		End Item Supply Depot Support	X-0-05
0701121A		End Item Inventory Control Point Operations	X-92-3
0701122A		End Item Procurement Operations	X-92-3
070200	Maintenance and	Service Activities (IF)	
0702003A		Munitions Facilities (IF) (H)	X-92-4
0702004A		Revenues (Munitions Facilities)(IF) (H)	X-92-4
07020070	(A,F,M,N)	Depot Maintenance (IF) (H)	X-92-4
07020080	(A,F,M,N)	Revenues (Depot Maintenance) (IF) (H)	X-92-3
0702009A		Missile Facilities (IF) (H)	
0702009N		Missile Facilities (IF)	
0702010N		Revenues (Missile Facilities) (IF) (H)	X-94-3
0702010A		Revenues (Missile Facilities) (IF) (H)	
0702026N		Naval Avionics Facilities (IF)	X-78-004
0702027N		Revenues (Naval Avionics Facilities) (IF) (H)	X-94-3

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DEPARTMENT OF DEFENSE
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Program 7 -- Central Supply and Maintenance

01/03/96
Latest Structure Change

0702028N		Ship Maintenance Activities (IF)	
0702029N		Revenues (Ship Maintenance Activities) (IF) (H)	X-94-3
0702031N		Naval Ordnance Activities (IF)	
0702032N		Revenues (Naval Ordnance Activities) (IF) (H)	X-94-3
0702033F		Printing Plants (IF) (H)	
0702033N		Printing Plants (IF) (H)	X-94-3
0702034N		Revenues (Printing Plants) (IF) (H)	
0702034F		Revenues (Printing Plants) (IF) (H)	
0702035F		Laundries (IF)(H)	X-94-5
0702036F		Revenues (Laundries) (IF) (H)	X-92-3
0702037N		Public Works Centers (IF)	X-2-003
0702038N		Revenues (Public Works Centers) (IF) (H)	X-94-3
0702039S		Directorate of Manufacturing, Defense Personnel Support Center	
0702041S		Revenues (Directorate of Manufacturing, Defense Pers Spt Ctr) (IF) (H)	X-94-3
0702043N		Information Automation (IF)	X-3-03
0702044N		Revenues (Information Automation) (IF) (H)	X-94-3
0702045S		ADP Equipment Acquisition Activity	X-4-03
0702056A		Environmental Compliance-AIF (H)	X-92-4
07020930	(A,N)	Revenues (Real Prop. Maint.-Logistics)(IF) (H)	X-92-4
07020940	(A,M,N)	Real Property Maintenance - Logistics (IF) (H)	X-93-2
0702096A		Base Operations-Logistics (IF) (H)	X-92-4
07020960	(A,M,N)	Base Operations - Logistics (IF)	X-7-05
07020970	(A,N,M)	Revenues (Base Operations-Logistics)(IF) (H)	X-94-3

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DEPARTMENT OF DEFENSE
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Program 7 -- Central Supply and Maintenance

01/03/96
Latest Structure Change

0702098A		Management Headquarters (Logistics) (IF) (H)	X-1-006
0702099A		Revenues (Management Headquarters)-(Logistics) (IF) (H)	
0702198N		Management Headquarters - NARDAC Washington (IF)	X-3-03
0702199N		Revenues (Management Headquarters, NARDAC Wash.D.C.)(IF) (H)	X-94-3
070220	Maintenance and	Service Activities (Non-IF)	
07022070	(A,F,M,N)	Depot Maintenance (Non-IF)	
0702208A		Depot Modification/Modernization	X-9-04
0702228N		Ship Maintenance Activities (Non-IF)	
0702237N		Public Works Center (Non-IF)	
0702698A		Mgt Hq Svc Acquis Exec Chartered PEO	X-0-09
070280	Other		
07028050	(A,D,F,M,N,S)	Defense Standardization Program	X-95-1
07028060	(A,F)	Acquisition and Management Support	X-9-04
0702807D		Infrared Focal Plane Array	X-7-04
0702807E		Infrared Focal Plane Array	X-8-03
0702808A		Acquisition Support to Program Executive Officers	X-0-05
0702825M		Maritime Prepositioning Forces	X-92-4
0702826M		Norway Geo-Prepositioning	X-92-4
0702827N		General Purpose Forces Electronic Support	
0702828N		Surveillance Systems Electronic Support	
07028290	(A,F,N)	Logistics Administrative Support	
0702830N		Aviation Maintenance Support	X-3-03
0702831F		Replacement Vehicles/Equipment	X-9-05

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DEPARTMENT OF DEFENSE
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Program 7 -- Central Supply and Maintenance

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0702832F		Base Maintenance and Support Equipment	X-9-05
0702840DBC		Commissary Resale Stocks	X-92-1
0702841DBC		Commissary Operations	X-92-1
07028560	(A,M,N)	Environmental Compliance	X-94-6
07028760	(A,F,M,N,S)	Minor Construction (RPM) - Logistics	X-91-3
07028780	(A,F,M,N,S)	Maintenance and Repair (RPM) - Logistics	X-91-3
07028790	(A,F,M,N)	Real Property Services (RPS) - Logistics	X-94-7
0702881N		Navy Exchanges	X-91-2
0702882N		Ship's Store Afloat/Retail Clothing Store	X-91-2
07028900	(A,F,M,N)	Visual Information Activities-Logistics	X-6-06
07028910	(A,F,M,N)	Commissary Retail Sales	
0702892F		Troop Issue Subsistence Support (H)	X-95-2
07028920	(A,M,N)	Troop Issue Subsistence Support	X-79-005
07028940	(A,F,M,N,S)	Real Property Maintenance - Logistics (H)	X-93-2
07028950	(A,F,M,N)	Base Communications - Logistics	X-6-05
07028960	(A,N,F,M,S)	Base Operations - Logistics	X-95-1
07028980	(A,F,N,S)	Management Headquarters (Logistics)	X-0-03
070800	Other		
0708004F		Fasteners, Actuators, Connectors, Tools and Subsystems (FACTS) (H)	X-95-2
0708005A		Disposal of Radioactive Waste or Unwanted Radioactive Material	X-9 1-3
0708006N		Kaho'olawe Is Conveyance, Remediation, and Environmental Activities	X-94-3
07080070	(A,D)	Chemical Agents and Munitions Destruction	X-9-01
07080080	(A,D,F,H,M,N,S)	Defense Environmental Restoration Program	X-94-6

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DEPARTMENT OF DEFENSE
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Program 7 -- Central Supply and Maintenance

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0708009A		First Destination Transportation (H)	X-92-3
07080090	(N,F,M)	First Destination Transportation	X-78-016
07080100	(A,F,M,N)	Second Destination Transportation	X-4-02
07080110	(A,D,F,N,S)	Industrial Preparedness	X-92-3
07080120	(A,F,M,N,S)	Logistics Support Activities	X-6-01
0708013A		Overseas Port Units (Non-IF) (H)	X-92-4
0708014N		Naval Ship Engineering Center	
0708015N		Naval Inactive Ship Maintenance Facilities	
07080160	(F,N)	Inactive Aircraft Storage and Disposal	
0708017A		Maintenance Support Activities (H)	X-92-4
0708017N		Maintenance Support Activities	X-92-4
07080180	(A,N)	Real Estate and Construction Administration	X-0-03
0708019F		Utah Test and Training Range	X-80-005
0708020N		Information Automation	X-80-005
0708021S		Logistics Support Activities - Communications	
0708022F		Eastern Test Range	X-78-010
0708023F		Eastern Test Range Communication (H)	X-80-004
0708025S		Public Affairs (H)	
0708026F		Productivity, Reliability, Availability, Maintain. Prog Ofc (PRAMPO)	
07080270	(A,F,N,M)	Industrial Fund and Stock Fund Support (H)	X-92-4
0708028A		Other Transportation Related Activities	X-3-06
0708029F		Engineering Installation Support -- AFMC	X-92-4
0708030N		Collateral Equipment Funding	X-0-08

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Program 7 -- Central Supply and Maintenance

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0708031F		Logistics (C3I) System (H)	X-8-04
0708032F		Western Test Range (H)	X-95-2
07080330	(A,F,M,N)	Stock Fund Cash Requirements (Service-Managed)	X-2-006
0708034F		SAMTEC Communications (H)	X-92-4
07080350	(M,S)	Stock Fund Cash Requirements (DLA-Managed)	X-9-02
07080350	(A,F,N)	Stock Fund Cash Requirements (DLA-Managed) (H)	X-9-02
0708036F		Technology Concepts (H)	X-92-4
0708037S		National Defense Stockpile Transaction Fund	X-8-06
0708040A		Stock Fund Operations (SF) (H)	X-92-4
0708041A		Conventional Ammunition Management	X-0-05
0708042A		Chemical Biological Managment	X-94-3
0708044A		End Item Demilitarization Activities (H)	X-92-4
0708045A		End Item Industrial Preparedness Activities	X-0-05
0708050F		Subsistence-In-Kind	X-0-06
07080530	(A,F,M,N)	Environmental Conservation	X-94-6
07080540	(A,F,M,N)	Pollution Prevention	X-94-6
0708056F		Environmental Compliance	X-94-6
0708060A		Other Logistics Support Activities (IF)	X-0-09
0708061A		Revenues (Other Logistics Spt Activities) (IF)	X-0-09
0708065F		Stock Fund Operations	X-0-10
0708070F		Logistics Operations (NON-DBOF)	X-94-5
0708080D		Classified Programs	X-5-03
0708094F		Real Property Maintenance Activities (Eastern Test Range) (H)	X-93-2

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Program 7 -- Central Supply and Maintenance			Latest Structure Change
0708098A		Management Headquarters - Traffic Management	X-8-03
07081100	(A,F,M,N,DA,DF,DM,DN)	Service Support to DLA	
0708111A		Service Support to DLA Industrial Fund (H)	X-92-4
0708112A		Service Support to DLA Stock Fund Operations	X-91-1
07081150	(A,F,M,N,DA,DF,DM,DN)	Service Support to Defense Commissary Agency	X-91-1
07081160	(A,F,M,N)	Service Support to Defense Support Activities (H)	X-91-2
07081980	(A,F,M,N,S,BC)	Management Headquarters - Defense Business Fund Operations	X-91-1
07082000		Defense Business Operations Fund (H)	X-94-3
07082010	(DA,DF,DN,DS)	Distribution Depots	X-92-1
07082020	(DA,DF,DM,DN,DS)	Supply Management	X-92-1
0708204DN		Logistics Support Activities (DBOF)	X-93-2
0708210DN		Depot Maintenance - Shipyards	X-92-1
07082110	(DF,DN)	Depot Maintenance - Aviation	X-92-1
07082120	(DA,DN)	Depot Maintenance - Ordnance	X-92-1
07082130	(DA,DM)	Depot Maintenance - Other	X-92-1
0708215DS		Reutilization and Marketing Service	X-92-1
07082200	(DA,DS)	Industrial Plant Equipment Service	X-92-1
0708225DS		Clothing Factory	X-92-1
07082300	(A,F,N,DS,DSA)	Business Operations Corporate	X-93-2
0708398A		Management Headquarters - Chemical Biological	X-94-3
0708610A		Information Management-Automation-Program 7	X-9-04
0708611F		Support Systems Development	X-94-2
0708615A		Automated Acquisition Mgt & St: Project Mgrs-Program 7	X-9-04

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DEPARTMENT OF DEFENSE
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Program 7 -- Central Supply and Maintenance

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0708616A		Information Mgt-Central Software Design-Program 7	X-9-04
0708619A		Non-system Specific Life Cycle Software Support Centers-Program 7 (H)	X-92-4
0708621A		Acquis Spt to Prog Exec Officers (Info Mgt)-Program 7 (H)	X-92-4
0708698S		Defense Support Activities (H)	X-91-2
07087190	(A,F,M,N)	Child Development	X-93-3
07087200	(A,F,M,N)	Family Centers	X-93-3

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080100		Personnel Procurement	
08017100	(A,F,M,N)	Recruiting and Examining (H)	
08017110	(A,F,M,N)	Recruiting Activities	
08017120	(A,F,M,N)	Advertising Activities	
08017130	(A,D,F,M,N)	Examining Activities	X-92-3
08017140	(A,F,M,N)	Personnel Processing Activities	
0801715A		Recruiting and Examining Data Processing Activities	X-0-06
08017200	(A,F,M,N,HP)	Examining Activities - Health Care	X-94-4
0801798A		Management Headquarters (USAREC)	X-1-006
0801896A		Base Operations - (Military Entrance Processing Station Leases)	X-95-1
0801996A		Base Operations - (Recruiting Station Leases)	X-95-1
080400		Individual Training and Education	
08047110	(A,F,M,N)	Recruit Training Units	
08047210	(A,F,N)	Service Academies	
08047220	(A,F,M,N)	Officer Candidate/Training Schools (OCS/OTS)	
08047230	(A,F,N)	Reserve Officers Training Corps (ROTC)	
08047240	(F,M,N)	Other College Commissioning Programs	
0804725N		Department of Naval Science Maritime Training	X-3-01
08047310	(A,D,F,M,N)	General Skill Training	
08047330	(A,F,M,N)	General Intelligence Skill Training	
08047340	(A,F,M,N)	Cryptologic/SIGINT-Related Skill Training	
0804735F		Undergraduate Space Training	X-8-04

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Program 8 -- Training, Medical, and Other General Personnel Activities			Latest Structure Change
0804739L		National Security Education Trust Fund	X-93-1
0804740F		New AETC Aircraft Systems	X-94-5
08047410	(A,F)	Undergraduate Pilot Training (UPT)	X-4-08
0804741N		Undergraduate Pilot Training (UPT) (H)	X-4-08
08047420	(A,F,M,N)	Undergraduate Navigator/NFO Training (UNT)	
08047430	(A,F,N)	Other Flight Training	
0804744F		EURO-NATO Joint Jet Pilot Training	X-1-010
0804745N		Undergraduate Pilot Training (UPT) - Strike	X-4-08
0804746N		Undergraduate Pilot Training (UPT) - Maritime	X-4-08
0804747N		Undergraduate Pilot Training (UPT) - Rotary	X-4-08
0804748F		Flight Screening	X-7-01
0804749F		Instrument Flight Center	X-7-01
08047510	(A,F,M,N)	Professional Military Education	
08047520	(A,F,M,N)	Other Professional Education	
08047530	(A,F,M,N,S)	Acquisition Training	X-92-3
0804755S		Business Management Training	X-93-2
0804761A		Integrated Recruit and Skill Training Units	X-79-003
0804761F		Integrated Recruit and Skill Training Units (H)	X-6-01
08047710	(A,F,M,N)	Support of the Training Establishment	X-79-012
08047720	(A,F,M,N)	Training Developments	
0804773A		ATC/Ground Support of Aviation Flight Training	X-8-03
0804774A		ATC Management	X-8-03
0804775F		Operational Headquarters (Technical Training)	X-93-4

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Program 8 -- Training, Medical, and Other General Personnel Activities			Latest Structure Change
0804777F		Operational Headquarters (Flying Training)	X-93-4
0804779F		Air University Headquarters	X-94-5
0805020A		Maintenance of Tactical Equipment	X-93-4
0805612A		Information Management - Program 8 Training	X-92-3
0805615A		Automated Acquisition Mgt & Spt - Project Mgrs- P8 Training	X-92-3
0805616A		Information Management - Central Software Design - P8 Training	X-92-3
0805693F		Revenues (SARPMA) (IF) (H)	X-92-3
0805694F		Real Property Maintenance (SARPMA) (IF) (H)	X-92-3
08057190	(A,F,M,N)	Child Development - Service Academies	X-93-3
08057200	(A,F,M,N)	Family Centers - Service Academies	X-93-3
08057530	(A,F,M,N)	Environmental Conservation - Training	X-94-6
08057540	(A,F,M,N)	Pollution Prevention - Training	X-94-6
08057560	(A,F,M,N)	Environmental Compliance - Training	X-94-6
0805760F		Engineering Installation Support -AETC	X-94-5
08057760	(A,F,M,N)	Minor Construction (RPM) - Training	X-91-3
08057780	(A,F,M,N)	Maintenance and Repair (RPM) - Training	X-92-3
08057790	(A,F,M,N)	Real Property Services (RPS) - Training	X-94-7
08057900	(A,F,M,N)	Visual Information Activities-Training	X-6-06
08057940	(A,F,M,N)	Real Property Maintenance - Training (H)	X-93-2
0805794A		Real Property Maintenance - Training (H)	X-93-2
08057950	(A,F,M,N)	Base Communications - Training	X-92-3
08057960	(A,F,M,N)	Base Operations - Training	X-95-1
08057980	(A,F,M,N)	Management Headquarters (Training)	X-1-006

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Program 8 -- Training, Medical, and Other General Personnel Activities			Latest Structure Change
08058530	(A,F,N)	Environmental Conservation - Service Academies	X-94-6
08058540	(A,F,N)	Pollution Prevention - Service Academies	X-94-6
08058560	(A,F,N)	Environmental Compliance - Service Academies	X-94-6
08058760	(A,F,N)	Minor Construction (RPM) - Service Academies	X-91-3
08058780	(A,F,N)	Maintenance and Repair (RPM) - Service Academies	X-91-3
08058790	(A,F,N)	Real Property Services (RPS) - Service Academies	X-94-7
08058900	(A,F,M,N)	Visual Information Activities - Service Academies	X-93-3
0805894A		Real Property Maintenance - Service Academy (H)	X-93-2
08058940	(A,F,N)	Real Property Maintenance - Service Academies (H)	X-93-2
08058950	(A,F,M,N)	Base Communications - Service Academies	X-93-3
08058960	(A,F,N)	Base Operations - Service Academies	X-95-1
080600	Individual Training - Health Care		
08067210	(A,F,M,N,HP,W)	Uniformed Services University of the Health Sciences	X-94-4
0806722D		Health Care Precommissioning Professional Scholarship Programs (H)	X-94-4
08067220	(A,F,N,HP)	Health Care Precommissioning Professional Scholarship Programs	X-94-4
08067230	(A,F,N)	Other Health Acquisition Programs (H)	X-5-03
08067610	(A,F,N,HP)	Education and Training - Health Care	X-94-4
0806761D		Education and Training - Health Care (H)	X-94-4
08068610	(A,F)	Education and Training - Health Care - JMMC (H)	X-95-2
080700	Health Care Delivery		
08077000	(A,F,N,HP)	Defense Medical Centers, Station Hospitals and Medical Clinics - CONUS	X-94-4
08077050	(A,F,N,HP)	Military Public/Occupational Health	X-94-4
08077100	(A,F,N,HP)	Office of the Civilian Health and Medical Program of the Uniformed Services	X-94-4

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Program 8 -- Training, Medical, and Other General Personnel Activities — Latest Structure Change

0807711H		Care in Regional Defense Facilities (H)	X-79-002
08077110	(A,D,F,N,HP)	Care in Regional Defense Facilities	X-92-3
08077120	(A,F,N,HP)	Civilian Health and Medical Program of the Uniformed Services (CHAMPUS)	X-94-4
0807712D		Civilian Health and Medical Program of the Uniformed Services (CHAMPUS) (H)	X-94-4
08077130	(A,F,N,HP)	Care in Non-Defense Facilities	X-94-4
0807713D		Care in Non-Defense Facilities (H)	X-94-4
0807714D		Other Health Activities (H)	X-94-4
08077140	(A,F,N,HP)	Other Health Activities	X-94-4
08077150	(A,F,N,HP)	Dental Care Activities - CONUS	X-94-4
0807715D		Dental Care Activities - CONUS (H)	X-94-4
0807716HP		Medical Facilities - Planning and Design	X-94-4
0807716D		Medical Facilities - Planning and Design	X-6-01
0807717D		Medical Facilities - Military Construction	X-6-01
0807717HP		Medical Facilities - Military Construction	X-94-4
08077200	(A,F,N,HP,W)	Other Procurement, Construction/Initial Outfitting	X-95-2
08077210	(A,F,N,HP,W)	Other Procurement, Replacement/Modernization	X-94-4
08077230	(A,F,N,HP)	Health Care Support Contracts	X-94-4
08077240	(A,F,N,HP)	Military Unique Requirements - Other Medical - Health Care	X-94-4
08077250	(A,F,N,HP)	Aeromedical Evacuation System - Health Care	X-94-4
08077530	(A,F,HP,M,N)	Environmental Conservation - Health Care	X-94-6
08077540	(A,F,HP,M,N)	Pollution Prevention - Health Care	X-94-6
0807756D		Environmental Compliance - Health Care (H)	X-94-6
08077560	(A,F,N,HP)	Environmental Compliance - Health Care	X-94-6

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Program 8 -- Training, Medical, and Other General Personnel Activities

			Latest Structure Change
08077600	(A,F,N,HP)	Veterinary Services	X-94-4
08077760	(A,F,N,HP)	Minor Construction - CONUS - Health Care	X-94-4
08077780	(A,F,N,HP)	Maintenance and Repair - CONUS - Health Care	X-94-4
08077790	(A, F, N, HP)	Real Property Services (RPS) - CONUS - Health Care	X-94-7
08077850	(A,F,N,HP)	Armed Forces Institute of Pathology (AFIP)	X-94-4
08077890	(A,D,HP,F,N)	Drug Abuse Treatment Activities within OSD Counternarcotics Prog	X-92-3
08077900	(A,D,HP,F,N)	Visual Information Activities-Medical	X-92-3
0807791D		Defense Medical Programs Activity (H)	X-94-4
08077910	(A,F,N,HP)	Defense Medical Programs Activity	X-94-4
08077920	(A,D,HP,F,N)	Station Hospitals and Medical Clinics	X-92-3
08077940	(A,F,N)	Real Property Maintenance - Health Care (H)	X-93-2
0807794A		Real Property Maintenance - Health Care (H)	X-93-2
0807795D		Base Communications - CONUS - Health Care (H)	X-94-4
08077950	(A,F,N,HP)	Base Communications - CONUS - Health Care	X-94-4
0807796D		Base Operations - CONUS - Health Care (BASOPS) (H)	X-94-4
08077960	(A,F,N,HP)	Base Operations - CONUS - Health Care (BASOPS)	X-94-4
08077980	(A,N,HP)	Management Headquarters - Health Care	X-94-4
0807798D		Management Headquarters - Health Care (H)	X-94-4
0807811F		Care in Regional Defense Facilities - JMMC	X-7-08
0807813F		Care in Non-Defense Facilities - JMMC (H)	X-95-2
0807814F		Other Health Activities - JMMC (H)	X-95-2
0807815F		Dental Care Activities - JMMC (H)	X-95-2
0807876F		Minor Construction (RPM) - Health Care - JMMC	X-91-3

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Program 8 -- Training, Medical, and Other General Personnel Activities

0807878F		Maintenance and Repair (RPM) - Health Care - JMMC	X-91-3
0807890F		Visual Information Activities-Medical - JMMC (H)	X-95-2
0807892F		Station Hospitals and Medical Clinics - JMMC	X-7-08
0807894F		Real Property Maintenance - Health Care - JMMC (H)	X-93-2
0807895F		Base Communications - Health Care - JMMC (H)	X-94-1
0807896F		Base Operations - Health Care - JMMC	X-91-3
08079000	(A,F,N,HP)	Defense Medical Centers, Station Hospitals and Medical Clinics - OCONUS	X-94-4
08079150	(A,F,N,HP)	Dental Care Activities - OCONUS	X-94-4
08079760	(A,F,N,HP)	Minor Construction - OCONUS - Health Care	X-94-4
08079780	(A,F,N,HP)	Maintenance and Repair - OCONUS - Health Care	X-94-4
08079790	(A, F, N, HP)	Real Property Services - OCONUS - Health Care	X-94-7
08079950	(A,F,N,HP)	Base Communications - OCONUS - Health Care	X-94-4
08079960	(A,F,N,HP)	Base Operations - OCONUS - Health Care (BASOPS)	X-94-4
080800		Personnel Activities	
0808610A		Information Management-Automation-Program 8	X-9-04
0808612A		Information Management - Program 8 Personnel	X-92-3
0808615A		Automated Acquisition Mgt & Spt - Project Mgrs- P8 Personnel	X-92-3
0808616A		Information Management - Central Software Design - P8 Personnel	X-92-3
0808619A		Non-system Specific Life Cycle Software Support Centers-Program 8	X-9-04
0808621A		Acquis Spt to Prog Exec Officers(Info Mgt)-Prog 8	X-0-05
0808625F		Industrial Fund & Stock Fund Support	X-0-10
08087050	(A,F,M,N)	Service Support to Armed Forces Information Service	X-91-1
08087060	(A,D,F,M,N)	Transition Benefits and Services	X-91-2

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Program 8 -- Training, Medical, and Other General Personnel Activities

			Latest Structure Change
0808707A		Correctional Facilities	X-91-2
0808708A		Youth Development Program	X-0-06
0808709A		Army Personnel Management & Support Activities	X-0-06
0808710A		Community and Family Support Activities	X-0-06
0808711M		American Forces Information Service - Field Activities (H)	X-1-004
08087110	(A,D,F,N)	American Forces Information Service-Field Activities	X-1-004
0808712D		American Forces Information Service - Telecommunication	X-1-004
0808713A		Army Pictorial Center (IF) (H)	
0808714A		Revenues (Army Pictorial Center (IF) (H)	
0808715D		DoD Overseas Dependents Schools-Field Activities	X-6-01
0808715N		Overseas Dependents Education-Field Activities	X-1-004
08087150	(A,F)	Overseas Dependents Education-Field Activities (H)	X-1-004
08087160	(A,F,M,N)	Other Personnel Activities	X-0-08
08087170	(A,D,F,N)	DoD Dependents Section VI Schools	X-6-01
0808718D		Family Advocacy	X-0-01
0808718A		Youth Development Program	
08087190	(A,F,M,N)	Child Development	X-0-01
08087200	(A,D,F,M,N)	Family Centers	X-0-01
08087210	(A,F,M,N)	Personnel Holding Account	
08087220	(A,F,M,N)	Force Structure Deviation	
0808723F		Substance Abuse Control Program	X-95-3
08087310	(A,F,M,N)	Permanent Change of Station Travel	
08087320	(A,F,M,N)	Transients	

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Program 8 -- Training, Medical, and Other General Personnel Activities — Latest Structure Change

08087330	(A,F,N,M,HP)	Permanent Change of Station Travel - Health Care (H)	X-94-4
080874		Defense Family Housing	
08087400	(A,B,F,G,H,L,M,N,S)	Family Housing - Defense (H)	
08087410	(A,F,G,L,M,N)	Family Housing - New Construction	
08087420	(A,B,D,F,G,L,M,N,S)	Family Housing - Improvements	
08087430	(A,F,M,N)	Family Housing - Debt Payments	
08087440	(A,B,F,G,L,M,N)	Family Housing - Leasing	
08087450	(A,B,D,F,G,L,M,N,S)	Family Housing - Operations	
08087460	(A,B,F,G,M,N,S)	Family Housing - Maintenance	
080875		Other	
08087510	(A,F,M,N)	Civilian Training, Education, and Development	X-79-011
0808761N		Collateral Equipment Funding	X-0-08
0808776N		Minor Construction (RPM) - Other Gen Pers Act	X-91-3
0808778N		Maintenance and Repair (RPM) - Other Gen Pers Act	X-91-3
0808779N		Real Property Services (RPS) - Other General Personnel Activities	X-94-7
08087890	(A,B,D,F,G,H,HP,J,K,L	Counterdrug Demand Reduction Activities	X-94-2
0808794N		Real Property Maintenance - Other Gen Pers Act (H)	X-93-2
08087950	(A,N)	Base Communications - Other Gen Pers Activities	X-6-05
0808796N		Base Operations - Other Gen Pers Act	X-95-1
0808798D		AFIS-Management Headquarters	X-1-004
0808898D		Management Headquarters (DoD Dependent Education)	X-6-01
08097030	(A,F,M,N)	Service Support to OSD	
08097100	(A,F,M,N)	Service Support to Def Medical Support Activity (H)	X-94-1

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DEPARTMENT OF DEFENSE
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Program 8 -- Training, Medical, and Other General Personnel Activities			Latest Structure Change
08097110	(A,F,M,N)	Service Support to OSD CHAMPUS Activities (H)	X-94-1
08097120	(A,F,N)	Service Support to USUHS (H)	X-94-1
08097210	(A,F,N)	Junior ROTC	
08097220	(A,F,N)	Project HIRE (H)	
08097230	(A,D)	Homeowners' Assistance Program	
0809724D		Retired Pay	
08097310	(A,F,M,N)	Training Support to Units	
0809732D		Off-Duty and Voluntary Education Programs (H)	
08097320	(A,F,M,N)	Off-Duty and Voluntary Education Programs	
08097330	(A,F,M,N)	Veterans Educational Assistance Program (VEAP)	X-3-01
0809734A		Army Career Alumni Program(ACAP)	X-0-09
08097410	(A,M,N)	Unaccompanied Housing Construction	X-7-04
08097900	(A,M)	Visual Information Activities-Other Program 8	X-7-04
08097900	(F,N)	Visual Information Activities-Other Program 8 (H)	X-7-04

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Program 9 -- Administration and Associated Activities

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090110		Headquarters - General Support	
0901110D		Military Personnel Offset - SOF	
0901116R		DCAA Communications	
0901117D		WHS Communications	X-79-001
0901119M		WWMCCS ADP and WIS - Marine Corps	X-1-002
09012110	(B,C,D,G,H,J,K,L,S)	Construction (Planning and Design)	
09012110	(A,F,M,N)	Construction (Planning and Design)	
09012120	(A,F,M,N)	Service-Wide Support (Not Otherwise Accounted For)	X-93-4
0901213F		USAF Support to Civil Air Patrol	X-9-05
09012140	(A,F,M,N)	Public Affairs	X-5-03
09012150	(A,B,F,K,N,S)	Productivity Investments	X-1-003
0901216F		Operational Capability & Air Power Assessment (OCAPA) Program	X-0-06
0901217F		Postal Costs (H)	X-95-2
0901218F		Civilian Compensation Program	X-5-03
0901219F		Joint Health Care Management Engineering Team (JHMET)	X-8-06
09012200	(A,F,M,N,S)	Personnel Administration	X-0-08
0901221F		IMPACTS Program Support	X-0-02
0901222F		Defense Courier Service	X-92-3
0901223F		Civil Air Patrol Corporation	X-95-2
0901224F		Military Drug Dogs Counternarcotic Support	X-95-2
0901225F		Air Force Combat Operations Staff	X-92-4
0901240F		Engineering Installation -- Administrative	X-92-4

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Program 9 -- Administration and Associated Activities

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Latest Structure Change

09012560	(F,M,N)	Environmental Compliance	X-94-6
09012760	(F,M,N)	Minor Construction (RPM) - Administrative	X-91-3
09012780	(D,F,M,N)	Maintenance and Repair (RPM) - Administrative	X-91-3
09012790	(A,F,M,N)	Real Property Services (RPS) - Administrative	X-94-7
09012940	(A,F,M,N)	Real Property Maintenance - Administrative (H)	X-93-2
09012950	(A,F,M,N)	Base Communications - Administrative	X-7-07
09012960	(F,N,M)	Base Operations - Administrative	X-95-1
0901296A		Base Operations - Administrative (H)	X-80-001
0901298D		Management Headquarters (Public Affairs)(H)	X-0-10
09012980	(A,F,M,N)	Management Headquarters (Public Affairs)	X-1-006
0901396A		Base Operations - Real Estate Leases -Administrative	X-95-1
090150		Other Support Activities	
09015010	(A,F,D,N)	Rescission To Be Determined	
09015020	(A,F,N)	Service Support to the Defense Technical Security Administration	X-0-09
09015030	(A,F,M,N)	Service Support to OSD	
09015040	(A,F,M,N)	Service Support to Washington Headquarters Services	X-0-09
09015050	(A,F,M,N)	Service Support to Defense Legal Services	X-0-09
09015060	(A,F,M,N)	Service Support to the Office of Economic Adjustment	X-0-09
09015070	(A,F,M,N)	Service Support to TJS	
09015080	(A,F,M,N)	Service Support to DAVA (H)	X-8-04
09015090	(A,F,M,N)	Service Support to DIG	X-3-06
0901510D		United States Court of Military Appeals, Defense	X-0-10
0901511D		Contingencies	

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Program 9 -- Administration and Associated Activities

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Latest Structure Change

09015120	(A,D,F,N)	Claims	X-8-04
09015130	(A,F,N)	Audiovisual Activities (H)	X-79-012
09015140	(A,D)	Interdepartmental Activities (H)	
09015150	(D,F,N,L,S,W)	Other Support Activities	
0901515A		Other Support Activities (H)	
0901516R		Defense Contract Audit Agency Activities	
0901517X		Inspector General, DoD, Audit Related Activities	X-4-01
09015180	(A,F,M,N)	Service Support to Non-DoD Activities (Non-Reimbursable)	
09015190	(A,F,M,N)	Service Support to Non-DoD Activities (Reimbursable)	
09015200	(A,X)	Criminal Investigations	X-4-01
0901521D		Defense Facilities Replacement	X-5-03
09015220	(A,F,M,N,DA,DF,DM,DN)	Service Support to Defense Finance and Accounting Service	X-91-1
0901523D		Pan American Games	X-7-04
0901524D		XIII Olympic Winter Games	X-78-016
0901525D		Office of Economic Adjustment	X-79-003
0901526Y		Defense Audiovisual Agency (H)	X-79-012
09015270	(BD,DBD)	Financial Operations	X-92-1
09015280	(DA,DF,DM,DN,DS)	Printing and Publication Service	X-92-1
0901530X		Inspector General, DoD Inspection Activities	X-3-04
0901531D		White House and International Negotiations Support Group	X-5-05
0901532D		Defense Technology Security Administration	X-5-09
0901533D		Defense Information Services Activity	X-5-09
0901534D		Management Improvements	

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Program 9 -- Administration and Associated Activities

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Latest Structure Change

09015350	(D,K)	Corporate Information Management (CIM)	X-0-08
0901536D		Defense Prisoner of War and Missing in Action Activities	X-94-3
09015370	(DN,DS)	Information Services	X-92-1
0901541D		Chemical Agents and Munitions Destruction - RDT&E	X-0-01
0901542D		Chemical Agents and Munitions Destruction - Procurement	X-0-01
0901543D		Chemical Agents and Munitions Destruction - O&M	X-0-01
0901544D		Chemical Agents and Munitions Destruction - Retrograde	X-0-01
0901585D		Pentagon Reservation	X-91-1
0901598D		Washington Headquarters Services	X-1-004
0901600D		Contract Administration/Audit (H)	X-94-3
0901605DS		Contract Management (DBOF)	X-93-2
0901610DR		Contract Auditing (DBOF)	X-93-2
09018530	(A,F,M,N)	Environmental Conservation	X-94-6
09018540	(A,F,M,N)	Pollution Prevention	X-94-6
0902010F		Enhanced SORTS Capability Assessment Module (ESCAM) (H)	X-0-10
0902198D		Management Headquarters (OSD)	
0902298J		Management Headquarters (OJCS)	
09023980	(A,F,M,N)	Management Headquarters (Departmental)	X-1-006
09024900	(A,F,M,N)	Visual Information Activities-Administrative	X-6-06
09024980	(A,F,M,N,R,X)	Management Headquarters (Administrative)	X-9-05
0902598A		Management Headquarters (Criminal Investigation)	
0902698Y		Management Headquarters - DAVA	X-79-012
0902798A		Management Headquarters (Construction)	X-0-03

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DEPARTMENT OF DEFENSE
Program Element Codes and Titles

Program 9 -- Administration and Associated Activities

01/03/96
Latest Structure Change

0902898F		Management Headquarters, ADP Support (OSD)	X-1-006
0902998F		Management Headquarters, ADP Support (AF)	X-1-006
0903010D		Defense Office of Hearings and Appeals	X-94-6
0903098D		Management Headquarters (Defense Legal Services Agency)	X-6-01
09031880	(A,F,M,N)	Service Support to Defense Support Activities	X-91-2
0903198S		Defense Support Activities	X-91-2
09049010	(A,D,E,F,N)	Undistributed Adjustments	
0904902D		Undistributed Productivity Contingencies	X-80-006
0904903D		Defense-Wide Resources	
0904904D		CHAMPUS-Undistributed	
0904905D		Program Estimates	
0904906D		Unanticipated Requirements	
0904907D		Topline	
0904908D		Future Program/Budget Adjustments	X-94-3
0904909D		Other Legislation	X-95-2
0904910D		DoD-Wide Savings Proposals	X-95-2
09069010	(A,D,F,N)	Net Unfinanced	
0906902D		Unanticipated Requirements	
0908610A		Information Management-Automation-Program 9	X-9-04
0908615A		Automated Acquisition Mgt & Spt: Project Mgrs-Program 9	X-9-04
0908616A		Information Mgt-Central Software Design-Program 9	X-9-04
09087190	(A,F,M,N)	Child Development	X-93-3
09087200	(A,F,M,N)	Family Centers	X-93-3

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DEPARTMENT OF DEFENSE
Program Element Codes and Titles

Program 9 -- Administration and Associated Activities

01/03/96
Latest Structure Change

09089010	(A,D,F,N)	Special Resources Set Aside	
0909298A		Management Headquarters: Service Acquisition Executives	X-0-05
0909398A		Management Headquarters: Chartered Program Executive Officers	X-0-05
09099000	(All)	Financing for Expired Account Adjustments	X-94-5
09099980	(DD)	Interactivity Obligation Adjustment	X-92-1
09099990	(A,F,M,N,D,E)	Financing for Cancelled Account Adjustments	X-91-3

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DEPARTMENT OF DEFENSE
Program Element Codes and Titles

01/03/96
Latest Structure Change

Program 10 -- Support of Other Nations

100100		Support of Allies	
10010010	(A,F,M,N)	Vietnam (H)	
10010020	(A,F)	Laos (H)	
10010030	(A,F,M,N)	Thailand (H)	
10010040	(A,F,M,N)	International Activities	
1001005A		NATO Infrastructure (H)	X-78-016
1001005D		NATO Infrastructure	X-78-016
10010060	(A,F,M,N)	MAAGS, Missions, and Military Assistance Groups (H)	
1001007F		International Fighter Aircraft (F-5E) (H)	
1001008A		Vietnam Communications Support (H)	
1001009A		Service Support to OSD/DSAA, MAP-Reimbursable (H)	X-94-3
10010090	(F,M,N)	Service Support to OSD/DSAA, MAP-Reimbursable	X-78-008
10010100	(A,F,N)	Miscellaneous Support to other Nations	
10010110	(A,F,N)	Service Support to OSD/DSAA - Nonreimbursable	X-94-1
1001012F		NATO AEW&C Program	X-78-016
1001013F		WRM/Allies (H)	X-6-01
1001014N		Service Support to OSD/DSAA - Reimbursable	X-9-05
10010150	(A,D,F,G,N)	Technology Security Functions	X-2-007
1001016D		Humanitarian Assistance	X-93-2
10010170	(D,J)	Partnership for Peace Activities	X-95-1
1001018F		NATO Joint STARS	X-95-4
1001094F		Real Property Maintenance Activities (H)	

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DEPARTMENT OF DEFENSE
Program Element Codes and Titles

Program 10 -- Support of Other Nations

01/03/96
Latest Structure Change

10010980	(A,F,M,N)	Management Headquarters (International)	X-1-006
10011980	(A,F,G,N)	Management Headquarters - Technology Transfer Functions	X-2-007
100200		Military Assistance Program	
10020020	(A,F,N)	Foreign Military Sales Support (Reimbursable)	X-9-01
1002003F		Direct Commercial Sales (Reimb) (H)	X-94-1
1002004F		Direct Commercial Sales (Non-Reimb)	X-8-04
1002005A		Service Support to Foreign Military Financing	X-94-3
1002198D		Management Headquarters (OSD/DSAA) - Non-Reimbursable	
1002298D		Management Headquarters (OSD/DSAA)-Reimbursable	
1007439F		Electronic Warfare Integrated Reprogramming	X-0-10

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DEPARTMENT OF DEFENSE
Program Element Codes and Titles

Program 11 -- Special Operations Forces

01/03/96
Latest Structure Change

11000110	(A,BB,F,M,N)	Ongoing Operational Activities-Active	X-7-06
11000120	(BB,F)	SOF Munitions	X-9-05
11004110	(A,BB,F)	Ongoing Operational Activities-Guard	X-7-06
11006110	(A,BB,F,M,N)	Ongoing Operational Activities-Reserve	X-7-06
11012110	(A,BB,F,M,N)	Construction (Planning and Design)	
11080480	(A,F,M,N)	Service Support to Special Operations Forces	X-0-01
1108049A		Service Support to the U.S. Special Operations Command (H)	X-92-4
1108049D		Military Personnel Offset - SOF	
1108050D		Military Personnel Offset - SOF	
11100110	(A,BB,D,F,M,N)	Force Enhancements-Active (H)	X-95-2
11104110	(A,BB,F)	Force Enhancements-Guard (H)	X-95-2
11106110	(A,BB,F,M,N)	Force Enhancements-Reserve	X-7-06
11200110	(A,BB,F,M,N)	Training-Active	X-7-06
1120111BB		JCS Directed and Coordinated Exercises (Active Army)	X-0-07
1120171BB		SOF Ranger Activities	X-0-07
1120172BB		SOF Aviation Activities (Active Forces)	X-0-07
1120173BB		SOF Special Forces Activities (Active Army)	X-0-07
1120174BB		Psychological Operations Activities (Active Army)	X-0-07
1120175BB		Civil Affairs Units (Active Army)	X-0-07
1120177BB		Theater Army Special Operations Support Command (TASOSC) (Active Army)	X-0-07
1120179BB		SOF Other Special Operations Support Activities (Active Army)	X-0-07
1120185BB		SOF Aircrew Training, Army	X-93-1

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DEPARTMENT OF DEFENSE
Program Element Codes and Titles

Program 11 -- Special Operations Forces

01/03/96
Latest Structure Change

1120211BB	JCS Directed and Coordinated Exercises (Active Navy)	X-0-07
1120222BB	Naval Special Warfare Groups	X-0-07
1120224BB	Naval Special Warfare Development Group	X-0-07
1120311BB	JCS Directed and Coordinated Exercises (Navy Reserve)	X-0-07
1120312BB	Deployment Exercises (Navy Reserve)	X-0-07
1120322BB	Naval Special Warfare Groups	X-0-07
1120411BB	JCS Directed and Coordinated Exercises (HQ USSOCOM)	X-0-07
11204110 (A,BB,F)	Training-Guard	X-7-06
1120412BB	Deployment Exercises (HQ USSOCOM)	X-0-07
1120413BB	Special Operation Command (SOC)	X-92-4
1120415BB	Combat Development Activities	X-0-07
1120416BB	Joint Combined Exchange Training	X-93-4
1120438BB	SOF Counterdrug Activities	X-94-2
1120489BB	SOF Counterdrug OPTEMPO	X-94-2
1120493BB	SOF MILCON Planning and Design	X-0-07
1120497BB	Force Related Training	X-0-07
1120511BB	JCS Directed and Coordinated Exercises (Active Air Force)	X-0-07
1120541BB	Special Tactics Operations (Active Air Force)	X-0-07
1120547BB	SOF Operations (SOW/SOS) (Active Air Force)	X-0-07
1120585BB	SOF Aircrew Training, Air Force	X-93-1
1120611BB	JCS Directed and Coordinated Exercises (Air National Guard)	X-0-07
11206110 (A,BB,F,M,N)	Training-Reserve	X-7-06
1120612BB	Deployment Exercises (Air National Guard)	X-0-07

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DEPARTMENT OF DEFENSE
Program Element Codes and Titles

Program 11 -- Special Operations Forces

			01/03/96 Latest Structure Change
1120647BB		SOF Operations (SOW/SOS) (Air National Guard)	X-0-07
1120711BB		JCS Directed and Coordinated Exercises (Air Force Reserve)	X-0-07
1120712BB		Deployment Exercises (Air Force Reserve)	X-0-07
1120741BB		Special Tactics Operations (Air Force Reserve)	X-0-07
1120747BB		SOF Operations (Air Force Reserve) (SOW/SOS)	X-0-07
1120811BB		JCS Directed and Coordinated Exercises (Army National Guard)	X-0-07
1120812BB		Deployment Exercises (Army National Guard)	X-0-07
1120872BB		SOF Aviation Activities (Army and Air National Guard)	X-0-07
1120873BB		SOF Special Forces Activities (Army National Guard)	X-0-07
1120911BB		JCS Directed and Coordinated Exercises (Army Reserve)	X-0-07
1120912BB		Deployment Exercises (Army Reserve)	X-0-07
1120973BB		SOF Special Forces Activities (Army Reserve)	X-0-07
1120974BB		Psychological Operations Activities (Army Reserve)	X-0-07
1120975BB		Civil Affairs Units (Army Reserve)	X-0-07
1120977BB		Theater Army Special Operations Support Command (TASOSC) (Army Reserve)	X-0-07
1120979BB		SOF Other Special Operations Support Activities (Army Reserve)	X-0-07
11300110	(A,BB,D,F,M,N)	General Support-Active (H)	X-95-2
11304110	(A,BB,F)	General Support-Guard	X-7-06
1130431BB		SOF Intelligence Activities	X-0-07
1130432BB		SOF C2 Activities	X-0-07
1130433BB		Extension of Intelligence Data (SOCRATES)	X-0-07
1130439BB		Intell Telecom and Defense Special Security System	X-0-07
1130451BB		WWMCCS - ADP	X-0-07

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DEPARTMENT OF DEFENSE
Program Element Codes and Titles

Program 11 -- Special Operations Forces

01/03/96
Latest Structure Change

1130452BB		WWMCCS Information Systems (WIS)	X-0-07
1130453BB		SOF Communications	X-0-07
1130454BB		WWMCCS/Global Command and Control System	X-94-2
1130535BB		Special Operations Contingency Communications Element (SOCCE)	X-0-07
11306110	(A,BB,F,M,N)	General Support-Reserve	X-7-06
11400110	(A,BB,D,F,M,N)	Advanced Special Operations Research, Development and Acquisition (H)	X-95-2
1150198BB		SOF Management Headquarters (USASOC)	X-0-07
1150298BB		SOF Management Headquarters (NAVSPECWARCOM)	X-0-07
1150498BB		SOF Management Headquarters (USSOCOM)	X-0-07
1150598BB		SOF Management Headquarters (AFSOC)	X-0-07
1160279BB		Small Business Innovative Research/Small Bus Tech Transfer Pilot Prog	X-93-2
1160401BB		Special Operations Technology Development	X-0-07
1160402BB		Special Operations Advanced Technology Development	X-0-07
1160404BB		Special Operations Tactical Systems Development	X-0-07
1160405BB		Special Operations Intelligence Systems Development	X-0-07
1160407BB		SOF Medical Technology Development	X-0-07
1160408BB		SOF Operational Enhancements	X-0-07
1160409BB		Other Force Programs	X-0-07
1170018BB		GOCO Contract Maintenance	X-93-1
1170019BB		GOCO COR Staff Operations	X-93-1
1170417BB		Maintenance Support Activities (Depot Level)	X-0-07
1170418BB		Depot Maintenance Activities	X-0-07
1170428BB		Ship Maintenance Activities (Depot Level)	X-0-07

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DEPARTMENT OF DEFENSE
Program Element Codes and Titles

Program 11 -- Special Operations Forces

01/03/96
Latest Structure Change

11800980	(A,BB,F,J,M,N)	Management Headquarters (SOCOM)	X-7-06
1180181BB		USAJFK Special Warfare Center and Other SOF Army Training Activities	X-93-1
1180184BB		SOF Language Training	X-0-07
1180282BB		Naval Special Warfare Training Center	X-0-07
1180485BB		SOF Air Crew Training	X-0-07
1180486BB		SOF Training Development/Training Devices	X-0-07
1180583BB		USAF Special Operations School	X-0-07
1190114BB		SOF Public Affairs (Limitation) (Army)	X-0-07
1190191BB		Commander's Official Representation Funds (Army)	X-0-07
1190199BB		Other Headquarters Activities (Army)	X-0-07
1190214BB		SOF Public Affairs (Limitation) (Navy)	X-0-07
1190291BB		Commander's Official Representation Funds (Navy)	X-0-07
1190299BB		Other Headquarters Activities (Navy)	X-0-07
1190414BB		SOF Public Affairs (Limitation) (HQ USSOCOM)	X-0-07
1190461BB		Financial Operations	X-92-4
1190476BB		Minor Construction (RPM)	X-91-3
1190478BB		Maintenance and Repair (RPM)	X-91-3
1190491BB		Commander's Official Representation Funds (HQ USSOCOM)	X-0-07
1190492BB		Contingencies (Limitation)	X-0-07
1190494BB		Base Operations Support: Engineering Services	X-0-07
1190496BB		Base Operations Support	x-91-3
1190499BB		Other Headquarters Activities	X-0-07
1190514BB		SOF Public Affairs (Limitation) (Air Force)	X-0-07

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DEPARTMENT OF DEFENSE
Program Element Codes and Titles

01/03/96
Latest Structure Change

Program 11 -- Special Operations Forces

1190591BB	Commander's Official Representation Funds (Air Force)	X-0-07
1190599BB	Other Headquarters Activities (Air Force)	X-0-07

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0101111F B-47 Squadrons (H);;

0101112F EB-47 Squadrons (H);;

0101113F B-52 Squadrons;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Wing Headquarters,Bombardment Squadrons, Avionics Maintenance, Field Maintenance, Organizational Maintenance, Munitions Maintenance, Airborne Missile Maintenance (ADM-20 Support only). Also includes a squadron performing the dual mission as a Bombardment Squadron and conducting Advanced Flying Training and Weapons System Security.

Excludes nuclear warhead costs which are borne by the Atomic Energy Commission; missile squadrons; HOUND DOG (AGM-28) support; and SRAM (AGM-69) support (see appropriate elements in this program).

0101114F B-58 Squadrons (H);;

0101115F FB-111 Squadron (H);X-95-2;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Wing Headquarters, Bombardment Squadrons, Avionics Maintenance, Organizational Maintenance, Advanced Flying Training conducted in FB-111 Squadrons, Weapons System Security, Field Maintenance.

Excludes nuclear warhead costs which are borne by the Atomic Energy Commission, and airborne missile support.

0101116F SKYBOLT (H);;

0101117F HOUND DOG (AGM-28) (H);;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Wing Headquarters, Airborne Missile Maintenance Munitions Maintenance Field Maintenance Avionics Maintenance Weapons System Security

Excludes missile training (see Training (Offensive) element in this program); and support of QUAIL (see B-52

element in this program).

0101118F Short Range Attack Missile (AGM-69);;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Wing Headquarters Airborne Missile Maintenance Munitions Maintenance Field Maintenance Avionics Maintenance, Weapons System Security.

Excludes nuclear warhead costs which are borne by the Atomic Energy Commission; and advanced missile training (see Training (Offensive) element in this program).

0101120F Advanced Cruise Missile;X-5-03;
This is a special access program. Access will be granted on a strict need-to-know basis only.

Excludes military and civilian manpower and their related costs.

0101121F B-1 Squadrons (H);;

0101122F Air-Launched Cruise Missile (ALCM);X-78-002;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

The Air-Launched Cruise Missile (ALCM) is a small unmanned winged air vehicle capable of sustained subsonic flight following launch from an airborne carrier aircraft. The air vehicle is propelled by a turbofan engine, incorporates a nuclear warhead, is internally guided by an inertial system updated by terrain correlation (TERCOM), and can be programmed to strike a wide variety of preselected ground targets as a result of its accuracy and yield characteristics

Wing Headquarters Airborne Missile Maintenance Munitions Maintenance Field Maintenance Avionics Maintenance Weapons System Security

Excludes nuclear warhead costs which are borne by the Energy Research Development Administration (ERDA); and research and development (PE 0604361F).

0101123F Advanced Strategic Air Launched Cruise Missile (H);X-79-010;
Includes manpower authorizations, peculiar and support equipment necessary facilities and the associated costs specifically identified and measurable to the following:

Wing Headquarters, Airborne Missile Maintenance, Munitions Maintenance, Field Maintenance, Avionics Maintenance, Weapons System Security.

Excludes nuclear warhead costs which are borne by the Department of Energy (DOE); and research and development (PE 0603318F, 0603314F - FY 79 and prior).

0101124F Harpoons;X-8-04;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

An anti-ship weapon fired from U.S. aircraft.

0101126F B-1B Squadrons;X-2-005;
Procurement and post FSED RDT&E funds for a new strategic multi-role bomber. Funds provide for procurement of long lead items, flyaway components, support equipment, initial spares, manpower authorizations, and other associated support costs and any RDT&E required after FSED is completed.

0101127F B-2 Squadrons;X-8-04;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Provides for the development, procurement, and support of the Advanced Technology Bombers (B-2). This multi-role bomber will maximize range, payload, and the ability to exploit breakthroughs in low observable technologies which will allow penetration of current and postulated Soviet defenses. The B-2 will have the ability to perform the missions of conventional bomber and nuclear weapons delivery in both the tactical and strategic roles. Also includes initial spares, support equipment, and base facilities.

0101128F B-52 Conventional Squadrons;X-9-02;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

The operation and maintenance, military construction, procurement and modification of B-52s dedicated to conventional operations.

0101131F RB-47 Squadrons (H);;

0101133F SR-71 Squadrons (H);;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Wing Headquarters, Strategic Reconnaissance Squadrons, Armament and Electronic Maintenance, Field Maintenance, Organizational Maintenance, Reconnaissance Technical Squadron, Weapon System Security.

Excludes aircraft (X and YSR-71) engaged in research and development (see Program 6).

0101135F Aircraft Survivability Enhancements (H);X-92-4;;
Provides funding for the survivability and endurance of airborne intelligence systems in consonance with the DOD-approved reconnaissance review. Allocation of funds to specific platforms and systems will be made upon completion of on-going survivability studies. This is a contractor effort looking at the entire, end to end, aircraft survivability issue.

Excludes civilian and military manpower and their related costs.

0101141F KC-97 Squadrons (H);;

0101142F KC-135 Squadrons;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Wing Headquarters, Air Refueling Squadrons, Avionics Maintenance, Field Maintenance, Organizational Maintenance, Advanced Flying Training conducted in KC-135 Squadrons, Weapons System Security.

Excludes PACCS (see appropriate element in this program); NEACP (see Program 3); Airborne Command Posts (CINCs) (see Program 2); and air base units supporting TDY tanker operations (see Base Operations elements in this program).

0101211F ATLAS Squadrons (H);;

0101212F TITAN Squadrons (H);X-92-3;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Wing Headquarters, Missile Squadrons, Missile Maintenance, Munition Maintenance, Missile Site Support Aircraft, Weapons System Security.

Excludes space boosters (see Program 3); advanced missile training (see Training element in this program); nuclear warhead component costs which are borne by the Atomic Energy Commission; missile site support (see Combat Support Group in Base Operations in this program); and dedicated intrasite communications (PE 0101322F).

0101213F Minuteman Squadrons;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Wing Headquarters, Missile Squadrons, Missile Maintenance, Munitions Maintenance, Missile Site Support Aircraft, Weapons System Security.

Excludes space boosters (see Program 3);advanced missile training (see Training element in this program);PACCS and ERCS (see appropriate elements in this program); nuclear warhead component costs which are borne by the Atomic Energy Commission; missile site support (see Combat Support Group in Base Operations element in this program); and dedicated intrasite communications (PE 0101323F).

0101214F MINUTEMAN Integrated Command and Control System (H);;

0101215F Peacekeeper Squadrons;X-4-02;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the Peacekeeper weapon system (Minuteman silos basing mode).

Includes Wing Headquarters, Missile Squadrons, Missile Maintenance, Munitions Maintenance, Missile Site Support Aircraft, Weapons System Security, and weapons system acquisition costs.

Excludes advanced missile training; nuclear warhead componenet costs which are borne by Atomic Energy Commission and missile site support.

0101216F Strategic Update (H);X-92-3;
This is a special access program. Access will be granted on a strict need-to-know basis only.

0101217F Special Support Projects (H);X-8-04;
This is a special access program. Details will be provided on a need-to-know basis to appropriately cleared personnel.

Excludes military and civilian manpower and their related costs.

0101218F Short Range Attack Missile II (SRAM II) (H);X-95-2;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Advanced Air-to-Surface Missiles.

0101219F Small ICBM Squadrons (H);X-92-4;;
Includes manpower authorizations, peculiar support equipment, necessary facilities and the associated operating costs specifically identified with the Small ICBM weapon system.

Includes Wing Headquarters, Missile Squadrons, Missile Maintenance, Munitions Maintenance, Missile Site Support Aircraft, Weapons System Security, and weapons system acquisition costs.

Excludes advanced missile training; nuclear warhead component costs which are borne by Atomic Energy Commission; and missile site support.

01012200 (F,M,N) Peacekeeper Financing (H);X-7-04;
Includes funds from various Army, Navy, Marine Corps, and Air Force procurement appropriations to be used to finance the procurement of 21 Peacekeeper missiles, in accordance with USC 98 Stat 1917, as provided in Title III of Public Law 98-473 (DoD Appropriation Act for Fiscal Year 1985).

Excludes military and civilian manpower and related costs.

0101221N Strategic Sub & Weapons System Support;X-93-3;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Fleet Ballistic Missile Submarines (SSBN) Pacific Fleet Polaris Material Office, Charleston, S.C. Strategic Systems Project Office, Washington, D.C. Charleston Liaison Office, U.K. Navy Astronautical Group, Point Mugu, California NavPro, Sunnydale, California NavPro, Pittsfield, Massachusetts and the Trident System.

Excludes cost of AEC components of re-entry systems.

0101222N Support Ships (FBMS);;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

FBM System Tenders (AS) FBM System Floating Dry Docks (AFDM) (ARDM) (AFDB) (AFBM) FBM System Cargo Ships (AK) (T-AK) EAG 153, EAG 154, and FBM System Dedicated Instrumentation Ships

Excludes general command, management and administrative costs included under PE 0101221N, Fleet Ballistic Missile System.

0101223N REGULUS Missile System (H);;

0101224N SSBN Security Technology Program;X-93-4;;
Includes RDT&E funds to provide an authoritative technical assessment of potential foreign capability to threaten the deterrent effectiveness of the U.S. SSBN Force, and to develop technology that may be required to ensure the continued covert mobility of the force. Includes system analysis, technical research and development, laboratory and at-sea testing to quantify the potential detectability of the acoustic and non- acoustic characteristics of U.S. SSBNs. Develops appropriate countermeasures technology, develops tactical employment of SSBN and

countermeasures, and identifies intelligence indicators needed to assess when such countermeasures should be employed.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0101225N Navy Navigation Satellite System Improvement (H);;

0101226N Submarine Acoustic Warfare Development;X-0-08;
Includes RDT&E funds for the development of low cost improvements to Submarine Defensive Warfare System to improve the effectiveness and survivability of all classes of strategic US submarines. It develops advanced sonar and torpedo countermeasures, external countermeasure launchers, a countermeasure command and control unit and a new sonar intercept system. Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0101228N Trident I;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: Trident System.

Excludes cost of AEC components of reentry systems.

0101229N Strategic Cruise Missile;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: Strategic Cruise Missile.

0101235F ICBM Helicopter Support;X-92-3;;
Funds operational costs for ICBM helicopter support required by nuclear weapon system safety rules for convoy movements. Provides essential equipment, crew manpower, and flying hours for commanders to run day-to-day maintenance and operation of these MAC operated helicopters in support of SAC's ICBM fleet.

0101310F Strategic Automated Command and Control System (SACCS) - ADP;X-94-5;;
This program contains resources, including manpower to provide the US Strategic Command (USSTRATCOM) a reliable accurate and high speed system for exercising force control over tankers, bombers, and missiles during exercises, day-today, crises, and pre/trans/post attack operations. Additionally, it provides a critical link for reporting force status to the Joint Staff and the National Command Authority. The system consists of three subsystems: the data processing subsystem, the data transmission subsystem, and the data display subsystem. Only the data processing subsystem is included in the program element. Resources for the data transmission and data display are under 0101316F, USSTRATCOM Command and Control.

0101312F PACCS and WWABNCP System EC-135 Class V Mods;X-3-04;

Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

SAC EC-135 Airborne Command Posts and Auxiliary Airborne Command Posts; SAC EC-135 Airborne Launch Control Centers; SAC EC-135 Airborne Communications Relays; SAC EC-135 Airborne Data Automation capabilities; SAC EC-135 Operational and Maintenance activities; Aircraft System Security.

Includes modifications, initial spares, research and development associated with Class V modifications to Worldwide Airborne Command Post System EC-135 aircraft.

Excludes all AFCC manpower and resources and ground entry points supporting the PACCS that are identified and reported in PE 0101317F. Also excludes depot level manpower reources financed in Program 7.

0101313F Strat War Planning System - USSTRATCOM;X-93-1;;
Includes all resources (R&D, investment, and operations) directly associated with ADP support of War Planning and Strategic C3 requirements levied by the Strategic Air Command, Joint Strategic Target Planning Staff, and the Joint Strategic Connectivity Staff. Includes those resources devoted to planning, designing, developing, procuring, leasing, programming, and operating ADP facilities that are a part of or are in direct support of the war planning and strategic C3 efforts. Where an ADP center is providing both war planning and non-war planning support, and resources are not readily distinguishable between them (such as intelligence support), the war planning portion will be determined on the basis of relative workload.

Excludes WWMCCS ADP -SAC (see PE 0101310F); WWMCCS architecture (see PE 0603735F); intelligence data handling system resources (see PE 0301328F); and resources included in program elements which are a part of the Consolidated Telecommunications Program.

0101315N FBM Control System - Communications;X-93-4;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to an integrated program to provide survivable, reliable, and anti-jam command and control communications to and from FBM submarines in the pre-, trans-, and post-attack period. This program includes the procurement and operational costs of the following programs/projects: TACAMO, CIRCUIT MAYFLOWER, CLARINET MERLIN, ENHANCED VERDIN, VERDIN, CLARINET, PILGRIM, fixed VLF stations, message coding and compression, integrated submarine communications antennae system, continuing evaluation program (CEP), coverage prediction and project management.

Excludes RDT&E funding for the programs and project included in PEs 0101401N, ELF; 0101402N, GRYPHON; and 0101403N, HYDRUS, and leased communications costs.

01013160 (A,F,N) USSTRATCOM Command and Control;X-95-1;;
Includes the DCS and non-DCS resources in support of SAC Automated Command Control System (SACCS) and other resources which are required to provide CINCSAC and staff with high speed command control and continuous communications and data on a worldwide basis for positive and rapid control of the SAC forces. This program element is composed of the subelements listed below:

SAC Automated Command Control System (except for the Data Processing Subsystem) SAC Primary Alert System (PAS) SAC

HF/SSB Radio System SAC AUTODIN Tributary Stations (less leased costs) SAC Telephone Network (STN), (incl. GREEN PINE) SAC Automated Total Information Network (SATIN IV) Emergency Rocket Communications System (ERCS) Support of Minimum Essential Emergency Communications Network (MEECN) - AF SAC Improvements

Also included in the element are those dedicated DCS long-haul, leased, external communications circuits integral to SACCS. This program element provides for research and development, procurement, construction, and operations resources.

Excludes resources for AUTOVON and AUTODIN switched network support (PE 0303112F and PE 0303126F); and access circuits from PACCS (PE 0101317F).

0101317F Post Attack Command and Control System (PACCS) Communications;;
Includes all costs associated with the four PACCS ground communications entry points and the costs for DCS leased circuits connecting these entry points with other SAC command control system.

Excludes resources relating to airborne communications equipment (included in PE 0101312F); and resources for DCS switched network support of PACCS (included in PEs 0303112F and 0303126F).

0101321F Special Purpose Communications;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Air Force Low Frequency System (487L) Transmitters Receivers at Northern Area UHF Sites, Minuteman and Titan Missile Sites, Wing Command Posts, and COC Communications Squadrons

Excludes resources identified to the airborne command posts (see PACCS elements in this program and Programs 2 and 3).

0101321N Special Purpose Communications (H);;

0101322F Titan Communications (H);X-92-4;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to non-DCS procurement, construction, and operations resources required to support the ICBM TITAN Squadrons (PE 0101212F), and the communications resources required to support the administrative, logistic, and launch/status functions. Additionally, this program element includes the intersite and intrasite communications resources required to support the command control function.

Excludes communications resources integral to the weapons system which are designed for and delivered with and as a part of the missile complex, and whose costs are normally included in the cost of the weapons system.

0101323F MINUTEMAN Communications;;

Includes the non-DCS procurement, construction, and operations resources required to support the ICBM Minuteman Squadrons (PE 0101213F)and the communications resources required to support the administrative, logistic, and launch/status functions. Additionally, this program element includes the intersite and intrasite communications resources required to support the command control function.

Excludes communications resources integral to the weapons system which are designed for and delivered with and as a part of the missile complex, and whose costs are normally included in the cost of the weapons system.

0101401N Extremely Low Frequency (ELF) Communications;X-79-007;
Includes research, development, procurement, and construction for an extremely low frequency (ELF) communications system which is intended to provide assured command and control of strategic forces, particularly ballistic missile submarines. Includes the following RDT&E projects:

ELF (Submarine Communications System)

Excludes manpower.

0101402N Navy Strategic Communications;X-93-4;;
Includes an integrated development program to provide secure, continuous, shore-to-ship command and control communications for the FBMs and other SIOP forces in the face of nuclear or electronic jamming attack. This program includes the following projects: TACAMO (Airborne VLF relay, EC-130 and ECX), ENHANCED VERDIN, Integrated Submarine Communications System (ISCS), Polaris/Poseidon Communications improvement program, mod. coding and compression, VLF coverage prediction, and FBM communications supporting research. It includes shore-to-ship and ship-to-shore strategic communications systems.

Excludes all non-RDT&E appropriations associated with this program. Non-RDT&E appropriations are included in PE 0101315N, FBM Control System-Communications.

0101403N HYDRUS;X-93-4;;
Includes an integrated development program to provide for improved communications systems which enable SSBN commanders to communicate with authorities on shore on a secure and reliable basis without compromising location or unduly constraining operations.

Excludes non-RDT&E appropriations associated with this program included in PE 0101315N, FBM Control System-Communications; leased communications costs; and civilian and military manpower and their related costs which are included in appropriate management and support elements in Program 6.

0101500F START Compliance;X-0-06;
Provides funds for HQ USAF, SAC, AFSC, AFLC, ATC, MAC and TAC to comply with Strategic Arms Reduction Treaty (START). Compliance funds support base level actions necessary to conduct Soviet inspections at US installations. Also funds the destruction of weapon systems that must be reduced to meet treaty limits. Other weapon systems that are impacted will be modified or stored as necessary. PE provides for civilian and military manpower to support additional requirements of the treaty. Includes MILCON necessary to implement START Compliance. Funds

the development and maintenance of the start tracking and reporting system.

0101812F Satellite Basing (H);;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the relocation of any alert aircraft to another flying field on a continuous basis for purposes of achieving maximum survivability.

Excludes those costs normally associated with an active unit pulling its full alert at its home base.

0101814F Companion Trainer Aircraft (H);X-5-03;
Includes all resources (investment, operations and support) directly associated with acquisition of the Companion Trainer Aircraft (CTA).Development activities are contained within PE 0604758F. The CTA is a SAC initiative to investigate the use of an off-the-shelf,low cost modified Business Jet to provide aircrews with real in flight training in basic airmanship, navigation, crew coordination, and primary mission task.

0101815F Advanced Strategic Programs;X-9-05;
This is a special access program. Access will be granted on a strict need-to-know basic only.

No manpower included.

0101816F Project Gentry (H);X-92-4;;
This is a special access program. Access will be granted on a strict need-to-know basis only. No manpower is included.

0101817F Engineering Installation -- STRATCOM;X-92-4;;
Includes funds to support HQ/STRATCOM and base-level for engineering installation support for installation, removal and relocations of communication computers systems, networks and equipment. Includes costs for travel, transportation, per diem, rents, supplies, contract services, major and minor equipment in support of upward generated Communications-Computer Systems Requirements Documents (CSRD) and downward directed programs (i.e. PMD).

Excludes manpower, military pay, and AFCC E&I requirements identified in PE 0305123F.

0101820F Mission Evaluation Activities (Offensive);;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to combat evaluation groups and strategic missile evaluation squadrons.

01018300 (F,N) Operational Headquarters (Offensive);;

Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Navy: Headquarters Staffs and SLBM Groups and Squadrons Air Force: Headquarters Strategic Aerospace Air Division Headquarters Air Divisions

Excludes management headquarters resources (refer DoDD 5100.73).

01018530 (F,M,N) Environmental Conservation;X-94-6;;

Conservation includes any action specifically required to protect or enhance natural and cultural resources, preserve access to improved and unimproved training areas, and make necessary repairs to minimize erosion and otherwise rehabilitate DoD lands and waters. This includes complying with federal, state and local codes such as the National Historic Preservation Act, Archaeological Resources Protection Act, Native American Graves Protection and Repatriation Act, Endangered Species Act, Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), and the Sikes Act.

Funds all costs associated with direct support of conservation activities, including:

A. Studies and surveys to identify, inventory, and manage existing natural and cultural resources and evaluation of the resources so identified and inventoried;
B. Management costs, including workyears devoted to natural and cultural activities and preparing natural and cultural resource management plans;
C. Permits for use of natural and cultural resources;
D. Certification of innovative technology for DoD applications;
E. Design, construction, maintenance or repair costs specifically required to restore, improve or maintain natural or cultural resources;
F. Supplies and equipment required to carry out applicable natural and cultural resources management activities;
G. Appropriated funds attributable to fish, wildlife, agricultural outleasing and timber management activities.

Excludes:

A. Base Closure costs associated with these programs;
B. Normal maintenance required for appearance, including landscaping;
C. NEPA costs associated with facilities or weapons systems which are included in facility or weapon system costs;
D. Activities funded in the Defense Business Operations Fund (DBOF), which are charged to the appropriate DBOF program elements.

01018540 (F,M,N) Pollution Prevention;X-94-6;;

Pollution prevention is any action that is designed to reduce or eliminate (rather than control or treat) the future impact that an operation may have on the environment (including impacts to the air, surface and ground waters, vegetation and soils) through the source reduction of pollutants, more efficient use of natural resources, recycling, and/or reduced emissions of toxic and other undesirable materials or wastes to the environment.

Funds all costs associated with pollution prevention, including:

A. Certification of innovative technology for DoD applications;
B. Any laws, Executive Orders, or DoD policies that apply specifically to pollution prevention efforts;
C. Initial acquisition of environmentally acceptable replacements for hazardous materials required to comply with pollution prevention standards; (excludes normal replacement of hazardous material with less hazardous materials);
D. Installation level pollution prevention plans, assessments, equipment, and projects;
E. Review and modification of standardized documents for the sole purpose of eliminating or reducing the use of toxic chemicals and/or hazardous materials;
F. Cost of personnel and office operations directly involved with pollution prevention programs (including recycling programs);
G. Any facilities construction costs or maintenance costs primarily required to meet pollution prevention goals;

Excluding:

A. Research and development efforts associated with pollution prevention, which are covered under specific R&D program elements;
B. Normal infrastructure maintenance and repair to keep a system in good working order or system replacement as part of normal replacement cycles;
C. Activities funded in the Defense Business Operations Fund (DBOF), which are charged to the appropriate DBOF program elements;
D. Activities funded as part of a larger system acquisition program, which should be separately identified through cost accounting codes under the main system acquisition program element. For example, pollution prevention efforts included in the design of a new weapon system would be under the PE of the weapon system;
E. Base closure costs associated with these programs;
F. Activities funded within Family Housing program elements.

01018560 (F,M,N) Environmental Compliance;X-94-6;;
Environmental Compliance includes actions to achieve and maintain full and sustained compliance with federal, state, and local environmental laws and regulations, Executive Orders, host nation regulations and DoD policies. Applies to workyears, training, travel, supplies, permits, fees, support equipment, service, and facilities (if the primary purpose is to comply with environmental standards) and the associated costs specifically identified and measurable to environmental compliance.

Funds all costs related to environmental compliance, including:

A. Recurring costs of environmental program management, daily operations and services, permits, fees, certifications, studies, and licenses; civilian workyears; education and training of environmental programs; hazardous waste management and disposal; sampling, analysis, monitoring and surveys; supplies, equipment, and travel.
B. Nonrecurring costs of projects/services required to bring DoD into compliance with environmental standards or comply with a notice of violation (Class I); to prevent DoD from failing to meet impending environmental standards (Class II); or to enhance the environment beyond legal requirements (Class III);
C. Pest management programs to meet FIFRA standards for pest management and pesticide storage, handling or use standards;
D. Overseas cleanup, as well as overseas compliance, efforts; and
E. Certification of innovative technology for DoD applications.

Excluding:

A. Efforts funded under Defense Environmental Restoration Account, Conservation, Pollution Prevention, BRAC or Occupational Health and Safety auspices;
B. Research and Development efforts associated with compliance, which are covered under specific R&D program elements;
C. Normal maintenance and repair to keep systems in working order, system replacement as part of normal replacement cycle; and normal installation operations (i.e. solid waste disposal including tipping fees, landfill operations, etc.); normal wastewater treatment plants, both domestic and industrial, which are appropriately included in base operations;
D. Upgrade/alteration of an industrial process undertaken for other than environmental purposes;
E. Environmental certification/licenses funded separately from mandatory requirements and training;
F. Routine pest control applications required to preserve structural integrity, properly charged to RPM and health applications, such as, mosquito control.

01018760 (F,N) Minor Construction (RPM) (Offensive);X-91-3;;
Includes manpower authorizations, peculiar and support equipment, necessary faclities and the associated cost specifically identified and measurable to the following:

All construction costing less than the statutory maximum amount for a Minor Military Construction project as established by section 2805 of title 10 U.S.C. in support of strategic offensive forces.

01018780 (F,N) Maintenance and Repair (RPM) (Offensive);X-91-3;;
Includes manpower authorizations, peculiar and support equipment, necessary faclities and the associated cost

specifically identified and measurable to the following:

Maintenance and repair of real property, i.e., utilities, buildings, other facilities, pavements, (roads, parking areas, runways, etc.), land, and grounds. Includes, but not limited to, such things as repair of electrical circuitry, heating and air conditioning, water piping, and routine maintenance work such as caulking, painting, etc. in support of strategic offensive forces.

01018790 (F,N) Real Property Services (RPS) - Offensive;X-94-7;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs of utility plant operations, purchased utilities, air conditioning and refrigeration, utility fuels, fire protection, crash rescue, snow removal and ice alleviation, entomological services, window glass replacement, elevator maintenance/inspection, custodial services, refuse collection and disposal, sewer and waste systems, rental of real property, facility engineering and public works management, other installation engineering services and other annual service requirements performed in-house or by contract.

01018940 (F,N) Real Property Maintenance (Offensive) (H);X-93-2;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Real property maintenance at installations having a primary mission of supporting strategic offensive forces.

Maintenance and repair of all real property: utilities systems, buildings, other facilities, pavements (roads, parking areas, etc.), land (grounds).

Minor construction (with other than military construction funds).

Operation of utilities for all real property.

Other engineering support: fire protection, custodial services, entomology services, refuse collection and disposal, snow removal and ice alleviation, rental of real property, excluding payments to GSA, other installation engineering services. Includes all resources in functional categories 9,10,11 and 12 as defined in DoD Instruction 7220.20. Also includes all resources (except manpower and military pay) used by groups/units assigned to specific BOS tasks on an ad hoc basis such as RED HORSE/Naval Construction Force units assigned to repair/construct facilities, roads, parking areas, etc., even if the work is classified as a military unit training project.

Includes funding for reimbursement of Public Works Centers or host installations for real property maintenance of strategic offensive units and activities.

Excludes costs of maintaining family housing. See P.E. 08087460, Family Housing Maintenance.

0101895F Base Communications - Offensive;X-80-006;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the construction and operations resources required to provide non-DCS communications support for the SAC base communications requirements. These include base telephone systems, non-tactical radio systems, base wire communications services, official telephone toll charges, TWX usage and

commercial refile charges, Class B telephone tolls and charges, and all other base-level commercial communications requirements.

Excludes SAC communications networks identified in PE 0101316F; and AUTOVON and AUTODIN access line and leased terminal costs (see PEs 0303112F and 0303126F)

0101895N Base Communications - Offensive;X-80-006;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and associated costs specifically identified and measurable to base level communications support of strategic offensive forces.

Nontactical resources to include message center operations, base telephones, industrial security networks, paging networks and switchboard operations.

Excludes those systems industrially funded or those elements ashore directly supporting the Fleet operating forces.

01018960 (F,N) Base Operations (Offensive);X-95-1;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following functional categories of effort:

Administration: Installation Headquarters Administration and Command (including squadron level responsible for Base Operations), Installation Comptroller Services, Installation ADP Services, Installation Information Activities, Installation Legal Activities, Civilian Personnel Administration, Installation Military Personnel, Administration Installation Printing and Reproduction, Installation Safety, Installation Management Analysis/Management Engineering.

Retail Supply Operations: Installation Supply Activities, Installation Procurement Operation, Installation Storage Activ ities.

Maintenance of Installation Equipment: (Includes maintenance of administrative aircraft, vehicles and equipment; but excludes maintenance of tactical equipment, combat vehicle and mission aircraft).

Other Base Services: Installation Transportation Activities, Installation Training (excludes Troop training and tactical exercise). Installation Physical and Police Activities, Laundry and Dry Cleaning (for troop support and other appropriated fund activities). Installation AirField/Air Base Operations (control tower, weather, flight service, etc.) Installation Restoration.

Bachelor Housing Operations and Furnishing: (management; housing assignment, care of quarters, provisions, care preservation and maintenance of furnishings, etc.)

Other Personnel Support: Food Service; Social Action; Community Service; Chaplain Services; Bands; Morale, Welfare and Recreation.

Excluded are the following functional categories which are a part of the standard definition of Base Operating Support, but are reported under separate PEs: Real Property Services, Minor Construction, Maintenance and Repair, Base Communications, Commissary Operations (Retail and Troop Issue), Station Hospitals, Medical and Dental Clinics and Dispensaries, Family Housing.

0101897F Training (Offensive);;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: Student Squadrons, Combat Crew Training Squadrons, Bombing Ranges, Permanent Party Student Authorizations, Field Maintenance, Organizational Maintenance, Avionics Maintenance, Missile Training Squadrons, FBM Submarine Training Center - Charleston, S.C., Submarine School - New London, Conn.

Excludes all Defense Communications System (DCS) and non-DCS communications resources; aircraft procurement (investment) costs identified with mission elements; training identified to Program 8; advanced flying training related to the B-52, FB-111, B-1, and KC-135 reflected in the prime mission elements (see appropriate elements in this program); indirect support accounted for under the Base Operations element in this program; factory missile training (see Program 8); training related to the Fleet Ballistic Missile System conducted at training facilities at the home ports of the POLARIS submarines (see FBMs element in this program); and the Navy Guided Missile School (see Program 2,Training).

0101897N Training (Offensive) (H);;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: Student Squadrons, Combat Crew Training Squadrons, Bombing Ranges, Permanent Party Student Authorizations, Field Maintenance, Organizational Maintenance, Avionics Maintenance, Missile Training Squadrons, FBM Submarine Training Center - Charleston, S.C., Submarine School - New London, Conn.

Excludes all Defense Communications System (DCS) and non-DCS communications resources; aircraft procurement (investment) costs identified with mission elements; training identified to Program 8; advanced flying training related to the B-52, FB-111, B-1, and KC-135 reflected in the prime mission elements (see appropriate elements in this program); indirect support accounted for under the Base Operations element in this program; factory missile training (see Program 8); training related to the Fleet Ballistic Missile System conducted at training facilities at the home ports of the POLARIS submarines (see FBMs element in this program); and the Navy Guided Missile School (see Program 2,Training).

01018980 (F,N) Management Headquarters - USSTRATCOM ;X-94-1;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Strategic Air Command (SAC); HQ SAC; HQ 8th Air Force; HQ 15th Air Force.

Excludes nonmanagement headquarters resources (refer DoDD 5100.73); WWMCCS ADP; and telecommunications activities (PE 0303198F).

0102111F F-101 Squadrons (H);X-80-004;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Wing Headquarters, Fighter Group Headquarters, Fighter Interceptor Squadrons, Armament and Electronics Maintenance, Consolidated Aircraft Maintenance, Field Maintenance, Organizational Maintenance, Munitions Maintenance, Weapons System Security.

Excludes advanced flying training (see Training (Defensive) element in this program); and resources assigned to Fighter Group Headquarters identified in the Command (Defensive) element in this program.

0102112F F-102 Squadrons (H);;

0102113F F-104 Squadrons (H);

0102114F F-106 Squadrons (H);X-9-02;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Wing Headquarters, Fighter Group Headquarters,Fighter Interceptor Squadrons, Armament and Electronics Maintenance, Field Maintenance, Organizational Maintenance, Weapons System Security.

Also includes specific manpower, equipment, facilities, and costs identified to contracted research and development of new or improved fire control and missile systems managed by the Aeronautical Systems Division of AFSC.

Excludes advanced flying training (see Training (Defensive) element in this program); and resources assigned to Fighter Group Headquarters in the Command (Defensive) element in this program.

0102115N F-6 Squadrons (H);;

0102116F Air Defense F-15;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Fighter Interceptor Squadrons, Armament and Electronics Maintenance, Field Maintenance Organizational Maintenance, Weapons System Security, Engine Maintenance and Rework, Initial and Replenishment Spares and Repair Parts, Aircraft Modifications, Funding support for technical representatives of military equipment contractors and operational test and evaluation testing.

Excludes advanced flying training (see Training (Defensive) element in this program).

0102119F F-16 Air Defense Fighter (H);X-92-4;;

Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Provides for procurement of modification kits for the F-16A which was selected to be the follow-on replacement Air Defense (AD) aircraft and funds the Operational Test and Evaluation (OT&E) efforts to insure mission capability of the weapon system.

0102120F F-16 Interceptor Squadrons (H);X-94-1;
Includes manpower authorizations, peculiar and support equipment, necessary facilities measurable to the following:

Funds the operations and maintenance of the two active F-16 squadrons assigned to strategic defense. The entire operations and maintenance costs of the units to include flying hours, supplies, support equipment, simulators, and personnel are funded. Includes alert detachments at Castle AFB, CA and Tyndall AFB, FL.

0102211F BOMARC Squadrons (H);;

0102212A NIKE-HERCULES Battalions (H);;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Direct Support Maintenance Units General Support Maintenance Units Air Defense Brigades Headquarters and Headquarters Batteries Headquarters and Headquarters Batteries Air Defense Artillery Missile Batteries Air Defense Group Headquarters and Headquarters Batteries

Excludes Technical Service Support--See Base Operations element in this program. SAM Fire Coordination Systems--See appropriate element in this program. Missile Training--See Defense Training element in this program.

0102213A HAWK Battalions (H);X-80-004;

0102215N ABM Support (H);;

0102310F NCMC - TW/AA Systems (H);X-95-2;
Includes resources (manpower authorizations, research and development, investment, operations and maintenance) that support the NORAD Cheyenne Mountain Complex (NCMC) ballistic missile and atmospheric tactical warning/attack assessment (TW/AA) missions. Includes ADP resources for existing NCMC TW/AA systems; related systems installed in the Off-Site Test Facility and Test, Development and Training Center and programed replacements for the Communications System Segment and NORAD Computer System. Also includes those resources devoted to planning, designing, developing, procuring, leasing, programing, and operating NCMC TW/AA systems.

Excludes any resources associated with the intelligence data handling system (PE 0301334F), NCMC space defense systems (PE 0102311F), NCMC communications support (PE 0102323F), and resources associated with WWMCCS-Standard and WIS ADP programs.

0102311F NCMC - Space Defense Systems (H);X-95-2;
Includes resources (manpower authorizations, research and development, investment, operations and maintenance) that support the NORAD Cheyenne Mountain Complex (NCMC) space surveillance and space defense missions. Includes ADP resources for existing NCMC space surveillance/defense systems, related systems installed in the Off-Site Test Facility and Test, Development, and Training Center; and programed replacements/upgrades for the SPADOC, SPADOC Computational Center and Mission Operations Center. Also includes those resources devoted to planning, designing, developing, procuring, leasing, programing and operating space surveillance and space defense systems, to include ASAT C2 systems.

Excludes any resources associated with the intelligence data handling systems (PE 0301334F), NCMC ballistic missile and atmospheric tactical warning/attack assessment systems (PE 0102310F), NCMC communications support (PE 0102323F) and resources associated with WWMCCS-standard and WIS ADP programs.

0102312F C3 Power Reliability Program;X-4-03;
Includes resources to correct electrical power, air conditioning and electro-magnetic pulse (EMP) protection deficiences at selected C3 sites. Project will cover entire power generation, delivery and ancillary support systems to all critical mission loads, including commercial power connections, rapid-start-engine generators, uninterruptible power supplies (UPS), reserve cooling capacity, fire detection and control, supervisory control systems, and EMP protection corrections.

Excludes the cost of operating and maintaining such systems, also excludes manpower authorizations and their related costs.

0102313F Ballistic Missile Tactical Warning/Attack Assessment System (H);X-95-2;
This PE provides for Ballistic Missile Tactical Warning/Attack Assessment (TW/AA) resources which extend across multiple subsystems/commands and apply to the System as an entity. Resources include a newly established (FY 81) System Integration Office (SIO) providing (TW/AA) System architecture,TW/AA and collateral systems interface/integration engineering, configuration control, data management, TW/AA System interface/integration test and demonstration,TW/AA evaluation analysis and Collateral Sensor Support. SIO resources are for the following functions; either directly or through coordination with other Commands/Agencies.

a. Establish and maintain the TW/AA System configuration baseline. b. Perform interface/integration engineering and testing. c. Establish, verify and evaluate technical integrity among specified operational TW/AA requirements, component operational capabilities, TW/AA System architecture and capabilities, and the approved/proposed programs and enhancements. Includes establishing hardware and software configurations. d. Provide technical guidance to support the analysis and evaluation of the TW/AA system. The system must evolve to meet new threats, new missions, resource allocation changes, policy and doctrine changes, and technological and environmental changes. e. Provides a coherent interface and architecture design. f. Translate operational TW/AA requirements into functional engineering requirements. g. Evaluate and propose sensor cross-checks and interoperability with Command Centers. h. Identify, organize, and manage interrelated technical roles available from several engineering disciplines to satisfy overall TW/AA systems engineering design requirements. i. Provide a common technical reference baseline

for communications among TW/AA user organizations, between TW/AA users and developers, and among developers.j. Plan, design, develop and publish technical engineering standards, procedures, and interface/integration criteria for TW/AA System components and monitor adherence to such standards. k. Provide PPBS inputs to the Aerospace Defense Center as required and monitor R&D efforts that have impact on the TW/AA System. It will certify compatibility of all TW/AA components, both existing and newly developed.

0102314F Back-Up Interceptor Control (BUIC) System (H);X-6-01;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to BUIC Centers (I-II and III).

Excludes center support (see Base Operations element in this program and surveillance radar stations/sites); and leased communications. (Note: BUIC Centers are located at the same facilities with surveillance radars and support is therefore charged to the host activity.)

0102315A Surface-to-Air Missile Fire Coordination Centers (H);;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

AN/GSG-5 (Birdie) Installations AN/TSQ-51 Installations

Excludes costs of leased communications and resources associated with the supporting Signal Group includes in PE 0102333A, Air Defense Communications.

0102317F Joint Control Centers (H);;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to Joint USAF/FAA Control Centers located in the FAA Air Route Traffic Control Centers.

Excludes BUIC; Direction Centers; and Combat Centers (see appropriate elements in this program).

0102318F Region Control Centers (H);X-6-01;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the Region Control Center - SAGE, and the Region Control Center - Manual, which are the command posts where the NORAD Region Commander and TAC Air Division Commanders manage their forces with the additional capability to conduct the air battle in the SAGE environment. In the Manual environment, only Battle Management is performed and the interceptions are conducted from the NORAD Manual Control Center facilities.

Excludes all Defense Communications System (DCS) and non-DCS communications resources.

0102319F Manual NORAD Control Centers (H);X-6-01;

Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the Manual NORAD Control Centers which perform interceptor control in a manual environment. The three sites in Alaska report to the Region Control Centers - Manual, the Melville; Canada facility reports to the 22nd NORAD Region; and the Key West, Florida facility reports to the 20th NORAD Region. Included is the operations portion only of the radar site facility (see note below).

Excludes leased communications contained in PE 0102331F; and the remainder of the radar site facility which remains in surveillance radar PE 0102441F. (Note: Manual NORAD Control Centers are located at the same facilities with surveillance radar, and the support is therefore charged to the host activity.)

0102322F AAC Integrated Command & Control System (H);X-92-4;;
Includes resources (investment and operation & maintenance) necessary to provide an integrated command and control communications and computer (C4) system for Alaskan Air Command (AAC), Alaska NORAD Region (ANR), and Joint Task Force-Alaska. Allows the commander of AAC the capability for command and control elements necessary to gather, store, process, display and disseminate essential information. Includes, but is not limited to procurement of a UHF communications net, upgrades to the HF radio communications, and establishment of secure networks for the transfer of voice and data communications throughout the Alaskan theater and interconnecting to the continental United States.

Excludes manpower and any resources associated with the WWMCCS Information System (WIS), PE 0303152F and PE 0303154F.

0102323F TW/AA Interface Network (H);X-95-2;
Includes resources (manpower authorizations, research and development, investments, operations and maintenance) that provide DCS and non-DCS strategic connectivity between ballistic missile tactical warning/attack assessment (TW/AA) sensor sites and key command centers (NORAD, SAC, and NCA ground facilities). Includes manpower to operate and maintain TW/AA communications facilities and resources to lease, develop, procure and maintain dedicated commerical and military communications systems (circuits, line termination equipment) that support TW/AA data, teletype and voice connectivity requirements. Also provides resources for sensor and command center interfaces with programmed survivable communications systems (JRSC, GWEN, MILSTAR, etc.).

Excludes any resources associated with the AF COMSEC Program (PE 0303401F), common user communications networks such as AUTOVON and AUTODIN (PE 0303126F), base level communications (PE 0303112F) and major military communications systems such as DSCS (PE 0303110F). Also excludes resources associated directly with TW/AA sensors and the NORAD Cheyenne Mountain Complex.

0102324F ADC Command and Control System (H);;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the Headquarters ADC Command and Control facility which includes Command Center operations and automation.

Excludes command and control communications.

0102325F Joint Surveillance System;;

Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the Joint Surveillance System (JSS), using FAA and military radars in CONUS and Alaska, which provide the surveillance, command, and control functions required for performing the peacetime CONUS air sovereignty and control mission. The JSS will provide the means for rapid transition of the command, control and surveillance functions to AWACS in time of crisis. The JSS will be comprised of four regions in the CONUS, two in Canada, one in Alaska, and two in Hawaii, with command and control responsibility in each region under a Region Operations Control Center (ROCC).

Excludes Region Control Centers; BUIC; and Manual NORAD Control Centers (see appropriate elements in this program).

0102331F Communications - 416L;;

Includes the North American Air Defense System which is composed of a variety of facilities, electronic systems, weapons, and communications. Communications consist of three general types: Those that are installed and used internally within the various facilities of the system; those that are required for air-ground-air communications purposes; and those long-haul circuits which provide communications between the various components of the system. This program includes the external DCS and internal non-DCS leased facilities and other communications facilities integral to the SAGE/BUIC System (416-L), including the Continental Air Defense Integration Northward (CADIN) Program. It also includes a 12-channel leased system rearward from the Distant Early Warning (DEW) Line at Pin-3 to Hay River, NWT, which supports general DCS as well as Air Defense requirements, and manpower and resources necessary to support the system.

Excludes similar resources included in PE 0102323F, NORAD-COC (Telecommunications); and AUTODIN and AUTOVON access lines and leased terminal costs (PEs 0303112F and 0303126F).

0102333A Air Defense Communications (H);;

Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Voice and data communications for ARADCOM SAM Fire Coordination Center; Air Defense Groups; Battalion Control Groups; SAM Firing Batteries and Missile Launch Groups; for command and control and administrative purposes. Includes circuit leases and communications operational support for the ARADCOM operated sites of the active Army and Army National Guard.

Also includes Base Communications in support of Army/Air Defense, such as manual and automatic telephone exchanges and associated cable distribution plants, manual and automated telecommunications centers, fixed and mobile stations, teletypewriter facsimile and data terminals, and commercial communications consisting of locally leased circuits and equipment, Wide Area Telephone Service (WATS), toll and local telephone and messages charges, and other communications services purchased from commercial communications common carriers.

Excludes COMSEC; Audio-Visual Activities; Photographic Services; systems such as Fire Alarms, Intrusion Detection Alarms, and Civil Defense Warning Systems; AUTODIN and AUTOVON access lines and leased terminal costs, communications integral to the weapon system.

0102410F Airborne Warning and Control System (AWACS) (H);;

Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: AWACS System Acquisition Costs, Aircraft Squadrons (AWACS Aircraft),Wing Headquarters, Armament and Electronic Maintenance, Field Maintenance, Organizational Maintenance, Weapons System Security

Excludes AEW&C Wings (see Airborne Early Warning and Control Systems element in this program); overland radar technology (see appropriate element in Program 6); and all Defense Communications System (DCS) and non-DCS communication resources.

0102411F North Atlantic Defense System;X-94-6;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to Search Radar Stations in Iceland and the USAF share of the longe range radars in Southern Canada that support the NORAD network, and Ground/Air Radio Facilities.

Excludes leased communications support (see Communications (416-L), PE 0102331F; BUIC III Facilities, PE 0102314F; and Manual (NORAD) Control Centers, PE 0102319F); and all Defense Communications System (DCS) and non-DCS communication resources.

0102412F North Warning System (NWS);X-94-6;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: NWS Sites (West), NWS Sites (East), and NWS Sites (Main).

Excludes leased communication support.

0102413F Airborne Early Warning and Control Systems (H);X-80-004;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Aircraft Squadrons (AEW&C) and ALRI Aircraft, Wing Headquarters, Armament and Electronics Maintenance, Field Maintenance, Organizational Maintenance, ALRI Ground Stations, Weapons System Security.

Excludes all Defense Communications System (DCS) and non-DCS communications resources.

0102414N Airborne DEW-Line Extension (H);;

0102415N Picket Ships - DEW-Line Extension (H);;

0102416N Picket Ships - Offshore Radar (H);;

0102417F Over-the-Horizon Backscatter Radar;X-6-01;

Provides for development, acquisition, operation and maintenance of Over-the-Horizon Backscatter (OTH-B) radar stations. Includes manpower authorizations, peculiar support equipment, necessary facilities and the associated costs specifically identified and measurable to OTH-B Radar stations.

Excludes OTH Forward Scatter (440-L), Sentinel Fan (441-A), and leased Communications Support (See PE 0102444F).

0102418F Advanced Warning System;X-0-10;

0102421F Program 437 (H);;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: Provide THOR missile launch support to Air Force Systems Command for the Defense Meteorological Satellite Program (DMSP) from Vandenberg AFB, California, and to the Defense Nuclear Agency for High Altitude Program (HAP) portion of the National Nuclear Test Readiness Program (NNTRP), and the Army's SAFEGUARD Ballistic Missile Defense (BMD) and Site Defense Test Programs (SDTP) from Johnston Island. Resources include those associated with the launch emplacements, guidance and tracking radars, and data processing equipment, including computer programing and maintenance.

Excludes communications resources contained in PE 0102441F and pre-go launch modifications costs associated with DMSP,NNTRP, and BMDP/SDTP.

0102422A Program 505 (H);;

0102423F Ballistic Missile Early Warning System (BMEWS);;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

BMEWS Sites, BMEWS Surveillance Wing, Surveillance Wing Support Units.

Excludes all Defense Communication System (DCS) and non-DCS communications resources which are contained in PE 0102323F.

0102424F SPACETRACK;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the Spacetrack Sensor Network.

Excludes all Defense Communications System (DCS) and non-DCS resources which are contained in PE 0102443F.

0102425F Over-the-Horizon (OTH) Radar System (H);;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs

specifically identified and measurable to OTH Transmitting Stations, OTH Receiving Stations, and Data Correlation Centers.

Excludes OTH radar systems included in Technical Sensor Collection element in Program 3, and communications support (PE 0102444F).

0102426F Bomb Alarm System (H);;

0102427N Naval Space Surveillance;X-7-09;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

SPASUR Headquarters Receiving Stations Transmitting Stations

0102428N Space Systems Control;X-5-07;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and associated costs specifically identified and measurable to NAVSPACECOM activities and detachments.

Excludes all leased communications identified and reported in Program 3.

0102429F NIKE Targets (H);;

0102431F Defense Support Program (H);X-95-2;
The Defense Support Program is a classified program requiring access in accordance with AFR 205-23.

Excludes all Defense Communications System (DCS) and non-DCS communications resources.

0102432F Submarine-Launched Ballistic Missile (SLBM) Radar Warning System (H);X-95-2;
Includes manpower authorizations, peculiar and support equipment necessary facilities and the associated costs specifically identified and measurable to the Sea-Launched Ballistic Missile Detection and Warning Radar (FSS-7), and the SLBM Phased Array Radar System (PAVE PAWS, FPS-85, and PARCS).

Excludes all Defense Communications System (DCS) and non-DCS communications resources which are contained in PE 0102323F.

0102433F NUDET Detection System (H);X-93-4;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and associated costs

specifically identified and measurable to the following:

The NUDET electromagnetic pulse sensors and associated ground equipment being developed and produced to provide data to fulfill nuclear test monitoring requirements. The NDS effort consists of the development and integration of sensors on the GPS satellites, and the development of associated ground equipment for various users including the National Command Authority and Unified/Specified commanders.

0102434F Perimeter Acquisition Radar-Attack Characterization System (PARCS) (H);X-1-004;
Includes all manpower, equipment, other investment costs and costs of operation of the PARCS.

Excludes all Defense Communications System (DCS) and non-DCS communications resources which are contained in PE 0102435F.

0102435F PARCS Communications (H);X-1-004;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to DCS and non-DCS communications supporting PE 0102434F, PARCS, including those communications services and facilities internal to the PARCS site as well as the communications facilities from the PARCS site to the missile terminal center in the NCMC and the NORAD alternate location.

Excludes AUTODIN and AUTOVON services (PE 0303112F and 0303126F).

0102436F Command Center Processing and Display System (H);X-95-2;
Includes all resources (R&D, investment, and operations) directly associated with the CCPDS as defined in the CCPDS Configuration Management Plan, including those resources devoted to designing, developing, procuring, and operating the ADP and display facilities dedicated to CCPDS operation.

Excludes Missile Warning Sensors and Communication Networks; command center personnel and other user personnel not directly involved with development, maintenance, and operation of the system; and manpower associated with the NMCC Processing and Display System located at the NMCC and ANMCC.

0102441F Program 437 Communications (H);;
Includes Defense Communications System (DCS) and non-DCS communications supporting PE 0102421F, Program 437. Program 437 Non-DCS Communications: Internal communications including tactical circuits as well as administrative or logistic circuits dedicated exclusively to this element. Program 437 DCS Communications: ADC dedicated long haul circuits.

Excludes resources for long-haul, common-user circuits included in PEs 0303112F and 0303126F.

0102443F Space Defense Interface Network;X-3-07;
Includes resources (manpower authorizations, research and development, investments, operations and maintenance) that provide DCS and non-DCS strategic connectivity between SPACETRACK sensors, NORAD Cheyenne Mountain Complex

(NCMC) space defense systems and satellite owners/operators. Provides manpower to operate and maintain communications equipment at SPACETRACK sensors. Leases, develops, procures and maintains dedicated commercial and military communications systems (circuits, line termination equipment) that support space defense data, teletype and voice connectivity requirements.

Excludes any resources associated with the AF COMSEC Program (PE 0303401F), common user communications networks such as AUTOVON and AUTODIN (PE 0303126F), base level communications (PE 0303112F) and major military communications systems such as DSCS (PE 0303110F). Also excludes resources associated directly with SPACETRACK sensors (PE 0102424F) and NCMC space defense systems (PE 0102311F).

0102444F Over-the-Horizon Radar System Communications;;
Includes dedicated DCS leased,long-haul, external communications circuits required for support of CONUS OTH-B program. Supports PE 0102417F.

0102445F Counterdrug Aerostats;X-94-2;;
Captures costs funded by the transfer counterdrug appropriation pertaining to development, procurement, and operation of aerostats by DOD to detect and monitor drug traffickers. Activities funded in this program element will only be those approved by the Secretary of Defense and supported by the transfer appropriation.

Civilian authorizations will be associated with this PE.

0102446F Counterdrug Caribbean Basin Radar Network (CBRN);X-94-2;;
Captures costs funded by the transfer counterdrug appropriation pertaining to development, procurement and operation of the Caribbean Basin Radar Network (CBRN). Activities funded in this program element will only be those approved by the Secretary of Defense and supported by the transfer appropriation.

0102449F Space Shuttle (H);X-8-04;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the reusable Space Shuttle which is a new generation, space launch vehicle being developed by the NASA as a national space launch and retrieval system. It will replace the present expendable launch vehicle family. The Shuttle will offer the potential for improved space mission capability, along with the operational advantages inherent with rapid routine access to space. The ability to retrieve payloads from orbit should lead to new mission concepts, such as refurbishment and reuse of satellites, as well as the use of the Shuttle for payload development and scientific purposes. The Air Force, as DoD Executive Agent for this program , will ensure the Shuttle can accommodate DoD space missions. To satisfy the DoD requirement for synchronous orbits and high altitude missions, an "upper stage" is required to transfer these types of missions from low earth orbit to higher altitudes. The DoD has agreed to provide by 1980 the initial simplified version of this upper stage, to be called the Interim Upper Stage (IUS). Eventually, the NASA will provide a sophisticated upper stage for this program to be called the Space Tug. The DoD has also agreed to provide by late 1982, or as soon thereafter as funding permits, a minimum-cost shuttle capability at Vandenberg Air Force Base to satisfy the DoD requirement to place payloads in Polar orbits.

0102450F Space Defense Operations (H);X-95-2;

Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the acquisition of an operational anti-satellite system that will be operated by ADCOM.

Excludes RDT&E resources, reflected in PE 0604406F, Space Defense Systems.

0102496F Base Operations - SPACECOM (H);X-95-2;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following functional categories of effort:

Administration: Installation Headquarters Administration and Command (including squadron level responsible for Base Operations), Installation Comptroller Services, Installation ADP Services, Installation Information Activities, Installation Legal Activities, Civilian Personnel Administration, Installation Military Personnel, Administration Installation Printing and Reproduction, Installation Safety, Installation Management Analysis/Management Engineering.

Retail Supply Operations: Installation Supply Activities, Installation Procurement Operation, Installation Storage Activ ities.

Maintenance of Installation Equipment: (Includes maintenance of administrative aircraft, vehicles and equipment; but excludes maintenance of tactical equipment, combat vehicle and mission aircraft).

Other Base Services: Installation Transportation Activities, Installation Training (excludes Troop training and tactical exercise). Installation Physical and Police Activities, Laundry and Dry Cleaning (for troop support and other appropriated fund activities). Installation AirField/Air Base Operations (control tower, weather, flight service, etc.) Installation Restoration.

Bachelor Housing Operations and Furnishing: (management; housing assignment, care of quarters, provisions, care preservation and maintenance of furnishings, etc.)

Other Personnel Support: Food Service; Social Action; Community Service; Chaplain Services; Bands; Morale, Welfare and Recreation.

Excluded are the following functional categories which are a part of the standard definition of Base Operating Support, but are reported under separate PEs: Real Property Services, Minor Construction, Maintenance and Repair, Base Communications, Commissary Operations (Retail and Troop Issue), Station Hospitals, Medical and Dental Clinics and Dispensaries, Family Housing.

0102498F Management Headquarters (Space Command) (H);X-95-2;

0102498N Management Headquarters (Space Command);X-3-01;
Manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Space Command Headquarters.

Excludes nonmanagement headquarters resources and WWMCCS ADP

0102514A SAFEGUARD Defense System (H);;
Includes SAFEGUARD System Office, SAFEGUARD System Evaluation Agency, Ballistic Missile Defense, Test Unit, manpower and costs of dedicated SAFEGUARD elements of Hqs, ARADCOM, and SAFEGUARD Systems Command research and development activities.

SAFEGUARD dedicated onsite manpower, equipment, and costs of operation of the SAFE- GUARD Defense System and direct SAFEGUARD development, procurement, production, construction, construction support, and deployment costs.

Excludes STRATCOM, CONARC, and AMC manpower and costs--See appropriate elements in Programs 3, 7, and 9.

0102516A SAFEGUARD Communications (H);;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Management of the SAFEGUARD Communications Programs and establishment, operation, maintenance and support of the communication system for deployment of the SAFEGUARD Ballistic Missile Defense System. This includes provision of tactical communications in support of SAFEGUARD deployment; integration of SAFEGUARD tactical circuits with existing circuits of other systems; and design, engineering, procurement, installation, test and operation of management communications in support of SAFEGUARD deployment.

Excludes Communications Security and AUTODIN and AUTOVON access lines and leased terminal costs (See 0303111A and 0303126A).

0102517A SAFEGUARD Logistic Support (H);X-80-004;
Includes manpower and operating and investment costs of SAFEGUARD Logistics Command and of the SAFEGUARD System Command, except research and development activities.

Excludes SAFEGUARD Systems Command R&D activities--See PE 0102514A, SAFEGUARD Defense Systems.

0102518A SAFEGUARD Training (H);;

0102519A SAFEGUARD Comstruction Supervision (H);;
Includes all military and civilian spaces allocated to the Engineer Division, Huntsville, Alabama, and associated military pay costs.

Excludes civilian personnel costs and other MCA costs--See appropriate elements in this program.

0102520A SAFEGUARD Base Support (H);;

Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Supply Operations Maintenance and Repair of Real Property Maintenance of Material Minor Construction Personnel Support Other Engineering Support Base Services Administration Operations of Utilities

Base Operations support functions at the SAFEGUARD Depot at Glasgow AFB, which are specifically identifiable as dedicated to and in support of the SAFEGUARD Project and subject to control of the SAFEGUARD System Manager.

Excludes Family Housing, Defense--See appropriate element in Program 8. STRATCOM, ARADCOM, and AMC manpower costs--See appropriate elements in Programs 1, 3, 7, and 9. Those base operations support activities at the SAFEGUARD Depot which are common to the entire Glasgow AFB and are not specifically identifiable as dedicated to and in support of the SAFEGUARD Project and not subject to the control of the SAFEGUARD Systems Manager--See Programs 7 and 9.

01028020 (A,F,N) Service Support to DCPA (H);X-80-004;
Includes military personnel support to the DCPA (military manpower and associated military personnel costs). Primary activity supported: Strategic Defense Forces.

0102809F Strategic Defense Support for Counternarcotics;X-91-1;
Includes activities funded by transfer appropriation from DOD Counternarcotics Funds Account pertaining to the use of strategic defensive systems to detect and monitor drug traffickers entering the United States illegally. Does not include OPTEMPO

Civilian authorizations will be associated with this PE.

0102811A Military Survival Measures (H);;

0102812A JCS Directed and Coordinated Exercises (H);;
Includes incremental costs for both directed and coordinated exercises imposed by JCS. Costs are normally related and measurable to the following:

Transportation of troops by land, and air Equipment Per Diem Allowances Expendable Supplies Other Exercises-related costs

Costs are net expense after consideration of normal or routine costs without the exercise.

Excludes costs of routine exercises and maneuvers conducted by the individual Service. Manpower and associated costs.

0102813N Barrier Communications Network (H);;

01028140 (A,D) Special Programs;X-1-001;
Includes costs specifically identified and measurable to special classified projects for which information on resources will be provided only on a "need- to-know" basis to authorized personnel identified on a special access list.

01028150 (A,F,M,N) Joint Continental Defense Systems Integration Planning Staff (H);;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the Joint Continental Defense System Integration Planning Staff. This organization is under the direction of the JCS and charged with assisting the Joint Staff of Staff in planning for the effective integration of defensive systems which contribute to Continental Aerospace Defense. The USAF is Executive Agent for support of JSIPS and is responsible for the budgeting, housekeeping, technical contracting service, and associated support activities.

0102816F Operational Headquarters (Defensive);;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to Air Divisions.

Excludes management headquarters resources.

0102817A Mobile Command Centers;X-2-004;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

A Mobile Communication Center is being developed to provide in the near term ability to direct/reconstitute conventional forces both in CONUS and overseas theaters. This capability must be able to survive a general nuclear war by means other than hardening. It must also perform at least the minimum essential national command posts' tasks throughout a prolonged general war when no other currently existing National Command Center is available or capable of performing them.

0102820F Mission Evaluation Activities (Defensive);;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to Defense System Evaluation Squadrons and Radar Evaluation Squadrons.

0102821A Classified Program;X-3-03;
Includes costs specifically identified and measurable to special classified projects for which information on resources will be provided only on a "need to know" basis to authorized personnel identified on a special access list.

0102822F LEO (H);X-8-06;

This is a special access program. Access will be granted on a strict need-to-know basis only.

Excludes military and civilian manpower and their related costs.

0102823F Strategic Aerospace Intelligence System Activities;X-94-1;;
Includes resources, organizations, activities, and procedures structured to provide intelligence and intelligence functional support to U.S Strategic Command, Air Force Space Command, and other USAF force elements. Includes manpower authorizations, peculiar and support equipment, necessary fixed and deployable facilities, and the associated costs specifically identified and measurable to the following: Joint Intelligence Center and other resources associated with USSTRATCOM, AFSPACECOM, and their subordinate command elements.

Excludes training identified in Program 8; resources identified in Program 3; resources associated with management headquarters; real property and base operating support.

01028270 (A,F,M,N) Industrial Fund and Stock Fund Support (H);X-94-1;
This program element reflects funding adjustments necessary to align appropriated funds requested in customer accounts and Industrial and Stock Fund activities pricing.

01028300 (A,F) Classified Program;;;

01028310 (A,F) Classified Program;;;

0102852C Space Based Interceptors;X-92-5;;
Includes manpower authorizations and the associated costs specifically identified and measurable to the following:

Procurement for programs, projects and activities (and supporting programs, projects and activities) that have as a primary objective the conduct of research on space-based kinetic-kill interceptors and associated sensors that could provide an overlay to ground based anti-ballistic missile interceptors.

0102854C Limited Defense System;X-92-3;;
Includes manpower authorizations and the associated costs specifically identified and measurable to the following:

Procurement for programs, projects, and activities (and supporting programs, projects, and activities) which have as a primary objective the development of systems, components, and architectures for a deployable anti ballistic missile system that is capable of providing a highly effective defense of the United States against limited ballistic missile threats, including accidental or unauthorized launches or Third World attacks, but below a threshold that would bring into question strategic stability. Such activities shall include those activities necessary to develop and test systems, components, and architectures capable of deployment by fiscal year 1996 as

part of an ABM Treaty compliant initial site defensive system. For purposes of planning, evaluation, design, and effectiveness studies, such programs, projects, and activities may take into consideration both the current limitations of the ABM Treaty and modest changes to its numerical limitations and its limitations on the use of space based sensors.

0102856F Environmental Compliance;X-94-6;;
Environmental Compliance includes actions to achieve and maintain full and sustained compliance with federal, state, and local environmental laws and regulations, Executive Orders, host nation regulations and DoD policies. Applies to workyears, training, travel, supplies, permits, fees, support equipment, service, and facilities (if the primary purpose is to comply with environmental standards) and the associated costs specifically identified and measurable to environmental compliance.

Funds all costs related to environmental compliance, including:

A. Recurring costs of environmental program management, daily operations and services, permits, fees, certifications, studies, and licenses; civilian workyears; education and training of environmental programs; hazardous waste management and disposal; sampling, analysis, monitoring and surveys; supplies, equipment, and travel.
B. Nonrecurring costs of projects/services required to bring DoD into compliance with environmental standards or comply with a notice of violation (Class I); to prevent DoD from failing to meet impending environmental standards (Class II); or to enhance the environment beyond legal requirements (Class III);
C. Pest management programs to meet FIFRA standards for pest management and pesticide storage, handling or use standards;
D. Overseas cleanup, as well as overseas compliance, efforts; and
E. Certification of innovative technology for DoD applications.

Excluding:

A. Efforts funded under Defense Environmental Restoration Account, Conservation, Pollution Prevention, BRAC or Occupational Health and Safety auspices;
B. Research and Development efforts associated with compliance, which are covered under specific R&D program elements;
C. Normal maintenance and repair to keep systems in working order, system replacement as part of normal replacement cycle; and normal installation operations (i.e. solid waste disposal including tipping fees, landfill operations, etc.); normal wastewater treatment plants, both domestic and industrial, which are appropriately included in base operations;
D. Upgrade/alteration of an industrial process undertaken for other than environmental purposes;
E. Environmental certification/licenses funded separately from mandatory requirements and training;
F. Routine pest control applications required to preserve structural integrity, properly charged to RPM and health applications, such as, mosquito control.

0102876F Minor Construction (RPM) (Defensive)(H);X-95-3;;
Includes manpower authorizations, peculiar and support equipment, necessary faclities and the associated cost specifically identified and measurable to the following:

All construction costing less than the statutory maximum amount for a Minor Military Construction project as established by section 2805 of title 10 U.S.C. in support of strategic defensive forces.

0102878F Maintenance and Repair (RPM) (Defensive);X-91-3;;
Includes manpower authorizations, peculiar and support equipment, necessary faclities and the associated cost specifically identified and measurable to the following:

Maintenance and repair of real property, i.e., utilities, buildings, other facilities, pavements, (roads, parking areas, runways, etc.), land, and grounds. Includes, but not limited to, such things as repair of electrical circuitry, heating and air conditioning, water piping, and routine maintenance work such as caulking, painting, etc. in support of strategic defensive forces.

0102879F Real Property Services (RPS) - Defensive;X-94-7;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs of utility plant operations, purchased utilities, air conditioning and refrigeration, utility fuels, fire protection, crash rescue, snow removal and ice alleviation, entomological services, window glass replacement, elevator maintenance/inspection, custodial services, refuse collection and disposal, sewer and waste systems, rental of real property, facility engineering and public works management, other installation engineering services and other annual service requirements performed in-house or by contract.

01028900 (A,F,N) Visual Information Activities-Strategic;X-6-06;
Funds Visual Information programs, consisting of the following subsets: Visual information (VI) productions and services and VI support.

Includes manpower authorizations and costs, travel, contractual services, procurement of supplies and materials, expense equipment, necessary facilities and the associated costs specifically identified, separable into "in-house" and "contract" portions, and measurable to the following strategic functions, as appropriate:

o VI Productions and Services. Produce or acquire VI productions (i.e., slide and slide-sound sets, film strips, multi-media, video disc, audio productions, combination media), and motion media with sound. Includes resources for scripting, preproduction, production, postproduction, libraries, duplication, distribution, production project management, and other related and associated services.

o VI Support. Provide VI operational (combat and technical) documentation, still and motion picture photography, video, audio, radio and television closed circuit and broadcasting (not Armed Forces Radio and Television Service (AFRTS)) services, graphic art, VI records centers, VI records holding facilities, presentation support, repair and maintenance, video teleconferencing terminals, related and associated services, and their supervision.

o Joint Visual Information Services (JVIS). Resources to operate and maintain JVIS production, depository, and distribution activities assigned by OASD(PA), as a joint mission for DoD.

Excludes VI management at command and component headquarters and OSD. Excludes technical documentation support not available from base VI services, integral to the mission of organizations supported, and identified in other program elements. VI equipment integral to technical documentation functions is also excluded. It does not include VI activities with discrete program elements such as: Armed Forces Radio and Television Service.

0102894F Real Property Maintenance (Defensive) (H);X-93-2;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Real property maintenance at installations having a primary mission of supporting strategic defensive forces.

Maintenance and repair of all real property: utilities systems, buildings, other facilities, pavements (roads, parking areas, etc.), land (grounds).

Minor construction (with other than military construction funds).

Operation of utilities for all real property.

Other engineering support: fire protection, custodial services, entomology services, refuse collection and disposal, snow removal and ice alleviation, rental of real property (excluding payments to GSA), other installation engineering services.

Includes all resources in functional categories 9, 10, 11 and 12 as defined in DoD Instruction 7220.20. Also includes all resources (except manpower and military pay) used by groups/units assigned to specific BOS tasks on an ad hoc basis such as RED HORSE/Naval Construction Force units assigned to repair/construct facilities, roads, parking areas, etc., even if the work is classified as a military unit training project.

Includes funding for reimbursement of Public Works Centers or host installations for real property maintenance.

Excludes costs of maintaining family housing. See PE 08087460, Family Housing Maintenance.

0102895F Command and Base Communications - Air Defense;X-94-5;;
Includes the procurement, operations, and construction resources to provide non- DCS communications support for the HQ ACC communications staff and the ACC base communications requirements. Included are: Base Telephone Systems (PBX or PABX). Nontactical Radio Systems, Wire Communications Services, Official Tolls, TWX Usage, and Commercial Refiles, Class B Tolls and Charges, Other base level commercial communications requirements.

Excludes NORAD/STRATCOM communications identified in PEs 0102323F, 0102331F, 0102441F, 0102443F, 0102444F, 0303112F, and 0303126F.

0102896F Base Operations (Defensive);X-95-3;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs

specifically identified and measurable to the following functional categories of effort:

Administration: Installation Headquarters Administration and Command (including squadron level responsible for Base Operations), Installation Comptroller Services, Installation ADP Services, Installation Information Activities, Installation Legal Activities, Civilian Personnel Administration, Installation Military Personnel, Administration Installation Printing and Reproduction, Installation Safety, Installation Management Analysis/Management Engineering.

Retail Supply Operations: Installation Supply Activities, Installation Procurement Operation, Installation Storage Activ ities.

Maintenance of Installation Equipment: (Includes maintenance of administrative aircraft, vehicles and equipment; but excludes maintenance of tactical equipment, combat vehicle and mission aircraft).

Other Base Services: Installation Transportation Activities, Installation Training (excludes Troop training and tactical exercise). Installation Physical and Police Activities, Laundry and Dry Cleaning (for troop support and other appropriated fund activities). Installation AirField/Air Base Operations (control tower, weather, flight service, etc.) Installation Restoration.

Bachelor Housing Operations and Furnishing: (management; housing assignment, care of quarters, provisions, care preservation and maintenance of furnishings, etc.)

Other Personnel Support: Food Service; Social Action; Community Service; Chaplain Services; Bands; Morale, Welfare and Recreation.

Excluded are the following functional categories which are a part of the standard definition of Base Operating Support, but are reported under separate PEs: Real Property Services, Minor Construction, Maintenance and Repair, Base Communications, Commissary Operations (Retail and Troop Issue), Station Hospitals, Medical and Dental Clinics and Dispensaries, Family Housing.

01028960 (A,N) Base Operations (Defensive) (H);;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: Base level support functions for fixed installations and assigned mission units, including administration, information services, comptroller, audio-visual services, social actions, supply activity operations, equipment maintenance (including transient aircraft), transportation, laundry and dry cleaning services, food service, chaplain, recreation activities, security police (law enforcement), community service activities, bachelor housing operations and furnishings, data processing activities (non-functional), bands, ground safety, procurement, management engineering teams, and support groups/units/air base operations.

Excludes Family Housing Expenses - See appropriate Program 8 elements. Subsistence Troop Issue - See PE 0702892F. Commissary Retail Sales - See PE 0702891F.

0102897F Training (Defensive);;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Air Defense Weapons, Center Headquarters, Flying Training Squadrons, Combat Crew Training Squadrons, Interceptor Weapons School, Test Squadron, Armament and Electronic Maintenance, Organizational Maintenance, Field Maintenance, Permanent Party Student Authorizations, Weapons Firing Ranges.

Excludes Aircraft Procurement (investment) costs identified with mission elements. Training identified to Program 8. Air Base and Materiel Support Activities - See Base Operations element in this program. Factory Missile Training - See Specialized Training in Program 8.

01028970 (A,N) Training (Defensive) (H);;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Air Defense Weapons Center Headquarters Flying Training Squadrons Combat Crew Training Squadrons Interceptor Weapons School Test Squadron Alaskan Air Command Target Force Armament and Electronic Maintenance Organizational Maintenance Field Maintenance Permanent Party Student Authorizations Weapons Firing Ranges

Excludes Aircraft Procurement (investment) costs identified with mission elements. Training identified to Program 8. Air Base and Materiel Support Activities - See Base Operations element in this program. Factory Missile Training - See Specialized Training in Program 8.

0102898F Management Headquarters (Strategic Defensive Forces);X-1-006;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Tactical Air Command (TAC) Headquarters.

Alaskan Air Command (AAC) Headquarters (including Management headquarters Support Activities)

Strategic Air Command (SAC) Headquarters, Tactical Air Command (TAC) Headquarters and Air Force Communications Command (AFCC) Headquarters management functions associated with Strategic Defensive Forces.

Excludes Non-Management headquarters resources (refer DODD 5100.73); and WWMCCS ADP.

01028980 (A,N) Management Headquarters (Strategic Defensive Forces (H);;
Includes manpower authorizations, peculiar and support equipment, necssary facilities and the associated costs specifically identified and measurable to the following:

Aerospace Defense Command (ADC) Headquarters 4608 Support Squadron

Alaskan Air Command Headquarters 5008 Support Squadron

Excludes Non-Management headquarters (refer DODD 5100.73); and WWMCCS ADP.

0102953F Environmental Conservation;X-94-6;;

Conservation includes any action specifically required to protect or enhance natural and cultural resources, preserve access to improved and unimproved training areas, and make necessary repairs to minimize erosion and otherwise rehabilitate DoD lands and waters. This includes complying with federal, state and local codes such as the National Historic Preservation Act, Archaeological Resources Protection Act, Native American Graves Protection and Repatriation Act, Endangered Species Act, Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), and the Sikes Act.

Funds all costs associated with direct support of conservation activities, including:

A. Studies and surveys to identify, inventory, and manage existing natural and cultural resources and evaluation of the resources so identified and inventoried;
B. Management costs, including workyears devoted to natural and cultural activities and preparing natural and cultural resource management plans;
C. Permits for use of natural and cultural resources;
D. Certification of innovative technology for DoD applications;
E. Design, construction, maintenance or repair costs specifically required to restore, improve or maintain natural or cultural resources;
F. Supplies and equipment required to carry out applicable natural and cultural resources management activities;
G. Appropriated funds attributable to fish, wildlife, agricultural outleasing and timber management activities.

Excludes:

A. Base Closure costs associated with these programs;
B. Normal maintenance required for appearance, including landscaping;
C. NEPA costs associated with facilities or weapons systems which are included in facility or weapon system costs;
D. Activities funded in the Defense Business Operations Fund (DBOF), which are charged to the appropriate DBOF program elements.

0102954F Pollution Prevention;X-94-6;;
Pollution prevention is any action that is designed to reduce or eliminate (rather than control or treat) the future impact that an operation may have on the environment (including impacts to the air, surface and ground waters, vegetation and soils) through the source reduction of pollutants, more efficient use of natural resources, recycling, and/or reduced emissions of toxic and other undesirable materials or wastes to the environment.

Funds all costs associated with pollution prevention, including:

A. Certification of innovative technology for DoD applications;
B. Any laws, Executive Orders, or DoD policies that apply specifically to pollution prevention efforts;

C. Initial acquisition of environmentally acceptable replacements for hazardous materials required to comply with pollution prevention standards; (excludes normal replacement of hazardous material with less hazardous materials);
D. Installation level pollution prevention plans, assessments, equipment, and projects;
E. Review and modification of standardized documents for the sole purpose of eliminating or reducing the use of toxic chemicals and/or hazardous materials;
F. Cost of personnel and office operations directly involved with pollution prevention programs (including recycling programs);
G. Any facilities construction costs or maintenance costs primarily required to meet pollution prevention goals;

Excluding:

A. Research and development efforts associated with pollution prevention, which are covered under specific R&D program elements;
B. Normal infrastructure maintenance and repair to keep a system in good working order or system replacement as part of normal replacement cycles;
C. Activities funded in the Defense Business Operations Fund (DBOF), which are charged to the appropriate DBOF program elements;
D. Activities funded as part of a larger system acquisition program, which should be separately identified through cost accounting codes under the main system acquisition program element. For example, pollution prevention efforts included in the design of a new weapon system would be under the PE of the weapon system;
E. Base closure costs associated with these programs;
F. Activities funded within Family Housing program elements.

0102998F Management Headquarters, ADP Support (H);X-95-3;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Management headquarters or direct support organizations which are specifically identified and measurable to the development of operational and planning data in support of the JCS.

Air Force: 4203 Operational Data Processing Sq.

0103121A U.S. Space Command Activities (H);X-92-4;;

01031210 (F,M,N) U.S. Space Command (SPACECOM) Activities (H);X-95-3;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs

specifically identified and measurable to the following activities of the US Space Command:

Combat Operations Staff (COS);

Includes other activities such as funding for exercises, studies, analysis and concept development. Also includes support of USCINCSPACE command post/Backup Facility (BUF) and supporting communications and equipment.

Excludes management headquarters activities - see PE 01032980.

01031220 (A,F,M,N) U.S. Element NORAD Activities;X-6-01;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following activities of the North American Aerospace Defense Command/US Element North American Aerospace Defense Command (NORAD/USELMNORAD):

Combat Operations Staff (COS);

NORAD Regions;

Includes funding for exercises, studies, analysis and concept development.

Excludes management headquarters activities - see PE 01031980.

01031980 (A,F,M,N) Management Headquarters (U.S. Element NORAD);;

01032980 (A,F,M,N) Management Headquarters (U.S. Space Command);X-6-01;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to HQ. USSPACECOM.

Excludes nonmanagement headquarters resources: PE 0102310F NCMC-TW/AA Systems; PE 0102311F NCMC-Space Defense Systems; PE 0102323F TW/AA Interface Network; PE 03031510 WWMCCS ADP.

0201111A Alaska Command (ALCOM) (H);X-92-4;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Headquarters ALCOM, Support Units, and Alternate Headquarters.

Excludes IDHS and SPINTCOM - see appropriate elements in Program 3.

02011110 (F,M,N) Alaska Command (ALCOM) (H);;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Headquarters ALCOM, Support Units, and Alternate Headquarters.

Excludes IDHS and SPINTCOM - see appropriate elements in Program 3.

02011120 (F,M,N) Atlantic Command (LANTCOM) Activities;X-80-009;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

ARMY: Those nonmanagement headquarters resources associated with Army personnel assigned to LANTCOM.

AIR FORCE: LANTCOM Activities: Headquarters Atlantic Command, Antilles Defense Command, and Joint Unconventional Warfare Task Force Atlantic.

NAVY: Support Units: Joint Air Reconnaissance Control Center and Operational Control Support Facility, Atlantic.

Excludes Managment headquarters activities (PE 02012980); IDHS and DSSCS (SPINTCOM) (see Program 3); and LANTCOM ELINT Center (see Program 3).

Excludes activities assigned to 02011370 - Caribbean Contingency Joint Task Force.

0201113D U.S. European Command (USEUCOM) Activities (H);;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

OSD: Resources to be reported by OSD in this program element are restricted to Military Construction, Defense Agencies only.

Excludes Management headquarters activities (Refer DoDD 5100.73, seePE 02013980); IDHS and DSSCS (SPINTCOM) (see Program 3); personnel and costs identified with Airborne Command Post (see Airborne Command Post (CINCEUR) in Program 2); and EUDAC ELINT Center (PE 03010200).

02011130 (A,F,M,N) U.S. European Command (USEUCOM) Activities;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

ARMY: Those EUCOM nonmanagement resources and activities associated with the Army being designated as the administrative/executive agent of EUCOM.

AIR FORCE: USEUCOM activities: Headquarters Support Operations Task Force Europe (HQ SOTFE), U. S. National Military Representative to SHAPE, Special Activities (USEUCOM, and USEUCOM Data Services Center).

NAVY: Support Units: Ground Alternate Command Echelon, Support Operations Task Force, Special Activities and Live Oak U. S. Element.

OSD: Resources to be reported by OSD in this program element are restricted to Military Construction, Defense Agencies only.

Excludes Management headquarters activities (Refer DoDD 5100.73, seePE 02013980); IDHS and DSSCS (SPINTCOM) (see Program 3); personnel and costs identified with Airborne Command Post (see Airborne Command Post (CINCEUR) in Program 2); and EUDAC ELINT Center (PE 03010200).

02011140 (A,F,M,N) U. S. Pacific Command (USPACOM) Activities;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

ARMY: Those nonmanagement headquarters resources associated with Army personnel assigned to PACOM.

AIR FORCE: USPACOM Activities: ADP Systems Support Group, Stars and Stripes, and Airman Aids.

NAVY: Support Units: Alternate Command Post (GUAM), Joint Casualty Resolution Center, and U.S. Delegation Four Party Joint Military Team.

Excludes Management headquarters Activities (PE 02014980); personnel and costs identified with Airborne Command Post (see Airborne Command Post (CINCPAC) in Program 2); IDHS and DSSCS (SPINTCOM) (see Program 3); and IPAC ELINT Center (see Program 3).

02011150 (A,F,M,N) U. S. Southern Command (USSOUTHCOM) Activities;X-6-03;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to USSOUTHCOM Indications and Analsis Center, Joint Task Force Bravo, USSOUTHCOM Special Activities and other nonmanagement operational activities and the following:

ARMY: Those SOUTHCOM nonmanagement resources and activities associated with the Army being designated as the administrative/executive agent of SOUTHCOM.

AIR FORCE: USSOUTHCOM Activities: Airman Aids.

NAVY: Support Units: Alternate Command Post.

Excludes Management headquarters activities (PE 02015980); and IDHS and DSSCS (SPINTCOM) (see Program 3).

0201116A U.S. Readiness Command (REDCOM) Activities (H);X-80-009;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

ARMY: Those nonmanagement headquarters resources associated with Army personnel assigned to REDCOM.

AIR FORCE: U. S. REDCOM Activities: Deployment Cell Element and Flight Section. Those nonmanagement resources associated with Air Force personnel assigned to Rapid Deployment Joint Task Force Headquarters (RDJTF HQ), and those associated with the Air Force being designated as the administrative/executive agent for RDJTF HQ.

NAVY: Support Units: Staff Support Units and Communications Support Units.

Alternate Headquarters Command Center, Advanced Headquarters Command Center, 2 Joint Task Force - 2 Joint Operations Center, 3 Joint Airborne Command Center/Command Posts, USCINC-MEAFSA (O&M Support), Other TD augmentation as assigned.

Excludes Management headquarters activities; IDHS and SPINTCOM (see Program 3); resources associated with Telecommunications and Command Control Program (T&CCP); and all Air Force U. S. Readiness Command communications resources (PE 0201131F), and activities assigned to 02011380 - Rapid Deployment Joint Task Force.

0201116J U.S. Readiness Command (USREDCOM) Activities (H);X-80-009;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

ARMY: Those nonmanagement headquarters resources associated with Army personnel assigned to REDCOM.

AIR FORCE: U. S. REDCOM Activities: Deployment Cell Element and Flight Section. Those nonmanagement resources associated with Air Force personnel assigned to Rapid Deployment Joint Task Force Headquarters (RDJTF HQ), and those associated with the Air Force being designated as the administrative/executive agent for RDJTF HQ.

NAVY: Support Units: Staff Support Units and Communications Support Units.

Alternate Headquarters Command Center, Advanced Headquarters Command Center, 2 Joint Task Force - 2 Joint Operations Center, 3 Joint Airborne Command Center/Command Posts, USCINC-MEAFSA (O&M Support), Other TD aumentation as assigned.

Excludes Management headquarters activities; IDHS and SPINTCOM (see Program 3); resources associated with Telecommunications and Command Control Program (T&CCP); and all Air Force U. S. Readiness Command communications resources (PE 0201131F), and activities assigned to 02011380 - Rapid Deployment Joint Task Force.

02011160 (F,N) U. S. Readiness Command (REDCOM) Activities;X-80-009;

Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

ARMY: Those nonmanagement headquarters resources associated with Army personnel assigned to REDCOM.

AIR FORCE: U. S. REDCOM Activities: Deployment Cell Element and Flight Section. Those nonmanagement resources associated with Air Force personnel assigned to Rapid Deployment Joint Task Force Headquarters (RDJTF HQ), and those associated with the Air Force being designated as the administrative/executive agent for RDJTF HQ.

NAVY: Support Units: Staff Support Units and Communications Support Units.

Alternate Headquarters Command Center, Advanced Headquarters Command Center, 2 Joint Task Force - 2 Joint Operations Center, 3 Joint Airborne Command Center/Command Posts, USCINC-MEAFSA (O&M Support), Other TD augmentation as assigned.

Excludes Management headquarters activities; IDHS and SPINTCOM (see Program 3); resources associated with Telecommunications and Command Control Program (T&CCP); and all Air Force U. S. Readiness Command communications resources (PE 0201131F), and activities assigned to 02011380 - Rapid Deployment Joint Task Force.

02011170 (A,F,M,N) Airborne Command Post (CINCEUR);X-5-07;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Airborne Command Post (CINCEUR), and support of Army personnel assigned to the Airborne Command Post (CINCEUR).

Additionally for Air Force: Ground Entry Points (CINCEUR); RAF Mildenhall flight operations for transient aircraft; C-130 Queen Bee maintenance (RAF Mildenhall, UK); Aircraft battle damage repair (RAF Mildenhall, UK).

Excludes Management headquarters (USEUCOM) resources (P. E. 02013980), and all Navy resources for ABNCP ground communications entry points and circuits.

0201118F Airborne Command Post (CINCPAC) (H);X-95-3;;

02011180 (A,N) Airborne Command Post (CINCPAC);X-3-04;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Airborne Command Post (CINCPAC); Support of Army personnel assigned to the Airborne Command Post (CINCPAC); Additionally for Air Force - Ground Entry Points (CINCPAC).

Excludes management headquarters (PACOM) resources (see PE 02014980); and all Navy resources for ABNCP ground communications entry points and circuits.

02011190 (A,F) Marshall European Center;X-94-5;;

Includes manpower authorizations, peculiar and support equipment, necessary facilities and associated costs specifically identified and measurable to the operation of the Marshall European Center under US European Command in accordance with DOD Directive 5200.34.

0201120F Airborne Command Post (CINCLANT) (H);X-95-3;;

02011200 (A,M,N) Airborne Command Post (CINCLANT);X-3-04;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Airborne Command Post (CINCLANT).

Excludes aircraft maintenance costs which are funded in PE 0207130F under the predominancy rule, and CINCLANT Ground Entry Point support which is funded in PE 0302052F, and management headquarters resources.

0201121F USSOCOM Command and Control Platform;X-9-05;
Includes manpower authorizations and related costs.

Provides O&M and manpower to operate and maintain one aircraft (1 PAA) for airborne command and control of USCINCSOC forces. Provides command, control, and communications capability for USCINCSOC and his staff during deployment and employment of special operations forces (SOF) for contingencies and other missions in all levels of conflict. Supports USCINCSOC in carrying out his responsibilities stated in JCSM-71-87 and title 10, USC to prepare SOF, plan for and conduct special operations activities when directed by NCA.

02011310 (A,F) US Central Command - Communications;X-8-04;
PROGRAM CONCEPT. Provides communications resources to support the joint agencies at MacDill AFB. Includes:

Joint Communications Support Element (JCSE). Provides all O&M funds of the JCSE and the AF portion of procurement and manpower costs of AF personnel assigned to the JCSE. Includes administrative and dedicated DCS and non-DCS costs for garrison support at MacDill AFB and for deployed locations.

1928 Communications Group. Includes O&M, manpower and procurement funding for all communications equipment and personnel required by the 1928 CG personnel in direct support of the joint agencies on MacDill AFB.

US Central Command Communications. Includes O&M and procurement costs for all communications systems supporting HQ US Central Command and all O&M and manpower costs for AF communications personnel assigned to HQ, US Central Command. Includes communications facilities required for internal headquarters communications (administrative computer and telephone system, commander's FM radio net, etc.) and leased dedicated hardware and exercise DCS and non-DCS resources necessary for the support of US Central Command. Maintains command unique ADP systems and process/maintains Central Command Emergency Action Consoles.

Defense Communications Systems - Central Area (DCS-CA). Provides procurement and O&M funds for the Air Force share (50%) for the OSD directed program to establish in-theater Southwest Asia theater tactical communications

capability. System will consist of three major nodes and nine minor nodes that extend the DCS into the Centcom area of responsibility. Provides funds for TRI-TAC, GMF, and compatible tactical C3 assets for the DCS-CA program.

0201132N CINCLANT ABNCP Communications Facilities (H);X-78-003;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: CINCLANT Airborne Command Post ground Communications support, including air/ground entry stations and associated leasing costs; and communications personnel and communications leasing costs associated with the ABNCP ground alert facility located at Langley Air Force Base.

Excludes operation and maintenance of EC-135 airborne command post aircraft; and Navy/Marine Corps personnel and support costs of the Airborne Command Post Joint Battle Staff.

0201133F Airborne Command Center (ABCC) (H);X-5-03;
Includes manpower authorizations, peculiar and support equipment,necessary facilities and the associated costs specifically identified and measurable to resources for procurement, O&M, military construction, and personnel associated with an ABCC capability for Unified (CINC) and/or Task Force Commanders. This program should provide a more flexible and responsive command control and communications (C3) capability beyond that currently available for the command and control of a large range of military operations. The primary mission of the ABCC is envisioned to consist of theater crisis management and world-wide support of conflict below general nuclear war. The concept includes providing a near real-time, continuous C3 capability between the National Command Authorities (NCA) and concerned CINC/Task Force Commander. The resources support acquisition of a fleet of aircraft upon completion of an appropriate RDT&E development and DT&E/IOT&E test program. The fleet size and advanced C3 capability should be designed to fulfill the requirements as defined by the previously completed RDT&E study efforts. The program should provide the capability to respond to most crisis areas within approximately 12 hours with emphasis on crisis, theater warfare, and support of the CINC's reconstitution role during general war.

Excludes resources for RDT&E associated with the ABCC capability (PE 0604749F).

02011340 (A,M) Joint Deployment Agency;X-9-02;

02011340 (F,N) Joint Deployment Agency (H);X-9-02;
Resources include manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Those JDA nonmanagement resources and activities associated with the Air Force being designated as the administrative/executive agency for JDA.

02011350 (A,F,J,N,K) CINC C2 Initiatives;X-91-1;
Includes all costs provided to the commanders of the Unified and Specified commands to upgrade their theater command and control systems by effecting near term, low cost enhancements. Primary benefit of this program is to

permit each command to tailor its command and control systems to its own peculiar mission, geography, and commander's style. These resources provide the CINCs the capability to significantly enhance their command and control systems in response to the dynamic operational situation. The resource estimates, reviewed annually, are developed from anticipated needs in consideration of past experience and requirements.

0201137F Caribbean Contingency Joint Task Force (H);X-5-03;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: Caribbean Contingency Joint Task Force

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02011370 (A,M,N) Caribbean Contingency Joint Task Force;X-5-03;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: Caribbean Contingency Joint Task Force

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02011380 (A,F,M,N) U.S. Central Command (CENTCOM) Activities;X-5-06;
Includes manpower authorizations, peculiar and support equipment, facilities and the associated costs specifically identified and measurable to the following:

U.S. Central Command

0201140J CINC Initiatives;X-91-2;
Provides the Chairman, The Joint Staff, a capability to support CINC projects, contingencies, and other activities which enhance warfighting capabilities, readiness, and sustainability of assigned forces. Specific activities that are funded include: force training, contingencies, selected operations, command and control, joint exercises, humanitarian and civic assistance, military education and training of military and civilian personnel of foreign countries, and expenses of defense personnel for bilateral or regional cooperation programs. Funds appropriated by Congress are O&M; however, Congress provided authority for funds to be obligated on equipment purchases exceeding the $15,000 threshold for O&M.

02011820 (A,K) Counterdrug Anti-Drug Network (ADNET);X-94-2;;
Captures costs funded by the transfer counterdrug appropriation pertaining to development, procurement, and operation of the counterdrug Anti-Drug Network (ADNET). Activities funded in this program element will only be those approved by the Secretary of Defense and supported by the transfer appropriation.

0201183A Counterdrug Command Management System (CMS);X-94-2;;
Captures costs funded by the transfer counterdrug appropriation pertaining to development, procurement, and operation of the counterdrug Command Management System (CMS). Activities funded in this program element will only be those approved by the Secretary of Defense and supported by the transfer appropriation.

0201184F Counterdrug SOUTHCOM Radar Tracker;X-94-2;;

Captures costs funded by the transfer counterdrug appropriation pertaining to development, procurement, and operation of the counterdrug SOUTHCOM Radar Tracker. Activities funded in this program element will only be those approved by the Secretary of Defense and supported by the transfer appropriation.

0201189A Active Army Support to CINC Counternarcotics Activities;X-0-03;
Includes manpower authorizations and related costs as applicable. This program element is for use by Army activities in execution of CINC Counter Narcotics Programs by transfer appropriation from DOD Counternarcotics funds account. Activities funded in this program element will only be those approved by the Secretary of Defense and supported by transfer appropriation.

Excludes baseline activities for counternarcotics resourced in standard service program elements and special operations activities in Major Program 11.

02011890 (A,F,M,N) Counterdrug OPTEMPO;X-94-2;;
Captures the DOD OPTEMPO program (flight hours/ship steaming days/ground training) specifically identified and measurable to the support of the Counterdrug Program. Only projects approved by the Secretary of Defense will be included. Excludes Guard and Reserve OPTEMPO.

02012980 (A,F,M,N) Management Headquarters (LANTCOM);;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and associated costs specifically identified and measurable to the Atlantic Command (LANTCOM): LANTCOM Hq, Caribbean Command Hq., Iceland Defense Force Hq, U.S. Forces, Azores.

Excludes nonmanagement headquarters resources and WWMCCS ADP.

02013980 (A,F,M,N) Management Headquarters (USEUCOM);X-1-006;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: U.S. European Command (USEUCOM) HQ USEUCOM JMP Support Activities

Excludes nonmanagement headquarters resources and WWMCCS ADP

02014980 (A,F,N) Management Headquarters (PACOM);X-1-006;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: U.S. Pacific Command (PACOM), HQ PACOM, JMP Support Activities, HQ, U.S. Forces, Japan (USFJ), HQ U.S. Forces, Korea, (USFJ).

Excludes nonmanagement headquarters resources and WWMCCS ADP.

02015980 (A,F,M,N) Management Headquarters (SOUTHCOM);X-1-006;

Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

U.S. Southern Command: (SOUTHCOM) HQ

Excludes nonmanagement headquarters resources; WWMCCS ADP.

02016980 (A,F,M,N) Management Headquarters (REDCOM) (H);X-92-3;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: U.S. Readiness Command (USREDCOM): USREDCOM HQ

Excludes nonmanagment headquarters resources and WWMCCS ADP.

Excludes resources assigned to 02017980 - Management headquarters (Joint Deployment Agency).

02018980 (A,F,M,N) Management Headquarters (U.S. Central Command);X-4-02;
Manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

U.S. Central Command (CENTCOM) Headquarters

Excludes nonmanagement headquarters resources contained in 02011380 and WWMCCS ADP.

Air defense missile units in Alaska to provide theater-wide air defense missile support.

Headquarters and Headquarters Battery NIKE-HERCULES Battalion

Excludes those TDA units and TDA augmentation to TOE units having a predominately peacetime only mission.

0202011A Divisions;X-0-03;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following Organic TOE units of Army Divisions:

Armored Divisions Cavalry Divisions Airborne Divisions Air Assault Divisions Infantry Divisions (Mechanized,Light, Motorized) and all assigned subordinate brigades, battalions, companies and other subordinate units including Headquarters and Headquarters Company Military Police Unit Aviation Unit Signal Battalion Engineer Battalion Headquarters and Headquarters Companies Brigade Armored Cavalry Unit Headquarters and Headquarters Battery Division Artillery Battalions Headquarters and Headquarters Battery Air Defense Battalion Air Defense Battalion Chaparral/Vulcan Self-Propelled Headquarters and Headquarters Company Composite Service Support Command Adjutant General Unit Administrative Finance Unit Medical Battalion Composite Service Battalion, Support - Transportation Composite Service Battalion, Maintenance Tank Battalions Mechanized Battalions Mechanized Divisions Headquarters and Headquarters Company Mechanized Infantry Brigade Forward Unit Headquarters and Headquarters Company Mechanized Division Military Police Unit Aviation Unit Signal Corps Unit Engineer Battalion Headquarters and Headquarters Companies Brigade Armored Cavalry Unit Headquarters and Headquarters Battery Air Defense Battalion Air Defense Battalion Chaparral/Vulcan Self-Propelled Headquarters and Headquarters Company Composite Service Support Command

Adjutant General Unit Administrative Finance Unit Medical Battalion Composite Service Battalion, Supply - Transportation Composite Service Detachment, Supply - Transportation Composite Service Battalion, Maintenance Tank Battalions.

0202012A Nondivisional Combat Brigades/Regiments;X-0-03;
Includes manpower authorizations, peculiar and support equipment,necessary facilities and the associated costs specifically identified and measurable to the following Organic TOE units of separate brigades/regiments.

Headquarters and Headquarters Troops, Armored Cavalry Regiment; Armored Cavalry Regiment Air Cavalry Units Armored Cavalry Units.

Excludes theater defense force in 0202085A.

0202013A Other Nondivisional Combat Units;X-0-03;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following Organic TOE units of nondivisional combat units:

Headquarters and Headquarters Batteries, Chaparral/Vulcan Battalions, Self-Propelled Headquarters and Headquarters Batteries, Chaparral/Vulcan Battalion Air Defense Battalions, Chaparral/Vulcan Aviation Units Attack Helicopter Engineer Units Float Brigade Engineer Units Mobile Assault Brigade

Field Artillery Battalions LANCE Field Artillery Battalions 8" Howitzer Self-Propelled Field Artillery Battalions Target Acquisition Field Artillery

Battalions 175mm Gun, Self-Propelled Field Artillery Battalions Honest John Field Artillery Battalion 155mm Self-Propelled Field Artillery Battalions 155mm Towed Airborne Battalion Combat Aviation Units Assault Helicopter Separate Engineer Units Headquarters and Headquarters Batteries Field Artillery Group Engineer Battalions Combat (Heavy) Headquarters and Headquarters Batteries Hawk Battalions Improved Hawk Battalions Improved Headquarters and Headquarters Batteries Hawk Battalions Self-Propelled Hawk Battalions Self-Propelled Headquarters and Headquarters Batteries Hawk Battalions Mobile Hawk Battalions Mobile Headquarters and Headquarters Battery Hawk Battalions Improved TRIAD Hawk Battalions Improved TRIAD.

0202014A Tactical Support - Other Units;X-0-03;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following Other support TOE units:

Headquarters and Headquarters Companies Corps Headquarters and Headquarters Company Aviation Group Combat Headquarters and Headquarters Companies Aviation Battalion Aviation Unit Army Aviation Unit Corps Aviation Detachment (Flight Operations) Aviation Units Assault Support Helicopter Aviation Unit Heavy Helicopter Headquarters and Headquarters Companies Engineer Brigade Combat Engineer Units Light Equipment Engineer Units Panel Brigade Military Police Battalions Army Military Police Units Corps Engineer Units Headquarters and Headquarters Detachment Military Police Brigade Headquarters and Headquarters Company Army Labor Service Agency - USAREUR U.S. Army Liaison Group.

Excludes theater defense force; Industrially funded transportation support units included in Program 4.

0202015A Tactical Support - Communications Units;X-0-03;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: Communications TOE units (non DCS support mission) Headquarters and Headquarters Company Signal Brigade Army Signal Battalions Combat Area Signal Battalions Corps Signal Unit Cable Construction Signal Units Medium Headquarters Operations Signal Unit Brigade Support Signal Unit Communications.

0202016A Tactical Support;X-95-1;
Intelligence Units; Includes manpower authorizations/funding, operational/maintenance funding of peculiar and support equipment, necessary facilities, and the associated costs specifically identified and measured to the following: Intelligence TOE units above division.

Excludes military intelligence units included in Program 3 (GDIP & NFIP).

0202017A Tactical Support - Medical Units;X-0-03;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Provide for the operation of medical TOE units.

Headquarters and Headquarters Detachments Medical Group Combat Support Hospitals Medical Units Ambulance Medical Units Air Ambulance Medical Units Helicopter Ambulance Medical Units Equipment Maintenance Medical Unit Entomology.

Excludes medical units included in Program 8.

0202018A Tactical Support - Logistics Units;X-0-03;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following Logistics TOE/TDA units:

Combat Equipment Group Composite Service Units Heavy Equipment Maintenance GS Composite Service Units Light Equipment Maintenance GS Headquarters and

Headquarters Detachments Composite Service Battalion Maintenance GSA Composite Service Units Collection Classification Salvage Composite Service Units Light Maintenance DS Composite Service Units Support - Service DS Composite Service Unit Maintenance Management Composite Service Unit ADP Type B Composite Service Units Aviation Support Composite Service Units Maintenance Support Rear DS Composite Service Unit Maintenance - Supply Composite Service Unit Aviation Service Headquarters and Headquarters Company Logistics Support Brigade Army Headquarters and Headquarters Company Logistics Support Command Headquarters and Headquarters Detachments Engineer Service Battalions Engineer Units Engineer Unit Construction Support Engineer Unit Depot Engineer Unit Heavy Maintenance Engineer Units Service Administration Engineer Field Operations Action Unit

MRLOGAEUR Headquarters and Headquarters Companies Ordnance Group Ammunition DS/GS Headquarters and Headquarters Companies Ordnance Battalion Ammunition DS/GS Headquarters and Headquarters Companies Ordnance Battalion Ammunition DS Ordnance Units Ammunition DS/GS Ordnance Units Ammunition Conventional Ordnance Units Guided Missile GS Ordnance Unit Guided Missile Maintenance Ordnance Units Special Ammunition DS Ordnance Units Special Ammunition DS/GS Ordnance Unit Ballistics Technical Service Ordnance Units Explosive Disposal Ordnance Unit Explosive Disposal Control Ordnance Units Rocket and Missile.

0202019A Tactical Support - Administrative Units;X-0-03;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following Administrative TOE units:

Headquarters and Headquarters Detachment Personnel and Administration Battalion Field Army Adjutant General Army Bands 44 Piece Adjutant General Units Postal Adjutant General Units Replacement Reg Finance Units Disbursing Headquarters and Headquarters Detachment Military Police Group Military Police Units Military Police Unit Confinement Facility Military Police Units Physical Security Military Police Unit Administrative Military Police Unit Guard Military Police Units Service Military Police Units Correctional Facility Military Police Units Security Military History Units.

Excludes nondeployable Army Bands and nondeployable MP MTOE units resourced in Base Operations PE.

0202020A Tactical Support - Maintenance of Tactical Equipment;X-0-03;
Includes manpower authorizations, peculiar and support equipment, specifically identified and measurable to the following: Direct Support/General Support (DS/GS) Maintenance of the following types of tactical equipment; Combat Vehicles, Missiles, Tactical Aircraft, Tactical Vehicles, Construction Equipment, Information Processing Equipment, Watercraft and Associated Equipment, Weapons Armament, General Equipment, Food Service Equipment, Chaplain and Army Band Equipment, Laundry, bath, graves registration, and clothing renovation equipment. Includes equipment that is (a) directly related to mission performance, (b) is recorded on organization Property records, and (c) would normally be deployed with using units.

Excludes DS/GS maintenance of TDA (administrative) equipment which is reported under base operations program elements.

0202024A Tactical Support - MI Units (Non-TIARA);X-95-1;
Includes non-TIARA procurement associated with common ground/air equipment issued to units shown in OSDPE 0202016A.

Primarily funds aviation support, modifications, communications support and command/control for common aviation systems for these units. In addition, funds airframes, trailers, and track ed vehicles used as system carriers for non-TIARA IEW systems, and modifications for this equipment (e.g., night vision, chemical sensor, and mine detection devices).

Excludes all procurement funding associated with TIARA systems shown at OSDPE 0208026A.

0202025A Tactical Support - DCS Network;X-0-03;

Includes manpower authorizations, peculiar and support equipment, necessary facilities, and associated costs specifically identified and measurable to the following:

The operation of tactical units supporting the DCS mission and the theater command/control architecture. These units serve as key elements of the theater command and control architecture. Includes TDA augmentation to the MTOE units.

Excludes non-support to DCS (0303126A).

02020260 (A,F,N,M) Joint Tactical Switched Systems;X-94-2;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities, and associated costs specifically identified and measurable to acquiring and providing joint tactical switch operations in joint force operations.

For the Army, this includes DOD Executive Agent responsibilities for developing and ensuring joint interoperability concepts.

Excludes military construction costs.

0202027A Peacetime Unit Augmentation;X-94-2;;
Includes manpower, equipment, facilities and funding required by Army tactical units, especially forward deployed units, to perform functions during peacetime and transition to war. These functions are either discontinued in wartime or are provided by deployment or activation of supporting force structure. Examples include reenlistment counselors, signal teams, and OPTEMPO functions.

Excludes tactical support functions performed by units which transition to Bundeswehr Reserve support in Europe.

02020560 (A,M,N) Environmental Compliance;X-94-6;;
Environmental Compliance includes actions to achieve and maintain full and sustained compliance with federal, state, and local environmental laws and regulations, Executive Orders, host nation regulations and DoD policies. Applies to workyears, training, travel, supplies, permits, fees, support equipment, service, and facilities (if the primary purpose is to comply with environmental standards) and the associated costs specifically identified and measurable to environmental compliance.

Funds all costs related to environmental compliance, including:

A. Recurring costs of environmental program management, daily operations and services, permits, fees, certifications, studies, and licenses; civilian workyears; education and training of environmental programs; hazardous waste management and disposal; sampling, analysis, monitoring and surveys; supplies, equipment, and travel.
B. Nonrecurring costs of projects/services required to bring DoD into compliance with environmental standards or comply with a notice of violation (Class I); to prevent DoD from failing to meet impending environmental standards (Class II); or to enhance the environment beyond legal requirements (Class III);

C. Pest management programs to meet FIFRA standards for pest management and pesticide storage, handling or use standards;
D. Overseas cleanup, as well as overseas compliance, efforts; and
E. Certification of innovative technology for DoD applications.

Excluding:

A. Efforts funded under Defense Environmental Restoration Account, Conservation, Pollution Prevention, BRAC or Occupational Health and Safety auspices;
B. Research and Development efforts associated with compliance, which are covered under specific R&D program elements;
C. Normal maintenance and repair to keep systems in working order, system replacement as part of normal replacement cycle; and normal installation operations (i.e. solid waste disposal including tipping fees, landfill operations, etc.); normal wastewater treatment plants, both domestic and industrial, which are appropriately included in base operations;
D. Upgrade/alteration of an industrial process undertaken for other than environmental purposes;
E. Environmental certification/licenses funded separately from mandatory requirements and training;
F. Routine pest control applications required to preserve structural integrity, properly charged to RPM and health applications, such as, mosquito control.

0202076A Minor Construction (RPM);X-91-3;;
Includes manpower authorizations, peculiar and support equipment, necessary faclities and the associated cost specifically identified and measurable to the following:

All construction costing less than the statutory maximum amount for a Minor Military Construction project as established by section 2805 of title 10 U.S.C at fixed installations.

0202078A Maintenance and Repair (RPM);X-91-3;;
Includes manpower authorizations, peculiar and support equipment, necessary faclities and the associated cost specifically identified and measurable to the following:

Maintenance and repair of real property, i.e., utilities, buildings, other facilities, pavements, (roads, parking areas, runways, etc.), land, and grounds. Includes, but not limited to, such things as repair of electrical circuitry, heating and air conditioning, water piping, and routine maintenance work such as caulking, painting, etc. at fixed installations.

0202079A Real Property Services (RPS);X-94-7;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs of

utility plant operations, purchased utilities, air conditioning and refrigeration, utility fuels, fire protection, crash rescue, snow removal and ice alleviation, entomological services, window glass replacement, elevator maintenance/inspection, custodial services, refuse collection and disposal, sewer and waste systems, rental of real property, facility engineering and public works management, other installation engineering services and other annual service requirements performed in-house or by contract.

0202081A Theater Air Defense Forces;X-0-03;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Air defense missile units to provide theater-wide air defense.

Headquarters and Headquarters Batteries Nike-Hercules Battalions Nike-Hercules Battalions Headquarters and Headquarters Battery Field Artillery Group Headquarters and Headquarters Batteries Air Defense Groups.

0202082A Theater Missile Forces (H);X-92-4;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Surface-to-surface missile units to provide theater-wide, surface-to-surface missile support.

Headquarters and Headquarters Batteries Pershing Battalions Pershing Battalions Signal Unit Support Headquarters and Headquarters Company Logistics Command A Infantry Battalion Separate Engineer Unit Atomic Demolition.

0202085A Theater Defense Forces;X-0-03;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Those units to provide for the initial defense of selected theaters. The forces provided are not normally available for other missions. Should additional forces be required, augmentation from the division forces is necessary.

0202086A Special Mission Support (H);X-92-4;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Those units to provide support as appropriate to special mission forces. Ordnance Unit Explosive Disposal Ordnance Unit Rocket and Missile Support Adjutant General Postal Unit Signal Battalion Air Defense Military Police Unit.

0202089A Communications Support;X-0-03;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs

specifically identified and measurable to the following:

Communications units to provide support as appropriate to special mission forces.

Headquarters and Headquarters Detachments Signal Battalion Signal Unit Medium Headquarters Operations Signal Unit Pictorial Signal Unit Transportable Operations Signal Battalion Air Defense.

0202091A Intelligence Support;X-0-03;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurableto the following:

Those units providing other theater intelligence support (other than division or special mission) units and having a predominately peacetime only mission. Only TDA units should be included in this program element including Army Security Intelligence Support Element, Berlin.

0202092A Special Activities;X-0-03;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Special activity-type units providing other theater support to special mission units in Europe and having a predominately peacetime only mission. Only TDA units and contract support should be included in this program element.

0202093A Force-Related Training;X-0-03;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

The conduct of force-related training. Area Schools (Other than dependent) NCO Academies Headquarters and Headquarters Company, 7th Army Training Center Aviation Safety and Standardization Board Combat Support Training Center - Europe TD Augmentation as Assigned.

Excludes JCS directed and coordinated exercises (see program element 0202011A), and unit training and field exercises.

0202094A Real Property Maintenance (H);X-93-2;;
Includes Manpower authorizations, peculiar and support equipment, specifically identified and measurable to the following:

Real property maintenance at fixed installations. Maintenance and Repair of all real property, utilities systems, buildings, other facilities, pavements (roads, parking areas, etc.), land (grounds), Minor construction (with other than military construction funds).

Includes all resources in functional categories 9,10, 11 and 12 as defined in DoD Instruction 7220.20. Also

includes all resources (except manpower and military pay) used by groups/units assigned to specific BOS tasks on an ad hoc basis such as Army engineer units assigned to repair/construct facilities, roads, parking areas, etc., even if the work is classified as A military unit training project.

Excludes costs of maintaining family housing. See PE 08087460, Family Housing Maintenance. Excludes Environmental Compliance (separate PEs).

0202096A Base Operations;X-95-1;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following functional categories of effort:

Administration: Installation Headquarters Administration and Command (including squadron level responsible for Base Operations), Installation Comptroller Services, Installation ADP Services, Installation Information Activities, Installation Legal Activities, Civilian Personnel Administration, Installation Military Personnel, Administration Installation Printing and Reproduction, Installation Safety, Installation Management Analysis/Management Engineering.

Retail Supply Operations: Installation Supply Activities, Installation Procurement Operation, Installation Storage Activ ities.

Maintenance of Installation Equipment: (Includes maintenance of administrative aircraft, vehicles and equipment; but excludes maintenance of tactical equipment, combat vehicle and mission aircraft).

Other Base Services: Installation Transportation Activities, Installation Training (excludes Troop training and tactical exercise). Installation Physical and Police Activities, Laundry and Dry Cleaning (for troop support and other appropriated fund activities). Installation AirField/Air Base Operations (control tower, weather, flight service, etc.) Installation Restoration.

Bachelor Housing Operations and Furnishing: (management; housing assignment, care of quarters, provisions, care preservation and maintenance of furnishings, etc.)

Other Personnel Support: Food Service; Social Action; Community Service; Chaplain Services; Bands; Morale, Welfare and Recreation.

Excluded are the following functional categories which are a part of the standard definition of Base Operating Support, but are reported under separate PEs: Real Property Services, Minor Construction, Maintenance and Repair, Base Communications, Commissary Operations (Retail and Troop Issue), Station Hospitals, Medical and Dental Clinics and Dispensaries, Family Housing.

0202098A Management Headquarters;X-0-03;
Includes manpower authorization, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

HQ US Forces Command, HQ 3d United States Army, HQ US Army, Europe, HQ Eighth United States Army, HQ US Army Military District of Washington, HQ US Army Japan, HQ US Army Western Command, HQ US Army South. Excludes nonmanagement headquarters resources. Refer DoDD 5100.73. WWMCCS ADP

0202099A Army Claims;X-94-2;;
Includes funding, civilian manpower, equipment and automation support directly identified and measurable to the following: claims of civilian and military personnel, civilian Marine employees, tort claims, foreign, military and admiralty claims, and claims and payments made under international or status of forces agreements

Excludes service support to Defense Legal Services which is provided under PE 0901505A and Staff Judge Advocate activities which are provided under base operations support.

0202111A Divisions (Alaska) (H);X-9-01;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Organic TOE units of Army divisions in Alaska having the primary mission of supporting military operations in Alaska, and other areas as required.

Infantry Division Headquarters and Headquarters Company Infantry Division; Military Police Unit; Aviation Battalion Combat; Signal Battalion; Engineer Battalion; Headquarters and Headquarters Companies Infantry Brigade; Air Cavalry Unit; Headquarters and Headquarters Battery Division Artillery; Artillery Battalions; Headquarters and Headquarters Battery Air Defense Battalion; Air Defense Battalion Chaparral/Vulcan Self-Propelled; Headquarters and Headquarters Company Composite Service Support Command; Adjutant General Unit Administrative; Finance Unit; Medical Battalion; Composite Service Battalion Supply - Transportation; Composite Service Battalion Maintenance; Tank Battalions; Mechanized Battalions.

0202181A Alaska Theater Air Defense Forces (H);;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Air defense missile units in Alaska to provide theater-wide air defense missile support.

Headquarters and headquarters Battery NIKE-HERCULES Battalion.
NIKE-HERCULES Battalion.

Excludes those TDA units and TDA augmentation to TOE units having a predominately peacetime only mission.

0202185A Alaska Defense Forces (H);;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: Those units in Alaska to provide for the initial defense of selected areas. The forces provided are not normally available for other missions. Should additional forces be required, augmentation from the division forces is necessary.

Infantry Brigade Separate LIB Infantry Battalions Headquarters and Headquarters Company Infantry Separate Light

Engineer Unit Artillery Battalion Composite Service Battalion support Air Cavalry Unit Aviation Unit Assault Helicopter Separate Headquarters and Headquarters Company Aviation Battalion Aviation Unit Assault Support Helicopter Aviation Unit Heavy Helicopter Operations Engineer Units Construction Engineer Unit Utilities Military Police Units Service Ordnance Unit Explosive Disposal Ordnance Unit Guided Missile DS Transportation Unit Aircraft Maintenance GS

Excludes medical units included in Program 8. TDA units and TDA augmentation to TOE units having a predominately peacetime only mission.

0202189A Communications Support (H);X-7-05;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: Those communications units in Alaska having the primary mission of supporting the special mission forces in Alaska.

Headquarters and Headquarters Detachment Signal Battalion Signal Unit Transmission Signal Unit Terminal Operations

Excludes those TDA units and TDA augmentation to TOE units having a predominately peacetime only mission.

0202191A Tactical Support - Maintenance of Tactical Equipment (Alaska) (H);X-7-02;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following at fixed Program 2 installations in Alaska:

Direct Support/General Support (DS/GS) Maintenance of the following types of tactical equipment: Combat Vehicles, Missiles, Tactical Aircraft, Tactical Vehicles, Construction Equipment, Information Processing Equipment, Watercraft and Associated Equipment, Weapons Armament, General Equipment, Food Service Equipment, Chaplain and Army Band Equipment, and Laundry, bath, graves registration, and clothing renovation equipment.
Includes equipment that is (a) directly related to mission performance, (b) is recorded on organization property records, and (c) would normally be deployed with using units.

Excludes DS/GS maintenance of TDA (administrative) equipment which is reported under base operations program elements.

0202192A Special Activities (Alaska) (H);X-9-05;
Includes manpower authorizations and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Provide for special activities operating directly in Alaska, and those units in Alaska providing other theater support to divisional and special mission units.

0202193A Force-Related Training (H);;
Includes manpower authorizations, peculiar and support equipment facilities and the associated costs specifically identified and measurable to the following:

The conduct of force-related training:

Northern Warfare Training Center

0202311A Divisions - Europe;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: Organic TOE units of Army Divisions in Europe having the mission of assisting the NATO allies in the conduct of operations in NATO, maintaining a U.S. presence in Europe, and support any additional forces that may be deployed to Europe.

Armored Divisions Headquarters and Headquarters Company Armored Division Military Police Unit Aviation Unit Signal Battalion Engineer Battalion Headquarters and Headquarters Companies Brigade Armored Cavalry Unit Headquarters and Headquarters Battery Division Artillery Artillery Battalions Headquarters and Headquarters Battery Air Defense Battalion Air Defense Battalion Chaparral/Vulcan Self-Propelled Headquarters and Headquarters Company Composite Service Support Command Adjutant General Unit Administrative Finance Unit Medical Battalion Composite Service Battalion, Supply - Transportation Composite Service Battalion, Maintenance Tank Battalions Mechanized Battalions

Mechanized Divisions Headquarters and Headquarters Company Mechanized Infantry Brigade Forward Unit Headquarters and Headquarters Company Mechanized Division Military Police Unit Aviation Unit Signal Corps Unit Engineer Battalion Headquarters and Headquarters Companies Brigade Armored Cavalry Unit Headquarters and Headquarters Battery Air Defense Battalion Air Defense Battalion Chaparral/Vulcan Self-Propelled Headquarters and Headquarters Company Composite Service Support Command Adjutant General Unit Administrative Finance Unit Medical Battalion Composite Service Battalion, Supply - Transportation Composite Service Detachment, Supply - Transportation Composite Service Battalion, Maintenance Tank Battalions

Excludes TDA units and TDA augmentation to TOE units.

0202312A Nondivisional Combat Brigades/Regiments;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: Organic TOE units of separate brigades/regiments in Europe (other than Berlin) having the primary mission of direct support of the divisions in Europe.

Headquarters and Headquarters Troops, Armored Cavalry Regiment; Armored Cavalry Regiment Air Cavalry Units Armored Cavalry Units

Excludes Berlin defense force. TDA units and TDA augmentation to TOE units.

0202313A Other Nondivisional Combat Units;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: Organic TOE units of nondivisional combat units in Europe (other than Berlin) having the primary mission of direct support of the divisions in Europe.

Headquarters and Headquarters Batteries, Chaparral/Vulcan Battalions, Self-Propelled Headquarters and Headquarters Batteries, Chaparral/Vulcan Battalion Air Defense Battalions, Chaparral/Vulcan Aviation Units Attack Helicopter Engineer Units Float Bridge Engineer Units Mobile Assault Bridge Field Artillery Battalions LANCE Field Artillery

Battalions 8" Howitzer Self-Propelled Field Artillery Battalions Target Acquisition Field Artillery Battalions 175mm Gun, Self-Propelled Field Artillery Battalions Honest John Field Artillery Battalion 155mm Self-Propelled Field Artillery Battalions 155mm Towed Airborne Battalion Combat Aviation Units Assault Helicopter Separate Engineer Units Headquarters and Headquarters Batteries Field Artillery Group Engineer Battalions Combat (Heavy) Headquarters and Headquarters Batteries Hawk Battalions Improved Hawk Battalions Improved Headquarters and Headquarters Batteries Hawk Battalions Self-Propelled Hawk Battalions Self-Propelled Headquarters and Headquarters Barreries Hawk Battalions Mobile Hawk Battalions Mobile Headquarters and Headquarters Battery Hawk Battalions Improved TRIAD Hawk Battalions Improved TRIAD

Excludes TDA units and TDA augmentation to TOE units.

0202314A Tactical Support - Other Units;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: Other support TOE units in Europe (other than Berlin) having the primary mission of supporting the division forces in Europe.

Headquarters and Headquarters Companies Corps Headquarters and Headquarters Company Aviation Group Combat Headquarters and Headquarters Companies Aviation Battalion Aviation Unit Army Aviation Unit Corps Aviation Detachment (Flight Operations) Aviation Units Assault Support Helicopter Aviation Unit Heavy Helicopter Headquarters and Headquarters Companies Engineer Brigade Combat Engineer Units Light Equipment Engineer Units Panel Bridge Military Police Battalions Army Military Police Units Corps Engineer Units Headquarters and Headquarters Detachment Military Police Brigade Headquarters and Headquarters Company Army Labor Service Agency - USAREUR U.S. Army Liaison Group

Excludes Berlin defense force; other support units included in Programs 4, 7 and 8; and TDA units and TDA augmentation to TOE units.

0202315A Tactical Support - Communications Units;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: Communications TOE units in Europe (other than Berlin) having the primary mission of supporting the division forces in Europe.

Headquarters and Headquarters Company Signal Brigade Army Signal Battalions Combat Area Signal Battalions Corps Signal Unit Cable Construction Signal Units Medium Headquarters Operations Signal Unit Brigade Support Signal Unit Communications

Excludes communications units included in Program 3; Berlin defense force; and TDA units and TDA augmentation to TOE units.

0202316A `Tactical Support - Intelligence Units;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: Intelligence TOE units in Europe (other than Berlin) having the primary mission of direct support of the division forces in Europe.

Engineer Battalion Topographic Army Engineer Unit Map Distribution Engineer Topographic Center Engineer Unit Topo

Intelligence Engineer Unit Terrain Military Intelligence Battalion Air Reconnaissance Support Field Army Military Intelligence Unit Aerial Surveillance Military Intelligence Unit Division Armor/Infantry/Mechanized Military Intelligence Units Corps Military Intelligence Battalion Headquarters and Headquarters Company Army Security Group Army Security Unit Aviation (Fwd) Army Security Units Operations (Fwd) Headquarters and Headquarters Companies Army Security Battalions Army Security Units Control and Processing Army Security Unit Operations (Rear) Army Security Units Division Support Infantry/Armor/Mechanized U.S. Army Intelligence Center Europe Army Security Unit Brigade Support, Armored Cavalry Regiment Army Security Unit Special Operations Company

Excludes military intelligence units included in Program 3 and TDA units and TDA augmentation to TOE units.

0202317A Tactical Support - Medical Units;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: Provide for the operation of medical TOE units in Europe having the primary mission of supporting the division forces in Europe.

Headquarters and Headquarters Detachments Medical Group Combat Support Hospitals Medical Units Ambulance Medical Units Air Ambulance Medical Units Helicopter Ambulance Medical Units Equipment Maintenance Medical Unit Entomology

Excludes medical units included in Program 8 and TDA units and TDA augmentation to TOE units.

0202318A Tactical Support - Logistics Units (Europe);X-1-001;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following Logistics TOE/TDA units in Europe having the primary mission of supporting the division forces and Berlin Brigade in Europe.

Combat Equipment Group Composite Service Units Heavy Equipment Maintenance GS Composite Service Units Light Equipment Maintenance GS Headquarters and Headquarters Detachments Composite Service Battalion Maintenance GSA Composite Service Units Collection Classification Salvage Composite Service Units Light Maintenance DS Composite Service Units Supply - Service DS Composite Service Unit Maintenance Management Composite Service Unit ADP Type B Composite Service Units Aviation Support Composite Service Units Maintenance Support Rear DS Composite Service Unit Maintenance - Supply Composite Service Unit Aviation Service Headquarters and Headquarters Company Logistics Support Brigade Army Headquarters and Headquarters Company Logistics Support Command Headquarters and Headquarters Detachments Engineer Service Battalions Engineer Units Engineer Unit Construction Support Engineer Unit Depot Engineer Unit Heavy Maintenance Engineer Units Service Administration Engineer Field Operations Action Unit MR LOGAEUR Headquarters and Headquarters Companies Ordnance Group Ammunition DS/GS Headquarters and Headquarters Companies Ordnance Battalion Ammunition DS/GS Headquarters and Headquarters Companies Ordnance Barralion Ammunition DS Ordnance Units Ammunition DS/GS Ordnance Units Ammunition Conventional Ordnance Units Guided Missile GS Ordnance Unit Guided Missile Maintenance Ordnance Units Special Ammunition DS Ordnance Units Special Ammunition DS/GS Ordnance Unit Ballistics Technical Service Ordnance Units Explosive Disposal Ordnance Unit Explosive Disposal Control Ordnance Units Rocket and Missile

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0202319A Tactical Support - Administrative Units;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: Administrative TOE units in Europe (other than Berlin) having the primary mission of supporting the division forces in Europe.

Headquarters and Headquarters Detachment Personnel and Administration Battalion Field Army Adjutant General Army Bands 44 Piece Adjutant General Units Postal Adjutant General Units Replacement Reg Finance Units Disbursing Headquarters and Headquarters Detachment Military Police Group Military Police Units Military Police Unit Confinement Facility Military Police Units Physical Security Military Police Unit Administrative Military Police Unit Guard Military Police Units Service Military Police Units Correctional Facility Military Police Units Security Military History Units

Excludes TDA units and TDA augmentation to TOE units.

0202320A Tactical Support - Maintenance of Tactical Equipment (Europe);X-7-02;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following at fixed Program 2 installations in Europe:

Direct Support/General Support (DS/GS) Maintenance of the following types of tactical equipment: Combat Vehicles, Missiles, Tactical Aircraft, Tactical Vehicles, Construction Equipment, Information Processing Equipment, Watercraft and Associated Equipment, Weapons Armament, General Equipment, Food Service Equipment, Chaplain and Army Band Equipment, Laundry, bath, graves registration, and clothing renovation equipment.
Includes equipment that is (a) directly related to mission performance, (b) is recorded on organization Property records, and (c) would normally be deployed with using units.

Excludes DS/GS maintenance of TDA (administrative) equipment which is reported under base operations program elements.

0202325A Tactical Support to DCS Networks (Europe);X-9-04;
Includes manpower authorizations, peculiar and support equipment, necessary facilities, and associated costs specifically identified to the following:

The operation of tactical units supporting the DCS mission and the theater command/control architecture. These units serve as key elements of the theater command and control architecture. Includes TDA augmentation to these MTOE units.

Excludes non-unit support to DCS (0303126A).

0202381A Europe Air Defense Forces;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: Air defense missile units in Europe to provide theater-wide air defense.

Headquarters and Headquarters Batteries Nike-Hercules Battalions Nike-Hercules Battalions Headquarters and Headquarters Battery Field Artillery Group Headquarters and Headquarters Batteries Air Defense Groups

Excludes those TDA units and TDA augmentation to TOE units having a predominately peacetime only mission.

0202382A Europe Missile Forces;;

Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: Surface-to-surface missile units in Europe to provide theater-wide surface-to-surface missile support. Includes those units assigned to Southern European Task Force (SETAF).

Headquarters and Headquarters Batteries Pershing Battalions Pershing Battalions Signal Unit Support Headquarters and Headquarters Company Logistics Command A Infantry Battalion Separate Engineer Unit Atomic Demolition

Excludes light air defense (Chaparral/Vulcan). Medical units included in Program 8. Ordnance units included in Program 10. Those TDA units and TDA augmentation to TOE units having a predominately peacetime only mission.

0202383A Special Operations Forces;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: Special Forces, psychological operations and civil affairs units in Europe.

Special Forces Battalion Group Support Special Forces Battalion

Excludes special operations forces units included in Program 10 and those TDA units and TDA augmentation to TOE units having a predominately peacetime only mission.

0202384A Support to Other Services;;
Includes manpower authorizations, peculiar and support equipment facilities and the associated costs specifically identified and measurable to the following: Those units in Europe to provide support as appropriate to other Services.

Engineer Battalion Combat (Heavy)

Excludes Army units temporarily supporting Services. Army support for Defense Agencies or DOD and joint and combined activities. Those TDA units and TDA augmentation to TOE units having a predominately peacetime only mission.

0202385A Berlin Defense Forces;X-80-009;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: Those units in Europe to provide for the initial defense of selected areas. The forces provided are not normally available for other missions. Should additional forces be required, augmentation from the division forces is necessary.

Infantry Brigade Berlin Engineer Unit Artillery Unit Armored Unit Infantry Battalions Detachment A Adjutant General Army Band 44 Piece Military Police Unit Service Company Support Detachment Signal Company

Excludes military intelligence units included in Program 3. Medical units included in Program 8. Army security agency units. Those TDA units and TDA augmentation to TOE units having a predominately peacetime only mission.

0202386A Special Mission Support;;

Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: Those units in Europe to provide support as appropriate to special mission forces.

Ordnance Unit Explosive Disposal Ordnance Unit Rocket and Missile Support Adjutant General Postal Unit Signal Battalion Air Defense Military Police Unit

Excludes those TDA units and TDA augmentation to TOE units having a predominately peacetime only mission.

0202389A Communications Support;X-7-05;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: Communications units in Europe (other than Berlin) to provide support as appropriate to special mission forces.

Headquarters and Headquarters Detachments Signal Battalion Signal Unit Large Headquarters Operations Signal Unit Medium Headquarters Operations Signal Unit Pictorial Signal Unit Transportable Operations Signal Battalion Air Defense

Excludes those TDA units and TDA augmentation to TOE units having a predominately peacetime only mission.

0202391A Intelligence Support;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: Those units in Europe providing other theater intelligence support (other than division or special mission) units and having a predominately peacetime only mission. Only TDA units should be included in this program element including Army Security Intelligence Support Element, Berlin.

0202392A Special Activities;X-0-03;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: Special activity-type units providing other theater support to special mission units in Europe and having a predominately peacetime only mission.

Only TDA units and Contract Support should be included in this program element.

0202393A Force-Related Training;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: The conduct of force-related training.

Area Schools (Other than dependent) NCO Academies Headquarters and Headquarters Company, 7th Army Training Center Aviation Safety and Standardization Board Combat Support Training Center - Europe TD Augmentation as Assigned

Excludes JCS directed and coordinated exercises (see program element 0208011A), and unit training and field exercises.

0202394A Real Property Maintenance - Europe (H);X-93-2;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Real property maintenance at fixed Program 2 installations in Europe

Maintenance and Repair of all real property - utilities systems - buildings - other facilities - pavements (roads, parking areas, etc.) - land (grounds)

Minor construction (with other than military construction funds).

Operation of utilities for all real property.

Other engineering support. - fire protection - custodial services - entomology services - refuse collection and disposal - snow removal and ice alleviation - rental of real property, excluding payments to GSA - other installation engineering services

Includes all resources in functional categories 9, 10, 11 and 12 as defined in DoD Instruction 7220.20. Also includes all resources (except manpower and military pay) used by groups/units assigned to specific BOS tasks on an ad hoc basis such as Army engineer units assigned to repair/construct facilities, roads, parking areas, etc., even if the work is classified as a military unit training project.

Excludes costs of maintaining family housing. See P.E. 08087460, Family Housing Maintenance.

0202395A Communications Support;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: Those units providing other communications theater support to divisional and special mission units in Europe and having a predominately peacetime only mission. Only TDA units should be included in this program element.

0202396A Base Operations - Europe (H);X-95-3;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following functional categories of effort:

Administration: Installation Headquarters Administration and Command (including squadron level responsible for Base Operations), Installation Comptroller Services, Installation ADP Services, Installation Information Activities, Installation Legal Activities, Civilian Personnel Administration, Installation Military Personnel, Administration Installation Printing and Reproduction, Installation Safety, Installation Management Analysis/Management Engineering.

Retail Supply Operations: Installation Supply Activities, Installation Procurement Operation, Installation Storage Activ ities.

Maintenance of Installation Equipment: (Includes maintenance of administrative aircraft, vehicles and equipment;

but excludes maintenance of tactical equipment, combat vehicle and mission aircraft).

Other Base Services: Installation Transportation Activities, Installation Training (excludes Troop training and tactical exercise). Installation Physical and Police Activities, Laundry and Dry Cleaning (for troop support and other appropriated fund activities). Installation AirField/Air Base Operations (control tower, weather, flight service, etc.) Installation Restoration.

Bachelor Housing Operations and Furnishing: (management; housing assignment, care of quarters, provisions, care preservation and maintenance of furnishings, etc.)

Other Personnel Support: Food Service; Social Action; Community Service; Chaplain Services; Bands; Morale, Welfare and Recreation.

Excluded are the following functional categories which are a part of the standard definition of Base Operating Support, but are reported under separate PEs: Real Property Services, Minor Construction, Maintenance and Repair, Base Communications, Commissary Operations (Retail and Troop Issue), Station Hospitals, Medical and Dental Clinics and Dispensaries, Family Housing.

0202398A Management Headquarters (Europe);X-1-006;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

U.S. Army, Europe/7th Army (USAREUR/7AR) Hq Staff Support, Europe, and 7th Army Elements Southern European Task Force Hq (SETAF)

Excludes nonmanagement headquarters resources. Refer DoDD 5100.73. WWMCCS ADP.

0202399A Administrative Support;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: Those units providing other administrative theater support to divisional and special mission units in Europe and having a predominately peacetime only mission. Only TDA units should be included in this program element.

0202411A Divisions (Pacific);X-1-001;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: Organic TOE units of Army divisions in the Pacific having the mission of assisting allied forces in the conduct of operations in the Pacific. Includes 25th infantry Division.

Infantry Divisions Headquarters and Headquarters Companies Infantry Division Military Police Units Aviation Battalions Combat Signal Battalions Headquarters and Headquarters Companies Ingantry Brigades Armored Cavalry Units Headquarters and Headquarters Batteries Division Artillery Artillery Battalions Headquarters and Headquarters Batteries Chaparral/Vulcan Battalion Self-Propelled Air Defense Battalions Chaparral/Vulcan Self-Propelled Headquarters and Headquarters Companies Composite Service Support Command Adjutant General Units

Administrative Finance Units Medical Battalions Composite Service Battalions Supply - Transportation Composite Service Battalions - Maintenance Tank Battalions Infantry Battalions Mechanized Battalions Air Cavalry Unit

Excludes TDA units and TDA augmentation to TOE units.

0202412A Non-Divisional Combat Brigades/Regiments (H);;

0202413A Other Nondivisional Combat Units;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: Organic TOE units of nondivisional combat units in the Pacific having the primary mission of supporting the division forces in the Pacific.

Aviation Units Assault Helicopter Separate Engineer Battalions Combat (Heavy) Headquarters and Headquarters Battery Hawk Battalion Mobile Headquarters and Headquarters Batteries Hawk Improved Battalion Hawk Battalions Improved Hawk Battalions Mobile

Excludes TDA units and TDA augmentation to TOE units.

0202414A Tactical Support - Other Units (H);X-1-001;
Includes manpower authorizations, peculiar and support equipment,necessary facilities and the associated costs specifically identified and measurable to the following: Other support TOE units in the Pacific having the primary mission of supporting the division forces in the Pacific.

Headquarters and Headquarters Company, Army Headquarters and Headquarters Companies Corps Headquarters and Headquarters Companies Aviation Battalion Aviation Unit Army Aviation Units Assault Support Helicopter Headquarters Special Troops I Corps Group Chemical Units CBR Element Military Police Battalion Army

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0202415A Tactical Support - Communications Units (H);X-9-01;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: Communications TOE units in the Pacific having the primary mission of supporting the division forces in the Pacific.

Signal Battalion Corps Signal Battalion Army Command Radio and Cable Signal Battalion Army Signal Unit Switchboard Installation

Excludes TDA units and the TDA augmentation to TOE units.

0202416A Tactical Support - Intelligence Units;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: Intelligence TOE units in the Pacific having the primary mission of direct support of the division forces in the Pacific.

Aviation Unit Aerial Surveillance Army Security Unit Aviation (FWD) Army Security Unit Division Support Infantry Military Intelligence Battalion Field Army Military Intelligence Unit Divisional Army Security Unit Operations (FWD) Army Security Signal Intelligence Support Element/Electronic Warfare Element, Korea Engineer Battalion Topographic Army Military Intelligence Unit Division Armor/Infantry/Mechanized

Excludes military intelligence activities included in Program 3 and TDA units and TDA augmentation to TOE units.

0202417A Tactical Support - Medical Units;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: Medical TOE units in the Pacific having the primary mission of supporting the division forces in the Pacific.

Medical Unit Ambulance Medical Unit Air Ambulance Medical Unit Helicopter Ambulance

Excludes medical units included in Program 8 and TDA units and TDA augmentation to TOE units.

0202418A Tactical Support - Logistics Units;X-1-001;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: Logistics TOE/TDA units in the Pacific having the primary mission of supporting the division forces in the Pacific.

Composite Service Units Aviation Service Headquarters and Headquarters Detachments Composite Service Battalion Maintenance GS Composite Service Units Maintenance Support Rear DS Headquarters and Headquarters Companies Composite Service Group Support Army Composite Service Units Supply and Service DS Headquarters and Headquarters Companies Ordnance Battalion Ammunition DS/GS Ordnance Units Ammunition DS/GS Ordnance Units Ammunition Conventional Ordnance Units Guided Missile Maintenance Ordnance Units Special Ammunition GS Ordnance Units Explosive Disposal Ordnance Unit Explosive Disposal Control Ordnance Units Rocket and Missile Support Quartermaster Unit Air Delivery Transportation Center Movement Control Headquarters and Headquarters Detachment Transportation Battalion Motor Transportation Headquarters and Headquarters Company Group Transportation Units Aircraft Maintenance GS Transportation Unit Car Transportation Units Light Medium Truck Transportation Units Medium Truck Cargo Transportation Units Oceangoing Tug U.S. Army Supply Activity - Okinawa (POMCUS) Combat Vehicle Maintenance DS/GS Level Missile Maintenance DS/GS Level

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0202419A Tactical Support - Administrative Units;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: Administrative TOE units in the Pacific having the primary mission of supporting the division forces in the Pacific.

Adjutant General Unit Personnel Service Type B Military Police Unit Service Adjutant General Unit Personnel Service Type E U.S. Army Headquarters Group Adjutant General Bands Army 44 Piece 1 Corps Element Adjutant General Base Unit Postal Type C Finance Units Disbursing Adjutant General Postal Unit Type V Infantry Security Company Adjutant General Postal Unit Type W Adjutant General Detachment Adjutant General Postal Unit Type Z Administrative Service Military Police Units Adjutant General Headquarters Military Police Units Physical Security and Headquarters Detachment Military Police Unit Guard P and A Battalion Field Army Military Police Unit Correctional Facility Adjutant General Units Replacement Reg

Excludes TDA units and TDA augmentation to TOE units.

0202420A Tactical Support - Maintenance of Tactical Equipment (Pacific);X-7-02;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following at fixed Program 2 installations in the Pacific:

Direct Support/General Support (DS/GS) Maintenance of the following types of tactical equipment: Combat Vehicles, Missiles, Tactical Aircraft, Tactical Vehicles, Construction Equipment, Information Processing Equipment, Watercraft and Associated Equipment, Weapons Armament, General Equipment, Food Service Equipment, Chaplain and Army Band equipment, Laundry, bath, graves registration, and clothing renovation equipment.
Includes equipment that is (a) directly related to mission performance, (b) is recorded on organization property records, and (c) would normally be deployed with using units.

Excludes DS/GS maintenance of TDA (administrative) equipment which is reported under base operations program elements.

0202425A Tactical Support to DCS Networks (Pacific);X-9-04;
Includes manpower authorizations, peculiar and support equipment, necessary facilities, and associated costs specifically identified to the following:

The operation of tactical units supporting the DCS mission and the theater command/control architecture. These units serve as key elements of the theater command and control architecture. Includes TDA augmentation to these MTOE units.

Excludes non-unit support to DCS (0303126A).

0202481A Pacific Air Defense Forces;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: Air defense missile units in the Pacific to provide theater-wide air defense missile support.

Headquarters and Headquarters Battery Air Defense Brigade Headquarters and Headquarters Battery NIKE-HERCULES Battalion NIKE-HERCULES Battalions

Excludes those TDA units and augmentation to TOE units having a predominately peacetime only mission.

0202482A Pacific Missile Forces;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: Surface-to-surface missile units in the Pacific to provide theater-wide surface- to-surface missile support.

Headquarters 4th (Air) Missile Command Headquarters and Headquarters Company 4th (Air) Missile Command Field

Artillery Battalion Honest John Field Artillery Battalion Sergeant Signal Unit Composite Service Unit Support

Excludes surface-to-surface missile units which are provided to support U.S. divisions. Those TDA units and TDA augmentation to TOE having a predominately peacetime only mission.

0202483A Special Operations Forces;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Special Forces, Psychological Operations and Civil Affairs Units in the Pacific PACOM PSYOPS Activities

Excludes those TDA units and TDA augmentation to TOE units having a predominately peacetime only mission.

0202484A Support to Other Services (H);X-7-05;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: Those units in the Pacific to provide support as appropriate to other Services.

Engineer Battalion Combat (Heavy) Composite Service Unit Aviation Service Military Police Units Post-Camp-Station Transportation Unit Medium Truck Cargo

Excludes Army units temporarily supporting other Services. Army support for Defense Agencies, or DoD and Joint and Combined Activities. Those TDA units and TDA augmentation to TOE units having a predominately peacetime only mission.

0202486A Special Mission Support;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: Those units in the Pacific to provide support as appropriate to special mission forces.

Ordnance Unit Special Ammunition GS

Excludes those TDA units and TDA augmentation to TOE units having a predominately peacetime only mission.

0202489A Communications Support;;

0202491A Intelligence Support;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: Those units in the Pacific providing other theater intelligence support (other than division or special mission) and having a predominately peacetime only mission. Only TDA units should be included in this program element including Direct Support Element, USASA Field Station.

0202492A Special Activities;X-0-03;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: Those special activity-type units providing other theater support to divisional and special mission units in the Pacific and having a predominately peacetime only mission. Only TDA units and Contract Support should be included in this PE.

0202493A Force-Related Training;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the conduct of force-related training:

Area Schools (other than dependent) NCO Academies 8th Army Wightman NCO Academy

Excludes JCS directed and coordinated exercises (see program element 0208011A) and unit training and field exercises.

0202494A Real Property Maintenance - Pacific (H);X-93-2;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Real property maintenance at Program 2 installations in Japan, Korea, and Ryukyu Islands

Maintenance and repair of all real property - utilities systems - buildings - other facilities - pavements (roads, parking areas, etc.) - land (grounds)

Minor construction (with other than military construction funds). Operation of utilities for all real property.

Other engineering support. - fire protection - custodial services - entomolgy services - refuse collection and disposal - snow removal and ice alleviation - rental of real property, excluding payments to GSA - Other installation engineering services

Includes all resources in functional categories 9, 10, 11 and 12 as defined in DoD Instruction 7220.20. Also includes all resources (except manpower and military pay) used by groups/units assigned to specific BOS tasks on an ad hoc basis such as Army engineer units assigned to repair/construct facilities, roads, parking areas, etc., even if the work is classified as a military unit training project.

Excludes costs of maintaining family housing. See P.E. 08087460, Family Housing Maintenance.

0202495A Communications Support;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: Those units providing other communications theater support to divisional and special mission units in the Pacific and having a predominately peacetime only mission. Only TDA units should be included in this program element.

0202496A Base Operations - Pacific (H);X-95-3;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following functional categories of effort:

Administration: Installation Headquarters Administration and Command (including squadron level responsible for Base Operations), Installation Comptroller Services, Installation ADP Services, Installation Information Activities, Installation Legal Activities, Civilian Personnel Administration, Installation Military Personnel, Administration Installation Printing and Reproduction, Installation Safety, Installation Management Analysis/Management Engineering.

Retail Supply Operations: Installation Supply Activities, Installation Procurement Operation, Installation Storage Activ ities.

Maintenance of Installation Equipment: (Includes maintenance of administrative aircraft, vehicles and equipment; but excludes maintenance of tactical equipment, combat vehicle and mission aircraft).

Other Base Services: Installation Transportation Activities, Installation Training (excludes Troop training and tactical exercise). Installation Physical and Police Activities, Laundry and Dry Cleaning (for troop support and other appropriated fund activities). Installation AirField/Air Base Operations (control tower, weather, flight service, etc.) Installation Restoration.

Bachelor Housing Operations and Furnishing: (management; housing assignment, care of quarters, provisions, care preservation and maintenance of furnishings, etc.)

Other Personnel Support: Food Service; Social Action; Community Service; Chaplain Services; Bands; Morale, Welfare and Recreation.

Excluded are the following functional categories which are a part of the standard definition of Base Operating Support, but are reported under separate PEs: Real Property Services, Minor Construction, Maintenance and Repair, Base Communications, Commissary Operations (Retail and Troop Issue), Station Hospitals, Medical and Dental Clinics and Dispensaries, Family Housing.

0202498A Management Headquarters (Pacific);X-1-006;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

U.S. Army, Japan/IX Corps (USARJ/IX Corps) Hq

8th Army Headquarters Hq Augmentation U.S. Army Western Command Headquarters

Excludes nonmanagement headquarters resources. Refer DODD 5100.73. WWMCCS ADP.

0202499A Administrative Support;;

Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: Those units providing other administrative theater support to divisional and special mission units in the Pacific and having a predominately peacetime only mission. Only TDA units should be included in this program element.

0202518A Tactical Support - Logistics Units - South;X-5-10;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to Logistics TOE/TDA units in USSOUTHCOM having the primary mission of supporting military operations in Central America.

0202520A Tactical Support - Maintenance of Tactical Equipment (South);X-7-02;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following at fixed Program 2 installations in Panama:

Direct Support/General Support (DS/GS) Maintenance of the following types of tactical equipment: Combat Vehicles, Missiles, Tactical Aircraft, Tactical Vehicles, Construction Equipment, Information Processing Equipment, Watercraft and Associated Equipment, Weapons Armament, General Equipment, Food Service Equipment, Chaplain and Army Band Equipment, Laundry, bath, graves registration, and clothing renovation equipment.
Includes equipment that is (a) directly related to mission performance, (b) is recorded on organization property records, and (c) would normally be deployed with using units.

Excludes DS/GS maintenance of TDA (administrative) equipment which is reported under base operations program elements.

0202525A Tactical Support to DCS Networks (South);X-9-04;
Includes manpower authorizations, peculiar and support equipment, necessary facilities, and associated costs specifically identified to the following:

The operation of tactical units supporting the DCS mission and the theater command/control architecture. These units serve as key elements of the theater command and control architecture. Includes TDA augmentation to these MTOE units.

Excludes non-unit support to DCS (0303126A).

0202581A Panama Theater Air Defense (H);;

0202583A Special Operations Forces;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: Special Forces, Psychological Operations and Civil Affairs units in Panama.

Special Forces Battalion, 7th Group; Headquarters and Headquarters Detachment Civil Affairs Group; Engineer Unit Control Advisor; Medical Unit Control; Military Intelligence Unit Special Forces Group; Military Police Unit Special Forces; Psychological Operations Battalion Tactical Operations

Excludes those TDA units and TDA augmentation to TOE units having a predominately peacetime only mission.

0202585A Panama Defense Force;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: Those units in Panama to provide for the initial defense of selected areas. The Forces provided are not normally available for other missions. Should additional forces be required, augmentation from the Division Forces is necessary.

Infantry Brigade Separate; Headquarters and Headquarters Company Infantry Brigade; Engineer Unit; Artillery Unit; Composite Service Company Maintinance DS CZ; Aviation Unit Assault Helicopter Separate; Infantry Battalions; Mechanized Battalion; Composite Service Unit Maintenance DS CZ; Medical Unit Infantry Brigade Separate; Military Police Units Service; Military Police Unit Correctional Facility; Ordnance Unit Explosive Disposal; Signal Service Unit; Headquarters and Headquarters Company Composite Service Battalion; Composite Service Unit Aviation Operations Maintenance Excludes those TDA units and TDA augmentation to TOE units having a predominately peacetime only mission.

0202586A Special Mission Support (CENTAM);X-5-10;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: operation of other separate units that support special mission forces in the USSOUTHCOM area of responsibility and are not identified in other accounts. Includes operation of a continuous presence in USSOUTHCOM area of responsibility.

0202588A Intelligence Support (H);X-8-03;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Intelligence units in Panama in support of SOUTH special mission forces. Army Security Unit Brigade Support

Excludes military intelligence units included in Program 03. Those TDA units and TDA augmentation to TOE units having a predominately peacetime only mission.

0202589A Panama Special Mission-Communications Support;;

0202591A Intelligence Support - Special Mission - South;X-5-10;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Intelligence units in Panama in support of South special mission forces. Army Security Unit Brigade Support.

Excludes military intelligence units included in Program 3. Those TDA units and TDA augmentation to TOE units having a predominantly peacetime only mission.

0202592A Special Activities (Panama);X-9-05;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Operation of those special activity type units providing other theater support to special mission units in Panama and having a predominantly peacetime only mission.

Excludes rifle and pistol matches.

0202593A Force-Related Training;X-1-001;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the conduct of force-related training:

Area Schools (other than dependent) Training Center Jungle Operations USARSO Chemical Service TD augmentations as assigned

Excludes JCS directed and coordinated exercises (see program element 0208011A). Unit training and field exercises.

0202594A Real Property Maintenance Activities - Panama (H);X-93-2;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Real property maintenance at fixed Program 2 installations in Panama. Maintenance and repair of all real property, utilities systems, buildings, other facilities, pavements (roads, parking areas, etc.), land (grounds).

Minor construction (with other than military construction funds). Operation of utilities for all real property. Other engineering support to include fire protection, custodial services, entomology services, refuse collection and disposal, snow removal and ice alleviation, rental of real property excluding payments to GSA, and other installation engineering services.

Includes all resources in functional categories 9, 10, 11, and 12 as defined in DOD Instruction 7220.20. Also includes all resources (except manpower and military pay) used by groups/units assigned to specific BOS tasks on an ad hoc bases such as Army engineer units assigned to repair/construct facilities, roads, parking areas, etc. on an Army installation even if the work is classified as a military unit training project.

Excludes costs of maintaining family housing. See PE 0808746A Family Housing Maintenance.

0202596A Base Operations - Panama (H);X-95-3;;

Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following functional categories of effort:

Administration: Installation Headquarters Administration and Command (including squadron level responsible for Base Operations), Installation Comptroller Services, Installation ADP Services, Installation Information Activities, Installation Legal Activities, Civilian Personnel Administration, Installation Military Personnel, Administration Installation Printing and Reproduction, Installation Safety, Installation Management Analysis/Management Engineering.

Retail Supply Operations: Installation Supply Activities, Installation Procurement Operation, Installation Storage Activ ities.

Maintenance of Installation Equipment: (Includes maintenance of administrative aircraft, vehicles and equipment; but excludes maintenance of tactical equipment, combat vehicle and mission aircraft).

Other Base Services: Installation Transportation Activities, Installation Training (excludes Troop training and tactical exercise). Installation Physical and Police Activities, Laundry and Dry Cleaning (for troop support and other appropriated fund activities). Installation AirField/Air Base Operations (control tower, weather, flight service, etc.) Installation Restoration.

Bachelor Housing Operations and Furnishing: (management; housing assignment, care of quarters, provisions, care preservation and maintenance of furnishings, etc.)

Other Personnel Support: Food Service; Social Action; Community Service; Chaplain Services; Bands; Morale, Welfare and Recreation.

Excluded are the following functional categories which are a part of the standard definition of Base Operating Support, but are reported under separate PEs: Real Property Services, Minor Construction, Maintenance and Repair, Base Communications, Commissary Operations (Retail and Troop Issue), Station Hospitals, Medical and Dental Clinics and Dispensaries, Family Housing.

0202598A Management Headquarters - USARSO;X-8-03;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to U. S. Army South.

Excludes non-management headquarters resources.

0202611A Divisions (FORSCOM);X-1-001;
Includes manpower authorizations, peculiar and support equipment necessary facilities and the associated costs specifically identified and measurable to the following: Organic TOE units of Army divisions in FORSCOM having the primary mission of supporting military operations in Europe, Pacific, and other areas as required.

Airborne Divisions Headquarters and Headquarters Company Airborne Division; Military Police Unit; Aviation Battalion Combat; Signal Battalion; Engineer Battalion; Headquarters and Headquarters Companies Airborne Brigade; Armored Cavalry Unit; Headquarters and Headquarters Battery Division Artillery; Artillery Battalions; Headquarters and Headquarters Battery Air Defense Battalion; Air Defense Battalion Vulcan T; Headquarters and Headquarters

Company Composite Service Division Support Command; Adjutant General Unit Administrative; Medical Battalion; Composite Service Battalion Maintenance; Tank Battalions; Airborne Battalions

Infantry Divisions Headquarters and Headquarters Company Infantry Division; Military Police Unit; Aviation Battalion Combat; Signal Battalion; Engineer Battalion; Headquarters and Headquarters Companies Infantry Brigade; Air Cavalry Unit; Headquarters and Headquarters Battery Division Artillery; Artillery Battalions; Headquarters and Headquarters Battery Air Defense Battalion; Air Defense Battalion Chaparral/Vulcan Self-Propelled; Headquarters and Headquarters Company Composite Service Support Command; Adjutant General Unit Administrative; Finance Unit; Medical Battalion; Composite Service Battalion Supply - Transportation; Composite Service Battalion Maintenance; Tank Battalions; Mechanized Battalions

Airborne (Air Assault) Division Headquarters and Headquarters Company Aviation Group Combat; Assault Helicopter Battalions; Assault Helicopter Battalion Support; Signal Battalion Airmobile; Engineer Battalion Airmobile; Headquarters and Headquarters Companies Airmobile Brigade; Headquarters and Headquarters Company Airborne Brigade; Cavalry Unit Airmobile; Headquarters and Headquarters Battery Division Artillery Airmobile; Artillery Battalions Airmobile; Artillery Battalion Aerial Artillery; Field Artillery Battery Aviation; Headquarters and Headquarters Battery Air Defense Battalion; Air Defense Battalion Vulcan T Airmobile; Headquarters and Headquarters Company and Band Composite Service Support Command; Composite Service Center Materiel Management; Adjutant General Unit Administrative; Finance Unit Support Command; Medical Battalion Airmobile; Composite Service Supply Battalion Airmobile; Transportation Battalion Aircraft Maintenance and Supply; Infantry Battalions Airmobile; Infantry Battalions Airborne; Tank Battalion; Headquarters and Headquarters Air Defense Battery Group; Headquarters and Headquarters Company Infantry Combat Group

Armored Divisions Headquarters and Headquarters Company Armored Division; Military Police Unit; Aviation Unit; Signal Battalion; Engineer Battalion; Headquarters and Headquarters Companies Brigade; Armored Cavalry Unit; Headquarters and Headquarters Battery Division Artillery; Artillery Battalions; Headquarters and Headquarters Battery Chaparral/Vulcan Battalion Self-Propelled; Air Defense Battalion Chaparral/Vulcan Self-Propelled Headquarters and Headquarters Company Composite Service Support Command; Adjutant General Unit Administrative; Finance Unit; Medical Battalion; Composite Service Battalion Supply - Transportation; Composite Service Battalion Maintenance; Tank Battalions; Mechanized Battalions

Mechanized Divisions Headquarters and Headquarters Company Mechanized Division; Military Police Unit; Aviation Unit; Signal Battalion; Engineer Battalion; Headquarters and Headquarters Companies Brigade; Armored Cavalry Unit; Headquarters and Headquarters Battery Division Artillery; Artillery Battalions; Headquarters and Headquarters Battery Air Defense Battalion; Air Defense Battalion Chaparral/Vulcan Self-Propelled; Headquarters and Headquarters Company Composite Service Support Command; Adjutant General Unit Administrative; Finance Unit; Medical Battalion; Composite Service Battalion Supply - Transportation; Composite Service Battalion Maintenance; Tank Battalions; Mechanized Battalions

Excludes TDA units and TDA augmentation to TOE units, and the 25th Infantry Division.

0202612A Non-Divisional Combat Brigades/Regiments;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: Organic TOE units of separate brigades/regiments in FORSCOM having the primary mission of supporting military operations in Europe, Pacific, and other areas as required.

Armored Cavalry Regiment headquarters and Headquarters Troop Armored Cavalry Regiment; Armored Cavalry Regiment; Air Cavalry Unit; Armored Cavalry Units

Infantry Brigade Separate Headquarters and Headquarters Company Infantry Brigade; Infantry Brigade Separate; Armored Cavalry Troop A; Artillery Battalion; Mechanized Battalion; Composite Service Support Battalion; Infantry Battalion; Tank Battalion; Signal Unit; Engineer

Armor Brigade Separate Headquarters and Headquarters Company Armor Brigade; Armor Brigade Separate; Armored Cavalry Troop B; Artillery Battalion; Mechanized Battalion; Composite Service Support Battalion; Tank Battalions; Signal Unit; Engineer Unit

Air Cavalry Combat Brigade Headquarters and Headquarters Company Air Cavalry Combat Brigade; Infantry Battalion Airmobile; Air Cavalry Squadron; Attack Helicopter Battalion; Aviation Battalion; Support Battalion; Artillery Battalion; Vulcan Battery; Signal Unit

Excludes TDA units and TDA augmentation to TOE units.

0202613A Other Non-Divisional Combat Units;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: Organic TOE units of nondivisional combat units in FORSCOM having the primary mission of supporting military operations in Europe, Pacific, and other areas as required.

Engineer Battalions Combat (Heavy); Aviation Units Attack Helicopter; Engineering Battalions Combat Army; Engineer Units Float Bridge; Engineer Battalion Combat Airborne; Field Artillery Battalions, 155mm Howitzer; Field Artillery Battalions Target Acquisition; Headquarters and Headquarters Battery LANCE Battalion; Field Artillery Battalion LANCE; Aviation Units Assault Helicopter Separate; Infantry Unit Pathfinder Airborne; Infantry Battalion Ranger; CHAPARRAL/VULCAN Battalions; Armored Aviation Company Attack Helicopter; Headquarters and Headquarters Batteries Field Artillery Group; Headquarters and Headquarters Battery CHAPARRAL/VULCAN Battalion; Hawk Battalions Mobile; Headquarters and Headquarters Batteries Hawk Battalion Mobile; Headquarters and Headquarters Batteries Hawk Battalion Improved; Air Defense Battalions Hawk Improved; Air Cavalry Unit; Chemical Mech Flame Unit; EngineerBattalions Combat; Engineer Units Atomic Demolition; Infantry Battalion Separate; Field Artillery Battalion 8" Howitzer; Headquarters and Headquarters Batteries Artillery Corps; Headquarters and Headquarters Battery Hawk Battalion Self-Propelled; Hawk Battalion Self-Propelled

Excludes TDA units and TDA augmentation to TOE units.

0202614A Tactical Support - Other Units;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: Other support TOE units in FORSCOM having primary mission of supporting military operations in Europe, Pacific, and other areas as required.

Headquarters and Headquarters Company Corps; Headquarters and Headquarters Company Corps Airborne; Headquarters and Headquarters Companies Aviation Battalion; Headquarters and Headquarters Company Aviation Group Combat; Aviation Unit Corps; Aviation Units Assault Support Helicopter; Aviation Units Heavy Helicopter; Chemical Units CBR Element; Headquarters and Headquarters Companies Engineer Brigade Combat; Headquarters and Headquarters Companies Engineer Group Combat; Engineer Units Light Equipment Airborne; Engineer Units Panel Bridge; Military Police Unit Airborne Corps; Military Police Unit Corps; headquarters and Headquarters Detachments Military Police Battalion; Headquarters and Headquarters Military Police Group; Engineer Unit Light Equipment

Excludes other support units in Programs 3 and 7 and TDA units and TDA augmentation to TOE units.

0202615A Tactical Support - Communications Units;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and tne associated costs specifically identified and measurable to the following: Communications units in FORSCOM having the primary mission of supporting military operations in Europe, Pacific, and other areas as required.

Headquarters and Headquarters Detachment Signal Corps Group; Signal Battalion Combat Area; Signal Battalion Airborne Corps; Signal Unit Large Headquarters Operations; Signal Unit Radio Operating; Signal Unit Small Headquarters Operations; Signal Unit TACSAT-TASCOM; Signal Unit Crypto Support TC; Signal Battalions Combat Area; Signal Battalion Corps; Signal Battalion Operations; Signal Unit Communications Center Operations; Signal Unit Medium Headquarters Operations; Signal Unit Small Headquarters Operations; Signal Units Support; Signal Unit Tropo Light; Signal Battalion Cable Construction; Headquarters and Headquarters Detachment Signal Group; Headquarters and Headquarters Detachment Signal Battalion

Excludes communications units included in Program 3, and TDA units and TDA augmentation to TOE units.

0202616A Tactical Support - Intelligence Units;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs spdecifically identified and measurable to the following: Intelligence TOE units in FORSCOM having the primary mission of supporting military operations in Europe, Pacific, and other areas as required.

Engineer Battalion Topographic Army; Engineer Unit Topographic Corps; Engineer Unit Terrain; Military Intelligence Battalion Collection FA Co; Military Intelligence Battalion Combat; Military Intelligence Units Division Armor/Infantry/Mechanized; Military Intelligence Units Interrogation; Military Intelligence Unit Divisional; Military Intelligence Unit Corps; Military Intelligence Unit Armored Cavalry Regiment; Military Intelligence Units Aerial Surveillance; Military Intelligence Battalion Company CI; Military Intelligence Battalion Air Reconnaissance Support Field Army; Headquarters and Headquarters Company Military Intelligence Battalion; Military Intelligence Battalion Technical Intelligence; Military Intelligence Unit Division Airborne/Airmobile; Military Intelligence Unit Airborne Corps; Military Intelligence Detachment Infantry Brigade Separate; Military Intelligence Battalion Interrogation

Excludes military intelligence activities included in Program 3 and TDA units and TDA augmentation in TOE units.

0202617A Tactical Support - Medical Units;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: Medical TOE units in FORSCOM having the primary mission of supporting military operations in Europe, Pacific, and other areas as required.

Headquarters and Headquarters Detachment Medical Brigade; Headquarters and Headquarters Detachments Medical Group; Headquarters and Headquarters Detachment Medical Battalion; Combat Support Hospitals; Field Hospital; Medical Units Ambulance; Medical Units Clearing; Medical Units Helicopter Ambulance; Medical Unit Preventive Medicine Entomlogy; Medical Units Environmental; Medical Unit Environmental Engineer; Medical Depot Army; Medical Hospital Evaluation SMBL; Medical Company Armored Cavalry Regiment; Medical Companies Air Ambulance; Medical Detachment Epidemiology; Medical Detachment Field Ambulance; Medical Detachment Helicopter Ambulance AC Rescue; Medical Unit

Field Ambulance; Medical Unit Supply; Medical Inventory Control; Medical Units Equipment Maintenance; Medical Unit Spectacle Fabrication; Medical Unit Entomolgy; Medical Units Dispensary; Medical unit Dental Service; Medical Unit Veterinary Service Small

Excludes medical activities/units included in Program 8 and TDA units and TDA augmentation to TOE units.

0202618A Tactical Support - Logistics Units (FORSCOM);X-1-001;
Includes manpower authorizations, peculiar and support equipment, necessary faciliities and the associated costs specifically identified and measurable to the following: Logistics TOE units in FORSCOM having the primary mission of supporting military operations in Europe, Pacific, and other areas as required. Includes those units in CONUS providing other logistic theater support to divisional and special mission units.

Headquarters and Headquarters Companies Composite Service Supply Service Battalion Forward; Composite Service Units Field Service GS Army; Composite Service Units General Supply GS; Composite Service Units Heavy Equipment Maintenance GS; Composite Service Units Repair Parts Supply GS; Headquarters and Headquarters Detachments Battalion Maintenance GS; Composite Service Units Light Maintenance DS; Composite Service Units Maintenance Support Rear DS; Headquarters and Headquarters Companies Battalion Supply-Service; Composite Service Unit Maintenance DS CZ; Cpmposite Service Units Supply-Service DS; Composite Service Units Small Arms Repair; Headquarters and Headquarters Company Support Brigade Corps; Headquarters and Headquarters Company Group Support Area; Engineer Unit Port Construction; Engineer Unit Construction; Engineer Unit Construction Support; Engineer Units Pipeline Construction Support; Engineer Units Firefighting; Engineer Units Firefighting Firetruck; Engineer Units Firefighting Water Truck; Engineer Units Diving; Engineer Units Utilities; Engineer Units Water Purification; Engineer Units Welding; Headquarters and Headquarters Companies Ammunition Battalion DS/GS; Ordnance Detachment Explosives Disposal; Ordance Detachments Explosive Disposal Control; Ordnance Unit Ammunition DS/GS; Ordnance Unit Ammunition Conventional; Ordnance Unit Special Ammunition DS; Ordnance Unit Guided Missile Maintenance; Ordnance Units Ballistics-Technical Service; Ordnance Units Explosive Disposal; Ordnance Units Rocket and Missile Support; Headquarters and Headquarters Company Petroleum Operations Battalion; Quartermaster Unit Petroleum Operation; Quartermaster Unit Petroleum Supply; Quartermaster Units Petroleum; Quartermaster Units Petroleum Bulk Distribution; Headquarters and Headquarters Company Transportation Group Terminal; Transportation Center Movement Control; Headquarters and Headquarters Detachments Battalion Motor Transportation; Headquarters and Headquarters Companies Transportation Battalion Terminal; Transportation Battalion Floating Craft; Transportation Unit Amphibious Medium; Transportation Units Aircraft Maintenance GS; Transportation Aircraft DS; Transportation Unit Floating Craft Maintenance; Transportation Units Heavy Boat; Transportation Units Heavy Truck; Transportation Units Light Amphibian; Transportation Units Light Truck 5T Transportation Units Light Medium Truck; Transportation Units Medium Truck Cargo; Transportation Units Medium Boat; Transportation Units Medium Truck Petroleum; Transportation Units Terminal Service; Transportation Units Terminal Transfer; Transportation Units Trailer Transfer Point; Transportation Units Cargo Document; Transportation Units Contract Supervision; Materiel Management Support Centers; Composite Service Unit Heavy Materiel GS; Composite Service Unit Battalion Maintenance - Support; Transportation Unit Amphibious Maintenance support; Headquarters and Headquarters Company Composite Service Supply Service Battalion A; Headquarters and Headquarters Detachments Composite Service Battalion Maintenance GS A; Headquarters and Headquarters Companies Composite Service Group Support Corps; Composite Service Unit Supply and Service DS; Headquarters and Headquarters Company COSCOM; Ordnance Units Explosive Disposal Control; Headquarters and Headquarters Company Battalion Petroleum; Quartermaster Unit Air Delivery; Quartermaster Unit Air Drop Equipment Repair; Quartermaster Units Petroleum Supply Forward; Transportation Unit Car Airborne; Transportation Unit Light Truck 2 1/2 Ton; Composite Service Unit Light Equipment Maintenance GS; Combat Vehicle Maintenance DS/GS Level; Missile Maintenance DS/GS Level; TD Augmentations as Assigned

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0202619A Tactical Support - Administrative Units;;

Includes manpower authorization, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: Administrative TOE units in FORSCOM having the primary mission of supporting military operations in Europe, Pacific, and other areas as required.

Headquarters and Headquarters Detachment Personnel and Administration Battalion Field Army; Adjutant General Unit Personnel Service Type A; Adjutant General Units Personnel Service Tupe D; Adjutant General Unit Personnel Service Type E; Adjutant General Units Army Postal Type U;Finance Units Disbursing; Military History Unit; Headquarters and Headquarters Detachment Military Police PW/CIV Intern Center; Military Police Units; Adjutant General Unit Replacement; Adjutant General Units Personnel Service Type B; Adjutant General Base Postal Unit Type B; Adjutant General Replacement Units Reg; Finance Unit Disbursing - Accounting; Military Police Unit Escort Guard; Public Information Units Field Service Operations

Excludes TDA units and TDA augmentation to TOE units.

0202620A Tactical Support - Maintenance of Tactical Equipment (FORSCOM);X-7-02;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following at fixed Program 2 installations in FORSCOM:

Direct Support/General Support (DS/GS) Maintenance of the following types of tactical equipment: Combat Vehicles, Missiles, Tactical Aircraft, Tactical Vehicles, Construction Equipment, Information Processing Equipment, Watercraft and Associated Equipment, Weapons Armament, General Equipment, Food Service Equipment, Chaplain and Army Band Equipment, Laundry, bath, graves registration, and clothing renovation equipment.
Includes equipment that is (a) directly related to mission performance, (b) is recorded on organization property records, and (c) would normally be deployed with using units.

Excludes DS/GS maintenance of TDA (administrative) equipment which is reported under base operations program elements.

0202625A Tactical Support to DCS Networks (FORSCOM);X-9-04;
Includes manpower authorizations, peculiar and support equipment, necessary facilities, and associated costs specifically identified to the following:

The operation of tactical units supporting the DCS mission and the theater command/control architecture. These units serve as key elements of the theater command and control architecture. Includes TDA augmentation to these MTOE units.

Excludes non-unit support to DCS (0303126A).

0202681A Theater Air Defense Forces;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: Air defense missile units at FORSCOM having the mission of rapid reinforcement of the Europe force, Pacific Force, or other theater force as required.

Headquarters and Headquarters Battery Air Defense Brigade; Headquarters and Headquarters Battery Air Defense

Group; Headquarters and Headquarters Battery Nike Hercules Battalion; Nike Hercules Battalion

Excludes those TDA units and TDA augmentation to TOE units having a predominately peacetime only mission.

0202682A Theater Missile Forces;X-80-004;
Includes manpower authorizations, peculiar and support equipment, ncessary facilities and the associated costs specifically identified and measurable to the following: Surface-to-surface missile units in FORSCOM having the mission of rapid reinforcement of the Europe force, Pacific force or other theater forces as required.

Headquarters and Headquarters Battery Pershing Battalion; Pershing Battalion; TD Augmentations as Assigned

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0202683A Special Operations Forces;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: Special Forces, Psychological Operations, and Civil affairs Units in FORSCOM.

Special Forces Groups; Special Forces Battalions; Special Forces Battalions Support; Special Forces Battalion Support Group; Headquarters and Headquarters Companies Special Forces Group; Headquarters and headquarters Detachment Civil Affairs Group; Headquarters and Headquarters Detachment Civil Affairs Battalion; Civil Affairs Units; Military Intelligence Units Special Forces Group; Military Intelligence Unit Counter Intelligence; Headquarters Psychological Operations Group Command and Control; Headquarters Psychological Operations Battalions Command - Control; Psychological Operations Unit Tactical; Engineer Detachment Control Advisor

Excludes special warfare school (see Program 8, Training). Those TDA units and TDA augmentation to TOE units having a predominately peacetime only mission.

0202684A Support to Other Services;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: Those units in FORSCOM to provide support to other Services as appropriate.

Engineer Battalion, Combat (Heavy)

Excludes Army units temporarily supporting other Services. Army support for Defense Agencies, or DoD and joint and combined activities. Those TDA units and TDA augmentation to TOE units having a predominately peacetime only mission.

0202692A Special Activities;X-0-03;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: Provide for special activities operating directly under FORSCOM, and those units in FORSCOM providing other theater support to divisional and special mission units.

Photo Detachments; U.S. Army Parachute Demonstration Team; Army Marksmanship Training Units (AMTUs); TD

Augmentations. Only TDA units and Contract Support should be included in this PE.

0202693A Force-Related Training;X-9-01;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: The conduct of force-related training. Includes those units involved in training activities located in FORSCOM - CONUS and having a predominately peacetime only mission. Only TDA units should be included in this program element.

JFK Military Assistance Center; U.S. Army Element, Joint Unconventional Warfare Task Force; JFK Intelligence Center MI Unit

Excludes those units in Program 8 and Command Area schools.

0202694A Real Property Maintenance - FORSCOM (H);X-93-2;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Real property maintenance at FORSCOM installations (including Alaska, Hawaii and the Canal Zone).

Maintenance and repair of all real property utilities systems; buildings; other facilities; pavements (roads, parking areas, etc.); land (grounds)

Minor construction (with other than military construction funds).

Operation of utilities for all real property.

Other engineering support. fire protection; custodial services; entomology services; refuse collection and disposal; snow removal and ice alleviation; rental of real property, excluding payments to GSA; other installation engineering services

Includes all resources in functional categories 9, 10, 11 and 12 as defined in DoD Instruction 7220.20. Also includes all resources (except manpower and military pay) used by groups/units assigned to specific BOS tasks on an ad hoc basis such as Army engineer units assigned to repair/construct facilities, roads, parking areas, etc., even if the work is classified as a military unit training project.

Excludes costs of maintaining family housing. See P. E. 08087460, Family Housing Maintenance.

0202696A Base Operations - FORSCOM (H);X-95-3;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following functional categories of effort:

Administration: Installation Headquarters Administration and Command (including squadron level responsible for Base Operations), Installation Comptroller Services, Installation ADP Services, Installation Information Activities, Installation Legal Activities, Civilian Personnel Administration, Installation Military Personnel, Administration Installation Printing and Reproduction, Installation Safety, Installation Management

Analysis/Management Engineering.

Retail Supply Operations: Installation Supply Activities, Installation Procurement Operation, Installation Storage Activ ities.

Maintenance of Installation Equipment: (Includes maintenance of administrative aircraft, vehicles and equipment; but excludes maintenance of tactical equipment, combat vehicle and mission aircraft).

Other Base Services: Installation Transportation Activities, Installation Training (excludes Troop training and tactical exercise). Installation Physical and Police Activities, Laundry and Dry Cleaning (for troop support and other appropriated fund activities). Installation AirField/Air Base Operations (control tower, weather, flight service, etc.) Installation Restoration.

Bachelor Housing Operations and Furnishing: (management; housing assignment, care of quarters, provisions, care preservation and maintenance of furnishings, etc.)

Other Personnel Support: Food Service; Social Action; Community Service; Chaplain Services; Bands; Morale, Welfare and Recreation.

Excluded are the following functional categories which are a part of the standard definition of Base Operating Support, but are reported under separate PEs: Real Property Services, Minor Construction, Maintenance and Repair, Base Communications, Commissary Operations (Retail and Troop Issue), Station Hospitals, Medical and Dental Clinics and Dispensaries, Family Housing.

02026980 (A,F,M,N) Management Headquarters (FORSCOM);X-8-03;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: Forces command (FORSCOM) Hq

Excludes nonmanagement headquarters resources Refer DoDD 5100.73. WWCCS ADP.

0202699A Administrative Support;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: Those units providing other administrative theater support to divisional and special mission units in FORSCOM and having a predominately peacetime only mission. Only TDA units should be included in this program element.

0202793A Force-Related Training of Army Reserve Component Combat Units;X-96-1;;
Includes OMA, OPA, BCE and MCA funds specifically identified and measurable to the construction of facilities, equipping and operation of Regional Training Brigades.

0202815A Tactical Support - Comm Support (Other CONUS);X-80-009;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and associated costs

specifically identified and measurable to the following: Communications units in other CONUS having the primary mission of providing Satellite access control of the Ground Mobile Forces Satellite Communications terminals of the Air Force, Marine Corps and Army.

Tactical Satellite Communications Company

Excludes all TOE units except 11-403H.

0202816A Tactical Support - Intelligence Units;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: Intelligence TOE units in CONUS (other than FORSCOM) having the primary mission of supporting military operations in Europe, the Pacific, and other areas as required.

Army Security Units Aviation (FWD); Army Security Units Operations (FWD); Army Security Units Control & Processing; Army Security Units Division Support Armor/Infantry/Mechanized; Headquarters and Headquarters Companies Army Security Battalion; Army Security Unit Brigade Support, Armored Cavalry Regiment; Headquarters and Headquarters Company Army Security Group; Army Security Unit Division Support Airborne/Airmobile/Infantry Army Security Unit Operations (Rear); Army Security Unit Aviation (Rear); Army Security Unit Special Operations Company

Excludes TDA units and TDA augmentation to TOE units.

0202817A Tactical Support - Medical Units;;
Includes manpower authorizations, pecliar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: Medical resources identified to the Surgeon General.

MUST Hospitals

Excludes medical units included in Program 8.

0202818A Tactical Support - Logistics Units (Other CONUS);X-79-008;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: Logistics, TOE units in TRADOC and all other CONUS activities not specifically identified in other accounts.

Combat Vehicle Maintenance DS/GS level. Missile Maintenance DS/GS Level

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0202820A Tactical Support - Maintenance of Tactical Equipment (Other Conus);X-7-02;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following at fixed Program 2 installations in Other Conus:

Direct Support/General Support (DS/GS) Maintenance of the following types of tactical equipment: Combat Vehicles, Missiles, Tactical Aircraft, Tactical Vehicles, Construction Equipment, Information Processing Equipment, Watercraft and Associated Equipment, Weapons Armament, General Equipment, Food Service Equipment, Chaplain and

Army Band Equipment, Laundry, bath, graves registration, and clothing renovation equipment. Includes equipment that is (a) directly related to mission performance, (b) is recorded on organization property records, and (c) would normally be deployed with using units.

Excludes DS/GS maintenance of TDA (administrative) equipment which is reported under base operations program elements.

0202825A Tactical Support to DCS Networks (Other CONUS);X-9-04;
Includes manpower authorizations, peculiar and support equipment, necessary facilities, and associated costs specifically identified to the following:

The operation of tactical units supporting the DCS mission and the theater command/control architecture. These units serve as key elements of the theater command and control architecture. Includes TDA augmentation to these MTOE units.

Excludes non-unit support to DCS (0303126A).

0202883A Special Operations Forces (H);;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Special forces, psychological operations and civil affairs units in other CONUS.

Army Security Detachment Special Operations.

Excludes those TDA units and TDA augmentations to TOE units having a predominately peacetime only mission.

0202889A Communications Support;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: Communications units in other CONUS have the primary mission of support to special mission forces.

Signal Battalion Construction

Excludes those TDA units and TDA augmentation to TOE units having a predominately peacetime only mission.

0202891A Intelligence Support;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: Those TDA units in CONUS providing other intelligence support (other than division or special mission) and having a predominately peacetime only mission. Also includes activities related to the operation and management of Materiel Support Command (MSC).

Excludes non-program 2 resources. Army management headquarters activities - Refer DoDD 5100.73. TOE units.

0202892A Special Activities/Logistics Support;X-0-03;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: Units and activities of the Military District of Washington and units and activities that provide logistic support in CONUS (other than FORSCOM), and elements in CONUS units and having a predominately peacetime only mission.

U.S. Army Executive Flight Detachment;

Centralized Procurement: Aviation Maintenance Contract, MEAFSA; Synthetic Flight Training Simulator (SFTS); Maintenance Contract;

Only TDA units and Contract Support should be included in this PE.

0202893A Force Related Training -Other CONUS (H);X-0-03;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to force related training and the operation and maintenance of schools and courses at AMC and MDW.

0202894A Real Property Maintenance (MDW) (H);X-93-2;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: Real Property Maintenance at installations with a primary mission of supporting Program 2 activities.

Maintenance and Repair of real property, i.e., utilities, buildings, other facilities, payments (roads, parking areas, etc.), land-grounds.

Minor construction (with other than Military Construction funds).

Operation of Utilities.

Engineering Support, i.e., master planning, fire protection, custodial services, entomology services, environmental programs, snow removal and ice alleviation, and rental of real property.

Includes all resources (except manpower and military pay) used by groups/units assigned to specific BOS tasks on an ad hoc basis such as Army Engineer construction force units assigned to repair/construct facilities, roads, parking areas, etc., even if the work is classified as a military training project. Includes funding for reimbursment of Public Works Centers or host installations for Real Property Maintenance of Program 2 activities.

Excludes costs of maintaining Family Housing. See PE 0808746A, Family Housing Maintenance.

0202896A Base Operations - (MDW) (H);X-95-3;;

Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following functional categories of effort:

Administration: Installation Headquarters Administration and Command (including squadron level responsible for Base Operations), Installation Comptroller Services, Installation ADP Services, Installation Information Activities, Installation Legal Activities, Civilian Personnel Administration, Installation Military Personnel, Administration Installation Printing and Reproduction, Installation Safety, Installation Management Analysis/Management Engineering.

Retail Supply Operations: Installation Supply Activities, Installation Procurement Operation, Installation Storage Activ ities.

Maintenance of Installation Equipment: (Includes maintenance of administrative aircraft, vehicles and equipment; but excludes maintenance of tactical equipment, combat vehicle and mission aircraft).

Other Base Services: Installation Transportation Activities, Installation Training (excludes Troop training and tactical exercise). Installation Physical and Police Activities, Laundry and Dry Cleaning (for troop support and other appropriated fund activities). Installation AirField/Air Base Operations (control tower, weather, flight service, etc.) Installation Restoration.

Bachelor Housing Operations and Furnishing: (management; housing assignment, care of quarters, provisions, care preservation and maintenance of furnishings, etc.)

Other Personnel Support: Food Service; Social Action; Community Service; Chaplain Services; Bands; Morale, Welfare and Recreation.

Excluded are the following functional categories which are a part of the standard definition of Base Operating Support, but are reported under separate PEs: Real Property Services, Minor Construction, Maintenance and Repair, Base Communications, Commissary Operations (Retail and Troop Issue), Station Hospitals, Medical and Dental Clinics and Dispensaries, Family Housing.

0202897A Total Package Fielding;X-8-03;
Includes costs associated with requisitioning and receipt of initial supply items (stock funded repair parts - ASL/PLL) and packaging with the end item(s) for total package fieldings, processing for handoff (deprocessing) costs at a staging area prior to issue to a unit. These packaging costs will support all components (Active/Guard/Reserve) and TOE/TDA units, and may support other services on joint programs.

Excludes military and civilian manpower and related costs. Also excludes non-system specific costs and AMC overhead which will continue to be funded in Program 07.

0202898A MANAGEMENT HEADQUARTERS (MDW);X-0-03;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to Headquarters, Militiary District of Washington and MDW Support Activity.

Excludes cost of operation chargeable to other programs/appropriations for which a separate "98" code, or other unique management headquarters code is provided.

0202899A Administrative Support;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: Units and activities that provide administrative support in CONUS (other than FORSCOM), and those elements providing other administrative support to divisional and special mission units and having a predominately peacetime only mission.

The Army Adjutant General Currency Printing Requirements; Office, Chief of Staff of the Army Activities

Excludes TOE units and Army management headquarters activities - Refer DoDD 5100.73.

0203711A LITTLE JOHN (H);;

0203712A HONEST JOHN (H);;

0203713A REDEYE (H);;

0203714A CHINOOK (H);;

0203715A MOHAWK (H);;

0203716A IROQUOIS (H);;

0203717A GENERAL SHERIDAN - AR/AAV (H);;

0203718A SHILLELAGH Laser Beamrider (LBR) Missile System (H);;
Includes RDT&E funds. The objective of this program is to modernize the SHILLELAGH Missile System using Laser Beamrider technology. The SHILELAGH Missile System is presently deployed on the M551 SHERIDAN and the M60A2 Tank. The missile provides each of these vehicles with a long-range, high first-round kill probability. The application of Beamrider technology to the SHILLELAGH will extend the life of the SHILLELAGH , provide countermeasures hardening, and could provide improved hit capability at the extended ranges.

This program will result in a replacement of the existing SHILLELAGH Guidance and Control System. A beam projector

and checkout and interface box replace six of the seven "black boxes" on the tank. The remaining "black box" the rate sensor, is not needed for the SHILLELAGH Beamrider, but may have to be retained for gun stabilization The missile is modified by removing or disabling the IR source and replacing the receiver with a Beamrider receiver. The modification of the tank-mounted equipment would be accomplished by a depot team. The modification of the missiles would be accomplished at depot level.

0203719A Main Battle Tank (H);;

0203721A Combat Vehicles Weapon System - Long Range (H);;

0203722A Light Observation Helicopter (H);;

0203723A Land Combat Support System (H);X-5-09;
Includes civilian and military manpower authorizations and related costs as applicable. Includes RDT&E funds for operational systems development of a medium antitank assault weapon which is lightweight and man-portable. This weapon is for use with all infantry platoons. The primary objective of Dragon will be to defeat enemy armored vehicles at extended range.

Excludes military consruction costs which are included in appropriate management and support elements in this program.

0203724A Heavy Antitank Assault Weapon System (TOW) (H);X-8-03;
Includes civilian and military manpower authorizations and related costs as applicable. Includes peculiar and support equipment, necessary facilities and the associated costs specifically identifed and measurable to the following:

RDTE funds to provide a heavy antitank/assault capability for the infantry, airborne infantry, air assault and mechanized infantry battalion. The primary purpose of the system is to defeat the heaviest known enemy armor out to ranges of 3,000 meters. The TOW replaces the 106mm Recoilless Rifle. This program is being performed in-house and on contract under the supervision of Project Manager, TOW, U.S. Army Missile Command, Army Materiel Development and Readiness Command.

0203725A CHEYENNE AH-56A (H);;

0203726A Adv Field Artillery Tactical Data System;X-1-002;
Includes civilian and military manpower authorizations and related costs as applicable. Includes RDTE funds to develop a replacement system for TACFIRE to meet user fire support requirements through the year 2010. Advances in

communications and computer technology, interactive graphics, and reduction of electronic component size will be employed to provide efficient utilization of emerging communications and sensor systems, reduce training and operator requirements, and improve system flexibility, mobility, and reliability. These improvements will increase system utility and reduce system vulnerability to enemy physical or EW attack, compared to the current TACFIRE system. The existing proven TACFIRE application software will be preserved to the maximum extent possible.

0203727A Medium Antitank Assault Weapon (DRAGON) (H);X-9-01;
Includes civilian and military manpower authorizations and related costs as applicable. Includes RDTE funds for operational systems development of a medium antitank assault weapon which is lightweight and man-portable. This weapon is for use with all infantry platoons. The primary objective of DRAGON will be to defeat enemy armored vehicles out to a range of 1,000 meters. The DRAGON is scheduled to replace the 90mm recoilless rifle.

0203729A Surveillance, Target Acq., and Night Observation (STANO) (H);;

0203730A CHAPARRAL (H);X-8-03;
Includes civilian and military manpower authorizations and related costs as applicable. Includes RDTE funds to improve the Army's low altitude, short-range missile air defense capability. Work to date includes developmental efforts on an improved missile with all-aspect guidance and a more lethal fuze/warhead combination, an Identification Friend or Foe (IFF) device, a smokeless missile motor, and a program to demonstrate an all-weather CHAPARRAL capability. IFF gives the CHAPARRAL crew the means to tentatively identify aircraft electronically, while the smokeless missile motor will reduce battlefield signature and obscuration of the gunner's vision during engagements. The all-weather program complies with congressional direction.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0203731A SAM HAWK/ HAWK Improvement Program (H);X-8-03;
Includes civilian and military manpower authorizations and related costs as applicable. Includes RDTE funds. This program includes only those dollar costs associated with continuing research and development efforts and/or product improvements to the operational system.

0203732A VULCAN (H);;
Includes RDT&E funds. This program includes only those dollar costs associated with continuing research and development efforts and/or product improvements to the operational system.

0203733A Improved Non-Nuclear LANCE (NNL) Warhead (H);X-4-02;
Includes civilian and military manpower authorizations and related costs as applicable. The objective of this program is to improve the LANCE M251 Non-Nuclear Warhead by incorporating an improved bomblet. The program is Phase II of a 2-phase program. Phase I is a 6.3 technology effort to develop and qualify an improved bomblet

through the use of dense fragments (e.g., tungsten alloys or depleted uranium), random delay fuzes, pattern improvement and pyrophoric additives to enhance fire-starting capabilities. Phase II is a program to apply the improved munition to the LANCE missile to include fuzing, warhead packaging, and test and evaluation.

0203734A PERSHING (H);;
Includes RDT&E funds. This program includes only those dollar costs associated with continuing research and development efforts and/or product improvements to the operational system.

0203735A Combat Vehicle Improvement Programs;X-7-05;
Includes civilian and military manpower authorizations and related costs as applicable. This program provides for the development, engineering and testing of improvements to and additions to combat vehicles, associated components, assemblies and subassemblies which are classified as developmental in nature.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0203736A NIKE HERCULES (H);;

0203737A SERGEANT (H);;

0203738A Electronic Warfare - QRC Activity (H);;

0203739A Air Defense C3I Modifications;X-8-03;
Includes civilian and military manpower authorizations and related costs as applicable. RDTE funds to upgrade AN/TSQ-73 system's functional performance envelope and its RAM operational performance. Includes computer memory expansion for new functional requirements of the air defense user and supports emerging joint service interoperability requirements. Supports interfacing with current and future radars on a remote basis in order to enhance survivability and provide greater operational flexibility. Supports changes in ATDL-1 data link processing to optimize the AN/TSQ-73/Improved HAWK, PATRIOT and E-3A interfaces.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0203740A Maneuver Control System;X-2-007;
Includes civilian and military manpower authorizations and related costs as applicable. RDT&E funds to provide commanders and their staffs from battalion through corps the ability to significantly increase their capability to receive, store, display and retrieve up-to-date accurate information upon which to make estimates and plans. The

specific objective is to provide evolutionary development of the control system for maneuver as defined in the Army Battlefield Interface Concept.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0203741A Product Improved Vulcan Air Defense System (H);X-8-03;
Includes civilian and military manpower authorizations and related costs as applicable. Includes RDTE funds to develop modifications to improve the Army's low altitude, short-range air defense gun system. Work to date has included industrial research and developmental efforts. This effort will include engineering development efforts to improve the maximum effective range of the Vulcan gun system and apply necessary reliability, availability, and maintainability modifications to increase the Vulcan's capability.

0203742A Communications Systems Engineering Program;X-1-005;
Includes civilian and military manpower authorizations and related costs as applicable. Includes RDTE funds to unify the fragmented management for development and improvement of tactical communications systems into a single program for effecting resolution of problems in an effective and timely way. It provides near term assistance in the form of quick reaction projects through military adaption of commercial items, accelerated product improvement based on existing technology and development of new procedures, and provides a vehicle for action on user problems and requirements.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0203743A 155mm Self-Propelled Howitzer Improvements;X-2-004;
Includes civilian and military manpower authorizations and related costs as applicable. Includes RDT&E funds to support operations/systems development of medium artillery weapons systems and related fire control items.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0203744A Aircraft Modifications/Product Improvement Programs;X-7-05;
This program includes only those RDT&E dollar costs associated with the continuing research and development efforts and/or product improvements to the operational system of Army Aircraft. Aircraft being considered for modification are UH-60 BLACK HAWK, AH-64 Advanced Attack Helicopter and CH-47 CHINOOK Helicopter.

0203745A Weapons and Munitions Equipment Upgrade Program (H);X-92-4;;
Includes civilian and military manpower authorizations and related costs as applicable, and RDT&E funds necessary to support the effort to enhance the warfighting capability of older US origin equipment through the application of modern technology. The research and development to be accomplished within this program includes the development, integration design, test, evaluation, and development of logistic packages. The systems to be

enhanced include fire support, anti-tank anti-aircraft, vehicle and troop protection and enhanced maneuver capability. The focus will be on low cost, high volume, high leverage upgrades which can be developed in a short time frame and have minimum impact and training and logistics. The development within this program will include any sets, kits, and outfits plus any attaching hardware required to place the upgrades into the using units for operation.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0203747A SADARM Munitions Enhancement;X-92-4;;
Includes civilian and military manpower authorizations and related costs, beginning in FY94, specifically identified and measurable to SADARM Munitions Enhancement. This program supports pre-planned product improvements to the basic SADARM munitions with respect increased lethality, enlarged scan area, extended range, and improved accuracy. Funding is uniquely SADARM related but is appropriately and equipment upgrade and is not associated with generic SADARM engineering development.

Excludes military construction and related costs.

0203751A Force Enhancements-Active (H);X-92-4;;
Includes civilian and military manpower authorizations and related costs as applicable. Includes RDT&E funds for development of materiel for use by Special Operations Forces. The program covers the following projects: SOF Communications Development (Small Unit Transceivers, Low Probability of Intercept Communications devices, Satellite communications equipment); SOF Clothing and Equipment (Rough Terrain Parachute Suits, Cold Weather Life Support System); Fire Control development (unattended Laser Designator Beacons); SOF Aviation Development (avionics, navigation and fire suppression items). This program element is performed in-house and on contract monitored by the U.S. Army Materiel Command.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0203752A Aircraft Engine Component Improvement Program;X-5-06;
Includes civilian and military manpower authorizations and related cost as applicable. Includes continuing improvements in aircraft engines encompassing the area of reliability, maintainability, durability and the correction of service revealed deficiencies. This effort is essential to enhance the time between overhauls and foster a general reduction in maintenance manhours and resources required to sustain aircraft engines in service. The purpose of this program is to fix those problems detected after the engine has demonstrated production suitability following acceptance of the first procurement-funded aircraft.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0203754A Automatic Test Equipment Product Improvement Program (H);X-92-4;;
Includes civilian and military manpower authorizations and associated costs. Through the open-ended architecture

of the basic IFTE system and insertion of evolving technology, a pre-planned product improvement program to extend the capabilities of Army ATE systems. Efforts will include the development of capabilities to support high speed digital technologies, millimeter wave systems, Spread Sprectrum testing (SINCGARS, PLRS, and SCOTT), logistics upgrades - self-training module; TPSs for piece part isolation, paperless publications, Bar-Code reader, Automated Data Collection, and Virtual instruments for micro-wave capability.

Excludes military construction costs.

0203755A Field Artillery Ammunition Support Vehicle;X-0-06;
Includes civilian and military manpower authorizations and related costs as applicable. Includes RDT&E funds to product improve the M992 Field Artillery Ammunition Support Vehicle (FAASV). Provides compatibles with M203 propellant and the M109 Howitzer. Excludes military construction costs which are included in appropriate management and support elements in this program.

0203758A Digitization;X-94-3;;
Includes facilities, equipment and costs specifically identified and measurable to integrated system development and operational testing of an inter-vehicular information system capability. This program will further assure that platform oriented programs are tested on a fully integrated basis and that realistic testing will provide the basis for the evolution of integrated combined arms capabilities. Provides for systems upgrades to horizontally integrate weapons platforms. Excludes civilian and military manpower and their related costs; and military construction costs.

Excludes civilian and military manpower and their related costs; and military construction costs.

0203760A Targeting Identification Devices;X-0-06;
Includes civilian and military manpower authorizations and related costs as applicable. Provides for product improvements to air defense non-cooperative target recognition (NCTR) devices. Primary activities in support of the four air defense NCTR technologies include responsive software changes to counteract threat signature countermeasures, updates to threat signature libraries and data fusion analyses. Excludes military construction costs which are included in appropriate management and support elements in this program.

0203801A Missile/Air Defense Product Improvement Program;X-7-05;
Excludes military and civilian manpower authorizations and related costs.

The advances of Soviet Modernization efforts require an evolutionary improvement program to maintain the effectiveness of the PATRIOT, HAWK, and CHAPARRAL missile systems. This program element develops improvements to PATRIOT recommended by the Defense Science Board and identified by the user to overcome operational deficiencies and upgrade capabilities. Additionally continues efforts to develop NATO Rationalization, Standardization, and Interoperability (RSI) for PATRIOT and HAWK. For HAWK a product improvement program (PIP) consisting of a phased series of modifications applied to the fielded equipment was initiated in 1973. This program provides for Phase III of this effort. Phase III will modify ground equipment to improve system effectiveness, maintainability, and survivability. In addition a series of missile modifications will be fielded to keep pace with enemy jamming techniques, and a field maintenance PIP to reduce manpower. CHAPARRAL product improvement program includes

extending the range of the missile to meet the the threat of the 1990's and incorporating a passive sensor for target identification and fire control.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0203802A Other Missile Product Improvement Programs;X-7-05;
Excludes military and civilian manpower authorizations and related costs.

The advances of Soviet modernization efforts require an evolutionary improvement program to maintain the effectiveness of the HELLFIRE, TOW, PERSHING II, LANCE and Multiple Launch Rocket System (MLRS) missile systems. HELLFIRE improvements consist of the electro-optical countermeasure (EOCM) hardened laser seeker, digital autopilot, increased lethality warhead and improved rocket motor. Test program set (TPS) development and testing for missile maintenance at depot level will continue. An advanced passive seeker to provide fire and forget capability is also being developed. TOW improvements required to maintain the capability to defeat an evolving Soviet armor and countermeasure threat include TOW 2A (enhanced warhead), TOW 2B (TOW lethality improvement), the optical improvement effort, and the track link improvement effort. PERSHING II (PII) improvements are required to improve the ability of PII to counter anticipated threats and reduce operating and support costs while enhancing prelaunch survivability and reentry vehicle terminal phase survivability. Specific modifications designed to improve terminal survivability are radar cross section reduction, ECCM initiatives and enhancement of reentry vehicle maneuverability. Ground support improvements include a miniaturized reference scene generation facility (RSGF) for operation and support cost savings and reduced signature countdown capability. The Service Life Extension Program (SLEP) for LANCE is intended to enable LANCE to remain in the field until the mid 1990s. This program consists of refurbishing age deteriorated power supply electronics and guidance section accelerometers which control trajectory, replacement of all warhead timers, and replacement of existing land navigation equipment with a launch mounted MAPS to reduce operation and support costs and personnel. SLEP also includes rebuild of gyros and additional practice warheads. MLRS product improvements respond to the anticipated requirement to update software in the Fire Control System and for hardware to improve system performance within system requirements and performance specifications.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0203806A TRACTOR RUT;X-95-3;;
Includes costs specifically identified and measurable to special classified projects for which information on resources will be provided only on a "need-to-know" basis to authorized personnel identified on a special access list.

Excludes military and civilian manpower and related costs.

0203808A TRACTOR CARD;X-9-03;
This is a special access program. Details will be provided on a need to know basis to authorized personnel on a special access list.

Excludes military and civilian manpower authorizations and related costs and military construction costs.

0203809A Dragon III (H);X-9-03;
This program element provides for Army participation in a Congressionally mandated joint Army/USMC program to continue the USMC's development of Dragon III, a new medium anti-tank missile system.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0204111N Attack Carriers (H);;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: Attack Carriers (CVA/CVAN).

Excludes shore-based stations and support facilities (see Base Operations element in this program); Aircraft Readiness Squadrons (see appropriate element in this program); and staff activities (see Command element in this program).

0204112N Multi-Purpose Aircraft Carriers;X-79-007;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: Multi-Purpose Aircraft Carriers (CV/CVN/CVV)

Excludes shore-based stations and Support facilities (see Base Operations element in this program); Aircraft Readiness Squadrons (see appropriate element in this program); staff activities (see Command element in this program); and air wings (see appropriate element in this program).

0204131N A-1 Squadrons (H);;

0204132N A-3 Squadrons (H);;

0204133N A-4 Squadrons (H);;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: Attack Aircraft Squadrons.

Excludes aircraft readiness squadrons (see appropriate element in this program).

0204134N A-6 Squadrons;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: Attack Aircraft Squadrons.

Excludes Aircraft Readiness Squadrons (see appropriate element in this program).

0204135N A-7 Squadrons;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: Attack Aircraft Squadrons.

Excludes Aircraft Readiness Squadrons (see appropriate element in this program).

0204136N F/A-18 Squadrons;X-4-03;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Strike Fighter Squadrons. Planned follow-on for A-7 and F-4 Squadrons. Proposed missions are close tactical air support, deep strike and interdiction missions, air superiority, fleet air defense, air-to-ground weapons delivery and strike escort.

Excludes Aircraft Readiness Squadrons - (see appropriate element in this program).

0204137N A-12 Squadrons;X-8-05;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated cost specifically identified and measurable to the following: Attack aircraft squadrons.

Excludes Aircraft Readiness Squadrons (see appropriate element in this program).

0204141N F-8 Squadrons (H);;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: Fighter Aircraft Squadrons.

Excludes Aircraft Readiness Squadrons (see appropriate element in this program).

0204142N F-4 Squadrons;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: Fighter Aircraft Squadrons.

Excludes Aircraft Readiness Squadrons (see appropriate element in this program).

0204143N F-111 Squadrons (H);;

0204144N F-14 Squadrons;;

Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: Fighter Aircraft Squadrons; Aircraft Maintenance Units; Armament and Electronics Maintenance Units; and R&D funds to develop a multimission, supersonic, attack, carrier-based aircraft exploiting the latest technology.

Excludes Aircraft Readiness Squadrons (see appropriate element in this program).

0204145N F/A-18 Fighter Squadrons (H);X-4-03;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Fighter Aircraft Squadrons. Planned follow-on replacement for F-4 Squadrons. Proposed mission is air superiority, fleet air defense, strike escort and air-to-ground weapons delivery.

Excludes Aircraft Readiness Squadrons (See appropriate element in this program).

0204150N Navy TACAIR/ASW Carrier Airwing Staff Flying;X-7-07;
Includes funding for Navy TACAIR/ASW carrier airwing staff flying. Funds include direct O&MN costs only which are required for the training of CVW crews, exclusive of those costs included in other program elements for squadron aircrew training.

0204151N COD Squadrons;;
Includes manpower authorizations,peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: VRC Squadrons.

0204152N E-2 Squadrons;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

A-1 E/G Aircraft Squadrons E-1 Aircraft Squadrons E-2 Aircraft Squadrons

Excludes Aircraft Readiness Squadrons (see appropriate element in this Program).

0204153N Reconnaissance Squadrons;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Carrier Assigned Reconnaissance Aircraft RA-3 Aircraft Units RA-5 Aircraft Units RF-8 A/G Aircraft Units VQ Aircraft Units

Excludes Aircraft Readiness Squadrons (see appropriate element in this program).

0204154N Sea-Based Electronic Warfare Squadrons;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Carrier Assigned Electronic Countermeasure Aircraft EA-1 Aircraft Units EA-6 Aircraft Units EC-1 Aircraft Units EKA-3 Aircraft Units

Excludes Aircraft Readiness Squadrons (see appropriate element in this program).

0204155N Shore-Based Electronic Warfare Squadrons;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: Shore-Based Electronic Warfare Squadrons.

Excludes Aircraft Readiness Squadrons (see appropriate element in this program).

0204156N Readiness Squadrons;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: Readiness/Replacement Unit Training Activities (RCVW).

Excludes formal or school training included in Program 8.

0204157N F/A-18 Fleet Readiness Squadron (Fighter) (H);X-4-03;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Readiness/Replacement Unit Training Activities (RCVW)

Excludes formal or school training included in Program 8.

0204158N F/A-18 Fleet Readiness Squadron (Attack) (H);X-4-03;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Readiness/Replacement Unit Training Activities (RCVW)

Excludes formal or school training included in Program 8.

0204161N Aviation Support CVW;X-7-09;

Includes that part of APN Aircraft Support Program, such as aircraft modifications, nonforce generated spare and repair parts, and aircraft support equipment and facilities, which are not distributed to individual aircraft models, but are attributable to the Navy portion of TACAIR.

0204162N Air-Launched Ordnance and Missiles - Attack Air Wings;;
Includes that part of OPN-3 (Air Launched Ordnance) and WPN (Missiles) attributable to the Navy portion of TACAIR.

0204163N Fleet Telecommunications (Tactical);;
Includes RDT&E and procurement of fleet telecommunications equipment, including all end terminal switching, processing, and distribution equipment necessary for the communications function of end-to-end information transfer and exchange. Equipment identified herein is tactical in application as opposed to strategic, and will be installed to meet operational requirements of air, surface, or subsurface mobile platforms.

Excludes telecommunications equipment identified within the Fleet Satellite Programs (see PE 0303109N); Joint Tactical Communications Program (TRI-TAC); Strategic Programs; Communications Security Program; and Cryptologic, Intelligence, and Weather Service Programs.

0204164N Aircraft Intermediate Maintenance Department;X-80-009;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to Aircraft Intermediate Maintenance Departments at the following activities:

Naval Air Stations Naval Stations (designated aviation activities) Naval Air Facilities Atlantic Fleet Range Support Facility Fleet Air Support Units

Excludes Aviation Ground Support Equipment.

0204165N Ordnance Support Equipment;X-2-003;
Details are of a higher classification. For further information contact OP-090J, x56755.

0204166N Ashore Mobile Contingency Comm/Afloat Contingency Cmd Ctl Van Systems;X-5-07;
Includes procurement of fleet telecommunications equipment, desk top computers and large screen displays for use in rapidly deployable Afloat Contingency Command Centers. Equipment is tactical in application and can augment the C2 capabilities of most surface ships for use in contingencies where a major flag configured ship is not available.

Excludes manpower authorizations and their related costs and telecommunications equipment identified within the Fleet Satellite Programs (see P.E. 0303109N); Joint Tactical Communications Programs (TRI-TAC); Strategic Programs; Communications Security Program; and Cryptologic, Intelligence and Weather Service Programs.

0204211N ASW Carriers (H);;

Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: Antisubmarine Warfare Carriers (CVS).

Excludes shore-based stations and support facilities; replacement air groups; and staff activities (see appropriate command element in this program).

0204220N Battleships;X-1-004;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: Battleships.

0204221N Cruisers;X-80-001;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: Guided Missile Cruisers (CG,CLG); and Nuclear-Powered Guided Missile Cruisers (CGN).

0204222N Destroyers - Missile;X-80-001;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: Guided Missile Destroyers (DDG) operate offensively with strike forces, in support of amphibious assault operations and screen support forces and convoys against submarine, air, and surface threats, and are equipped with short-range surface-to-air missiles, 5 inch guns, and ASW armament.

0204223N Destroyers - Non-Missile;X-80-001;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: Destroyers.

0204224N Frigates - Missile;X-80-001;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: Guided Missile Frigates (FFG) which operate offensively against submarines and surface ships, and screen underway replenishment groups, amphibious forces, and convoys against submarine, air, surface, and anti-shipping missile threats. These ships are equipped with short-range surface-to-air missiles, minor or medium caliber guns, surface-to-surface missiles, and ASW armament that includes LAMPS (Light Airborne Multi-Purpose System).

0204225N Frigates - Non-Missile;X-80-001;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: Frigates (FF) which operate offensively against submarines and screen support forces and convoys against submarine and surface threats, and are equipped with 5 inch guns, point defense missiles, and ASW armament.

0204226N Patrol Combatants;X-80-001;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: Patrol Combatants (PG); and Patrol Combatant Missle (Hydrofoil) (PHM); which operate offensively against major surface combatants and other surface craft; conduct surveillance, screening, and special operation; and which are equipped with surface-to-surface missiles and intermediate caliber guns (PHM).

0204227N Support Forces;X-80-001;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: Destroyer Tenders (AD).

0204228N Surface Support;X-80-001;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: Replacement, modification, and backfit of surface combatant communications, electronic, and ship support equipment including FMP.

Excludes ordnance and missiles including support equipments; equipments for strategic programs; and research and development tasks (see appropriate Program 6 element).

0204229N Tomahawk and Tomahawk Mission Planning Center (TMPC);X-93-3;;
Includes RDT&E funds for development of the Tomahawk encompassing TLAM Upgrades, Advanced Tomahawk Weapons Control Systems, Tomahawk Mission Planning Center (TMPC) upgrades and other missile baseline improvements. The Land-Attack missile can be fitted with either conventional unitary warhead (TLAM/C), nuclear warhead (TLAM/N) or submunition dispenser (TLAM/D). Tomahawk is capable of being deployed from both submarines and surface ships. The antiship variant provides the Navy with a missile having longer range (standoff distance) and greater lethality against surface ships. Launched from mobile, sea-based platforms, the land attack variant will increase significantly the total capability of joint forces.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0204231N A-4 Squadrons (H);;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: Attack Aircraft Detachments.

Excludes Aircraft Readiness Squadrons (see appropriate element in this program).

0204232N S-2 Squadrons (H);;

Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: Air Antisubmarine Squadrons.

Excludes Aircraft Readiness Squadrons (see appropriate element in this program).

0204233N SH-3/SH-60F Squadrons;X-9-05;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Helicopter Air Antisubmarine Squadrons.

Excludes Aircraft Readiness Squadrons (see appropriate element in this program).

0204234N S-3 Squadrons;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: Air Antisubmarine Squadrons.

Excludes Aircraft Readiness Squadrons (see appropriate element in this program).

0204235N Other Squadrons (H);;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: ASW Squadrons; Aircraft Maintenance Squadrons; and Armament and Electronics Maintenance Units.

Excludes Aircraft Readiness Squadrons (see appropriate element in this program).

0204241N VSTOL Support Ships (VSS) (H);X-80-004;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: VSTOL Support Ships (VSS), the primary purpose of which is to provide protection to underway replenishment groups, amphibious ready groups, and merchantile convoys against air, surface, and subsurface attack; sea-based support to amphibious and mine countermeasure forces; and mutual support in strike force operations.

0204242N AV-8B Squadrons;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: Fighter Aircraft Squadrons, to provide anti-air warfare, interceptor/fighter protection for air-capable ships. These aircraft perform typical fighter missions at sea and over land areas. A secondary mission is air-to-surface conventional attack.

Excludes Aircraft Readiness Squadrons (see appropriate element in this program).

0204243N Light Airborne Multi-Purpose System (LAMPS);;

Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: LAMPS Squadrons and Detachments.

Excludes Aircraft Readiness Squadrons (see appropriate element in this program).

0204251N ASW Patrol Squadrons;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: Patrol Aircraft Squadrons (land-based).

Excludes Aircraft Readiness Squadrons (see appropriate element in this program).

0204261N Aviation Support;;
Includes that part of APN Aircraft Support Program, such as aircraft modifications, nonforce-generated spare and repair parts, and aircraft support equipment and facilities, which is not distributed to individual aircraft models but is attributable to antisubmarine Warfare.

0204262N Readiness Squadrons;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: Readiness/Replacement Unit Training Activities (RCVG and RVP)

Excludes formal or school training included in Program 8.

0204271N Air-Launched Ordnance and Missiles;;
Includes that part of OPN-3 (Air-Launched Ordnance) and WPN (Missiles) attributable to air Antisubmarine Warfare.

0204281N Submarines;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: Attack Submarines, Nuclear (SSN); and Attack Submarines (SS).

Excludes submarines assigned to Fleet Ballistic Missile System element (SSBN) (see appropriate element in Program 1); submarines assigned to Program 3; transport submarines (see Amphibious Assault Ships (Amphibious Warfare Forces) element in this program); submarines assigned to RDT&E Project Ships element (see appropriate element in Program 6); shore-based stations and support facilities (see appropriate Base Operations element in this program); and staff activities (see appropriate element in this program); and training (see appropriate Training element in this program).

0204282N Support Forces;;

Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: Submarine Tenders (AS); and Drydocks (ARD).

Excludes units assigned to the Fleet Ballistic Missile System (see Program 1); and units assigned research and development tasks (see appropriate element in Program 6).

0204283N Submarine Support;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: Replacement, modification, and backfit of submarine communications, electronic, and ship support equipment, including FMP.

Excludes ordnance and missiles including support equipments; equipments for strategic programs; and research and development tasks (see appropriate element in Program 6).

0204284N Submarines Ordnance and Missiles;;
Includes submarine-launched ordnance, including missiles and torpedoes; ordnance support equipment including FMP; and that part of OPN, WPN, and APN attributable to Submarine Warfare.

Excludes fleet ballistic missiles and other strategic missiles and ordnance; and research and development tasks (see appropriate element in Program 6).

0204302N Mine Countermeasures Forces;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: Mine Countermeasures Ships - MSO, Mine Force Support Group, Mine Sweeper Boat (MSB), Mobile Mine Countermeasures Command

Mine Sweeper Ocean (MSO) is a 172 foot, 800 ton ship, constructed of wood and nonmagnetic metal, whose mission is to conduct mine countermeasures operations in support of amphibious assault, defense of ports and harbors, and in maintenance of sea lines of communications.

Mine Sweeper Boat (MSB) is a 57 foot, 45 ton boat, constructed of wood and nonmetal, whose mission is to conduct mine countermeasures operations in support of amphibious assault, and defense of ports and harbors.

Mine Force Support Group is assigned the mission of providing technical expertise and special equipment in performing maintenance and repair of mine countermeasures ships, boats, and aircraft, and their associated equipment when the repair or maintenance action is beyond the capability of ships force to perform.

Mobile Mine Countermeasures Command (MOMCOM) is a rapidly deployable command and control organization whose mission is planning and execution of mine countermeasures operations utilizing all available assets.

0204303N Air Mine Countermeasures Squadrons;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: HM-12 - CH-53D Airborne Mine Countermeasures Helicopters,

HM-12 - RH-53D Airborne Mine Countermeasures Helicopters

The Mission of Mine Countermeasures Helicopters is to conduct mine countermeasures operations in support of amphibious assault, defense of ports and harbors, and in maintenance of sea lines of communications.

0204304N Mines and Mine Support;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: Mobile Mine Assembly Group, and that part of OPN (Ordnance Support Equipment) attributable to Mine Warfare. Mobile Mine Assembly Group (MOMAG) is assigned the mission of providing a reservoir of trained personnel, organized in mobile units, and capable of rapid deployment to mine sites for the purpose of assembling and making final preparations of prepositioned mine stocks to support mining operations. Additionally, MOMAG is assigned the mission of maintaining the material readiness of prepositioned mine stocks.

0204311N Integrated Surveillance System;X-93-3;;
Provides the Navy with its primary means of detection of threat submarines. This program is the tactical arm of the Navy's undersea surveillance capability that provides long range detection for practical weapon platforms against submarines.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0204312N Undersea Surveillance System - Communications;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: Communications supporting the Undersea Surveillance System.

0204313N Ship-Towed Array Surveillance Systems;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: Ship-Towed Array Surveillance Systems.

0204411N Amphibious Assault Ships;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: Amphibious Command Ships (LCC), Amphibious Assault Ships (General Purpose) (LHA), Amphibious Cargo Ships (LKA), Amphibious Transports (LPA), Amphibious Transport Docks (LPD), Amphibious Assault Ships (LPH), Amphibious Transport Submarine (LPSS), Dock Landing Ships (LSD), Tank Landing Ships (LST).

Excludes tank landing ships assigned to PE 0204452N, Minor Fleet Support Ships.

0204412N Amphibious Support Ships;;

Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: Miscellaneous Command Ship (AGF).

Excludes training conducted ashore (see appropriate Training element in this program).

0204413N Amphibious Tactical Support Units;X-0-08;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: Naval Beach Groups, Beachmaster Units, Amphibious Construction Battalions, Assault Craft Units (Displacement craft), Tactical Air Control Groups, Tactical Air Control Squadrons, Harbor Clearance Units, Amphibious Maintenance Support Unit. Excludes training conducted ashore and Special Combat Forces (see appropriate elements in this program).

0204414N Amphibious Tactical Support Units (Non-displacement Craft);X-0-08;
Includes manpower authorizations, peculiar and support equipment, necessary facilties and the associated costs specifically identified and measurable to Non-displacement Assault Craft Units. Excludes training conducted ashore and manpower authorizations.

0204421N Coastal/River Forces (H);X-4-04;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Pacific: Coastal River Squadron One, *Coastalriver Division 11; Atlantic: *Coastal River Squadron Two, *Coastal River Division 21, *Coastal River Division 22

*50-50 percent active/reserve manning (see PE 0502371N).

0204422N Inshore Undersea Warfare Forces;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: Pacific: Inshore Undersea Warfare Group One: Mobile Inshore Undersea Warfare Unit (MIUW) 11, Mobile Inshore Undersea Warfare Unit (MIUW) 12; Atlantic: Inshore Undersea Warfare Group Two: Mobile Inshore Undersea Warfare Unit (MIUW) 21, Mobile Inshore Undersea Warfare Unit (MIUW) 22

0204423N Naval Special Warfare Forces;X-4-04;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Pacific - Naval Special Warfare Group ONE; Naval Special Warfare UNIT ONE (R.P.); SEAL Teams ONE, THREE, and FIVE; SDV Team ONE; and Special Boat Squadron ONE.

Atlantic - Naval Special Warfare Group TWO; Naval Special Warfare Unit TWO (U.K.); Naval Special Warfare Unit FOUR

(CARIB); SEAL Teams TWO, FOUR, and EIGHT; SDV Team TWO; and Special Boat Squadron TWO.

0204424N Explosive Ordnance Disposal Forces;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: Pacific: Explosive Ordnance Disposal Group One: Explosive Ordnance Disposal Mobile Unit One, Explosive Ordnance Disposal Training and Evaluation Unit One, Explosive Ordnance Disposal Shipboard Unit One, Atlantic: Explosive Ordnance Disposal Group Two

Excludes Naval School explosive ordnance disposal; and Naval Explosive Ordnance Disposal Facility.

0204441N Underway Replenishment Ships;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: Ammunition Ships (AE), Store Ships (AF), Combat Store Ships (AFS), General Stores Issue Ships (AKS), Oilers (AO), Fast Combat Support Ships (AOE), Replenishment Oiler (AOR).

Excludes Light Replenishment Oilers (see PE 0204452N, Minor Fleet Support).

0204451N Major Fleet Support Ships;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: Repair Ships (AR), Internal Combustion Engine Repair Ships (ARG), Seaplane Tenders (AV) - (Historical), Communication Ships (AGMR)-(Historical), Hospital Ships (AH)-(Historical).

0204452N Minor Fleet Support Ships;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: Gasoline Tanker (AOG), Cable-Laying Ships (ARC), Salvage Lifting Ships (ARSD), Salvage Ships (ARS), Fleet Ocean Tugs (ATF), Light Replenishment Oilers (AORL), Salvage and Rescue Ship (ATS), Patrol Craft Tender (AGP).

Excludes replenishment tankers assigned to PE 0204441N, Underway Replenishment Ships; tank landing ships assigned to PE 0204411N, Amphibious Assault Ships; Cable-Laying Ships (T-ARC-6) assigned to PE 0204311N, Undersea Surveillance Systems; and Landing Craft Repair Ships assigned to other elements of this program.

0204453N Direct Support Squadrons - Aircraft;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: Fleet Composite Squadrons, Helicopter Combat Support Squadrons, Aircraft Ferry Squadrons, VR Squadrons, Guided Missile Units, Fleet Electronics Warfare Support Group

(FEWSG).

Excludes Guided Missile Units engaged in training (see appropriate Training element in this program).

0204454N Special Combat Support Forces;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: Cargo Handling and Port Group, VP-4 Detachment, Atlantic Fleet Audio-Visual Command Camera Group (FLTAVCOMLANT NORVA), Atlantic Fleet Audio-Visual Command Shore Duty Component (FLTAVCOMLANT SHORDU COMP), Harbor Clearance Unit, Fleet Air Photo Lab ROOS RDS

0204455N Naval Construction Forces;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: Naval Mobile Construction Battalions, Construction Battalion Maintenance Unit, Fleet Naval Construction Battalion Staffs and Regimental Staffs, Construction Battalion Fleet Detachment

Excludes Amphibious Construction Battalions which are part of Amphibious Tactical Support.

0204456N Ship Support Improvement Program;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

RED "E" Project. Concept development, engineering, and implementation of an integrated, engineered maintenance strategy for surface ships other than those in the LOW-MIX maintenance project (below). The DEOC (Destroyer Extended Operating Cycle) program is included.

LOW-MIX Maintenance Strategy Project. Development and implementation of unique systems and facilities required for a maintenance strategy to support LOW-MIX ships with minimized maintenance manning. Includes rotatable pools, end-item change-out stocks, M&E rework facility operations, Mobile Technical Unit/Naval Ordnance System Support Office expansion, maintenance documentation, data management, transportation management, and project management.

CRU-DES IMA (Intermediate Maintenance Activity) Improvement Program. Incremental requirements to acquire, equip, and augment manning of the facilities and systems needed to provide adequate IMA support and technical training for the cruiser-destroyer forces. This IMA support will be both ashore and afloat in shore IMAs and ADs (Destroyer Tenders) respectively.

0204457N Shore Intermediate Maintenance Activities;X-80-009;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: SIMA, Norfolk, SIMA, Charleston, SIMA, Mayport, SIMA,

Airlant, NAVSUBSUPFAC, New London

SIMA, San Diego, SIMA Pearl Harbor, NAVSUBSUPFAC, Pearl Harbor

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0204458N Fleet Logistics Support;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Mobile Ordnance and Electronic Service Units (MOTU), Fleet Supply Overhaul Assistance Program (SOAP) Teams, Supply Assistance Teams

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0204561N Deep Submergence Systems;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: Manned, untethered, noncombatant deep submersibles; manned, tethered, noncombatant deep submersibles; deep diving systems; unmanned search instrument platforms; unmanned recovery platforms; noncombatant deep diving submarines; and surface support ships for deep submersibles, including ASRs.

Excludes deep diving systems assigned to Commanders of Service Forces, and Units assigned R&D tasks.

0204571N Consolidated Training Systems Development;X-93-3;;
Includes RDT&E funds to develop instrumentation systems to support fleet training and tactics assessment in surface and air warfare and tactical readiness training programs. Included is the development of range instrumentation systems and equipment on Navy test and training ranges (air/surface/subsurface) to support DT/OT testing and training in various modes of operation and environmental conditions. Further, to develop unique and specialized instrumentation for test and evaluation ranges and facilities to replace obsolete systems, improve efficiency of operation, and to provide needed capabilities to adequately test future weapons systems.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0204572N Space Activities;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: Provides for the acquisition of satellite launch vehicles, satellite ground site equipment, and attendant operations and maintenance costs associated with space activities and surveillance efforts of higher classification.

0204573N Navy Cover and Deception Program;X-93-4;;

Includes manpower authorizations, peculiar and support equipment, necessary facilities, and the associated costs specifically identified and measurable to the following: provides Cover and Deception (C&D) capabilities to the operating forces, including tactics, techniques, specialized equipment, and specially trained operating units; and support C&D training of personnel, equipment maintenance, and the testing and evaluation of tactics and techniques, and devices.

0204574N Cryptologic Direct Support;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: Military manpower performing cryptologic direct support functions aboard aircraft carriers, and shore-based electronic warfare squadrons; and military manpower, OPN and O&MN dollars associated with cryptologic direct support operations performed at the directions of FLTCINCs for units of the operating forces.

Excludes SIGINT resources programmed in the Consolidated Cryptologic Program; RDT&E dollars for cryptologic direct support, equipment and systems, which are included in the Tactical Cryptologic Program; military manpower and OPN dollars associated with cryptologic systems permanently installed aboard combatants; Headquarters resources at CINCLANTFLT, CINCPACFLT, and CINCUSNAVEUR included in PE 0204698N; and Headquarters resources at COMNAVSURFLANT and COMNAVSURFPAC Headquarters included in PE 0204898N.

0204575N Electronic Warfare (EW) Readiness Support;X-93-4;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Fleet Electronic Warfare Support Groups (FEWSG); Joint Electronic Warfare Center, San Antonio, Texas; and funds to develop operational systems to exercise Fleet EW capabilities, provide the capabilities and environment for test and evaluation of new weapon systems, and support planning in EW areas leading to formulation of concepts and identification of future deficiencies and requirements, including the following RDT&E projects: EMPASS (Electromagnetic Performance of Aircraft and Ship Systems); FEWSG support; long-range electronic warfare planning, and counter C3 development.

0204576N Counter C3 Development;X-93-4;;
Includes C3 Countermeasures systems to degrade hostile long haul communications and improve capabilities to counter enemy surveillance and targeting. Provides a continuing prototype program to investigate new ideas and concepts for disrupting hostile command, control and communications. Provides for subsequent procurement.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0204577N Counterdrug Relocatable Over-the-Horizon-Radar (ROTHR);X-94-2;;
Captures costs funded by the transfer counterdrug appropriation pertaining to development, procurement, and operation of the counterdrug Relocatable Over-the- Horizon-Radar. Activities funded in this program element will only be those approved by the Secretary of Defense and supported by the transfer appropriation.

May include civilian and certain military authorizations.

0204598N Management Headquarters (Electronic Warfare);X-3-04;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Electronic Warfare Activities in Naval Security Group Headquarters.

0204632N Sea Control Training (H);X-80-004;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to training conducted at sea and ashore in direct support of sea control forces: Submarine Forces; Surface Combatant Forces; Surveillance Forces; and Mine Warfare Forces.

Excludes General fleet training and individual training; and Fleet Ballistic Missile Submarine Training Center (see FBM System element in Program 1).

0204633N Fleet Support Training;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: Provides training for Navy personnel at the fleet level; i.e.,

Fleet Training Centers, Submarine Schools, Fleet ASW Schools, Fleet Amphibious Training, Underwater Training Groups, Fleet Mobile Training Teams.

Excludes specialized and professional training covered in Program 8).

0204641N Ship Special Support Equipment;X-9-05;
Details of this program are of a higher classification and of limited access. For further information, contact the Office of the Chief of Naval Operations (OP-08J).

0204651N Operational Headquarters (Fleet);;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Anti-Submarine Force Commander and Staff, Area Commanders, Sea Frontier Commanders, Support Aircraft assigned to Command Staffs, Naval Forces Commanders and Staffs

Excludes Fleet Marine Force Headquarters included in PE 0206498M; Management headquarters resources (refer DoDD 5100.73); Fleet Commanders and Staff and Numbered Fleet Commanders and Staff included in PE 0204698N.

0204652N Operational Headquarters (Sea Control/Projection);;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Carrier Division Commanders and Staff, Carrier Air Wing Commanders and Staff, Carrier Air Groups

Excludes Management headquarters resources (refer DoDD 5100.73).

0204654N Operational Headquarters (Sea Control - Air);;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specificaly identified and measurable to the following:

Fleet Air Wing Commanders and Staff, ASW Group Commanders and Staff

Excludes Management headquarters resources (refer DoDD 5100.73).

0204655N Operational Headquarters (Sea Control - Surface);;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Cruiser/Destroyer Groups (Commander and Staff), Cruiser/Destroyer Squadrons (Commands and Staff), Service Force Group/Squadron Commanders and Staff, Amphibious Group/Squadron Commander and Staff

Excludes Management headquarters resources (refer DoDD 5100.73).

0204656N Operational Headquarters (Sea Control - Subsurface);;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Submarine Flotilla Commanders and Staff, Submarine Squadron Commanders and Staff, Submarine Group Commanders and Staff

Excludes Management headquarters resources (refer DoDD 5100.73).

0204660N Navy Command and Control Systems (NCCS);;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: Navy Command and Control Systems. Support for the NCCS

includes responsibility for the following programs:

Fleet Command Center. Primary nodes of the NCCS and the primary interface to the worldwide Military Command and Control System.

Tactical Flag Command Centers. The "at sea" nodes of the NCCS providing tactical commanders the command and control facilities and information necessary to support the accomplishment of his assigned mission. Interfaces with the FCC.

Ocean Surveillance System. Provides all-source ocean surveillance information to the NCCS. Interfaces with the FCC.

ASW Centers Command and Control System. Provides real-time, automated, worldwide ASW operations information to the NCCS. Interfaces with the FCC.

Excludes all R&D funds.

0204661N Fleet Command Support Centers (FCSC) (H);;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: R&D, procurement, and operations resources to develop and operate Fleet Command Support Centers (FCSC) at headquarters of major naval commanders ashore. FCSCs consist of manpower, ADP equipment and software, and data displays to provide the major fleet commanders with command and control information. FCSCs are the interface between Navy World-Wide Command and Control System (NWWCCS) and JCS/NMCA (WWMCCS).

Excludes Communications resources.

0204662N Tactical Interoperability and Information Support Systems;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: O&MN, OPN, and MPN funds to support the procurement, manning, and support for Tactical Command and Control Systems. Tactical Command and Control Systems include intergrated communications, navigation, and identification systems; tactical interoperability support;and tactical navigation systems. The projects funded under this element are identified below:

Tactical Interoperability Support. O&MN, OPN, and MPN funds to support the Navy Tactical Interoperability Support Activity located in San Diego, California. Included are the necessary funds for the Multiple Unit Link-11 Test and Operational Training System. The Navy Tactical Interoperability Support Activity provides tactical data link message standards support to the CNO which includes the development, implementation, evaluation, and revision of interface standards used by tactical data systems. Also included is support for Navy participation in Joint and Allied interoperability programs.

Tactical Navigation Systems. OPN funds for the procurement of tactical navigation systems, primarily shipboard. Equipment includes receivers, beacons, transponders, direction finders, antennas, and related equipment required to complement JTIDS and/or NAVSTAR GPS, or to meet tactical navigation needs in the interim.

Joint Tactical Information Distribution System (JTIDS). OPN funds to support procurement of JTIDS user equipment

in order to provide high-data rate, crypto-secure, digital communications, common-grid relative navigation, and secure identification for tactical combat units.

0204676N Minor Construction (RPM) - Naval Air Bases;X-91-3;;
Includes manpower authorizations, peculiar and support equipment, necessary faclities and the associated cost specifically identified and measurable to the following:

All construction costing less than the statutory maximum amount for a Minor Military Construction project as established by section 2805 of title 10 U.S.C. in support of naval air forces.

0204678N Maintenance and Repair (RPM) - Naval Air Bases;X-91-3;;
Includes manpower authorizations, peculiar and support equipment, necessary faclities and the associated cost specifically identified and measurable to the following:

Maintenance and repair of real property, i.e., utilities, buildings, other facilities, pavements, (roads, parking areas, runways, etc.), land, and grounds. Includes, but not limited to, such things as repair of electrical circuitry, heating and air conditioning, water piping, and routine maintenance work such as caulking, painting, etc. in support of naval air forces.

0204679N Real Property Services (RPS) - Naval Air Bases;X-94-7;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs of utility plant operations, purchased utilities, air conditioning and refrigeration, utility fuels, fire protection, crash rescue, snow removal and ice alleviation, entomological services, window glass replacement, elevator maintenance/inspection, custodial services, refuse collection and disposal, sewer and waste systems, rental of real property, facility engineering and public works management, other installation engineering services and other annual service requirements performed in-house or by contract.

0204694N Real Property Maintenance - Naval Air Bases (H);X-93-2;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Real property maintenance at installations having a primary mission of supporting naval air forces.

Maintenance and repair of all real property: utilities systems, buildings, other facilities, pavements (roads, parking areas, etc.), land (grounds)

Minor Construction (with other than military construction funds)

Operation of utilities for all real property

Other Engineering support: fire protection, custodial services, entomology services, refuse collection and disposal , snow removal and ice alleviation, rental of real property (excluding payments to GSA, other installation engineering services.

Includes all resources in functional categories 9,10, 11 and 12 as defined in DoDD Instruction 7220.20. Also includes all resources (except manpower and military pay) used by groups/units assigned to repair/construct facilities, roads, parking areas, etc., even if the work is classified as a military unit training project.

Includes funding for reimbursement of Public Work Centers or host installations for real property maintenance of naval air activities.

Excludes costs of maintaining family housing. See PE 08087460, Family Housing Maintenance.

0204695N Base Communications - Naval Air Bases;X-80-006;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Nontactical resources supporting Naval Air Base complexes to include message center operations, base telephones, industrial security networks, crash networks, paging networks, and switchboard operations. The following types of Naval activities that provide support for TACAIR and Air ASW operations are included:

Naval Air Stations, Naval Stations (designated aviation activities), Naval Air Facilities

Excludes those systems industrially funded, or those elements ashore directly supporting the Fleet operating forces. Resources supporting COMNAVAIRLANT Headquarters are in PE 0303198N.

0204696N Base Operations - Naval Air Bases;X-95-1;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following functional categories of effort:

Administration: Installation Headquarters Administration and Command (including squadron level responsible for Base Operations), Installation Comptroller Services, Installation ADP Services, Installation Information Activities, Installation Legal Activities, Civilian Personnel Administration, Installation Military Personnel, Administration Installation Printing and Reproduction, Installation Safety, Installation Management Analysis/Management Engineering.

Retail Supply Operations: Installation Supply Activities, Installation Procurement Operation, Installation Storage Activ ities.

Maintenance of Installation Equipment: (Includes maintenance of administrative aircraft, vehicles and equipment; but excludes maintenance of tactical equipment, combat vehicle and mission aircraft).

Other Base Services: Installation Transportation Activities, Installation Training (excludes Troop training and tactical exercise). Installation Physical and Police Activities, Laundry and Dry Cleaning (for troop support and other appropriated fund activities). Installation AirField/Air Base Operations (control tower, weather, flight service, etc.) Installation Restoration.

Bachelor Housing Operations and Furnishing: (management; housing assignment, care of quarters, provisions, care preservation and maintenance of furnishings, etc.)

Other Personnel Support: Food Service; Social Action; Community Service; Chaplain Services; Bands; Morale, Welfare and Recreation.

Excluded are the following functional categories which are a part of the standard definition of Base Operating Support, but are reported under separate PEs: Real Property Services, Minor Construction, Maintenance and Repair, Base Communications, Commissary Operations (Retail and Troop Issue), Station Hospitals, Medical and Dental Clinics and Dispensaries, Family Housing.

0204698N Management Headquarters (Fleet);;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

U.S. Navy, Pacific Fleet,PACFLT HQ, Com/Nav Logistic, PAC, Headquarters Support Activity, Third Fleet HQ, Training Command - Pacific HQ, (TRAPAC), Headquarters, Naval Logistics Command,

U.S. Naval Forces, Europe, USNAVFOREUR HQ

U.S. Navy Atlantic Fleet, LANTFLT HQ, Atlantic Command Operations, Support Facility, Flag Administrative Unit - CINCLANTFLT (FAULANT)

Training Command - Atlantic HQ

Excludes nonmanagement headquarters resources and WWMCCS ADP.

0204776N Minor Construction (RPM) - Fleet Supp Surface;X-91-3;;
Includes manpower authorizations, peculiar and support equipment, necessary faclities and the associated cost specifically identified and measurable to the following:

All construction costing less than the statutory maximum amount for a Minor Military Construction project as established by section 2805 of title 10 U.S.C. in support of naval surface forces.

0204778N Maintenance and Repair (RPM) - Fleet Supp Surface;X-91-3;;
Includes manpower authorizations, peculiar and support equipment, necessary faclities and the associated cost specifically identified and measurable to the following:

Maintenance and repair of real property, i.e., utilities, buildings, other facilities, pavements, (roads, parking areas, runways, etc.), land, and grounds. Includes, but not limited to, such things as repair of electrical circuitry, heating and air conditioning, water piping, and routine maintenance work such as caulking, painting, etc. in support of naval surface forces.

0204779N Real Property Services (RPS) - Fleet Support Surface;X-94-7;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs of

utility plant operations, purchased utilities, air conditioning and refrigeration, utility fuels, fire protection, crash rescue, snow removal and ice alleviation, entomological services, window glass replacement, elevator maintenance/inspection, custodial services, refuse collection and disposal, sewer and waste systems, rental of real property, facility engineering and public works management, other installation engineering services and other annual service requirements performed in-house or by contract.

0204794N Real Property Maintenance - Fleet Supp Surface (H);X-93-2;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Real property maintenance at installations having a primary mission of supporting naval surface forces.

Maintenance and Repair of all real property

utilities systems, buildings, other facilities, pavements (roads, parking areas, etc.)

Minor construction (with other than military construction funds)

Operation of utilities for all real property

Other engineering support fire protection, custodial services, entomology services, refuse collection and disposal, snow removal and ice alleviation, rental of real property(excluding payments to GSA), other installation engineering services

Includes all resources in functional categories 9, 10, 11 and 12 as defined in DoD Instruction 7220.20. Also includes all resources (except manpower and military pay) used by groups/units assigned to repair/construct facilities, roads, parking areas, etc., even if the work is classified as a military unit training project.

Includes funding for reimbursement of Public Work Centers or host installations for real property maintenance of activities supporting naval surface forces.

Excludes costs of maintaining family housing. See PE 08087460, Family Housing Maintenance.

0204795N Base Communications - Fleet Support Surface;X-80-006;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Nontactical resources in support of Fleet Support (Surface) Base complexes to include message center operations, base telephones, industrial security networks, crash networks, paging networks, and switchboard operations. The following types of Naval activities are included:

Naval Stations, Naval Bases, Naval Amphibious Bases

Excludes those systems industrially funded, or those elements ashore directly supporting the Fleet Operating forces.

0204796N Base Operations - Fleet Support Surface;X-95-1;

Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following functional categories of effort:

Administration: Installation Headquarters Administration and Command (including squadron level responsible for Base Operations), Installation Comptroller Services, Installation ADP Services, Installation Information Activities, Installation Legal Activities, Civilian Personnel Administration, Installation Military Personnel, Administration Installation Printing and Reproduction, Installation Safety, Installation Management Analysis/Management Engineering.

Retail Supply Operations: Installation Supply Activities, Installation Procurement Operation, Installation Storage Activ ities.

Maintenance of Installation Equipment: (Includes maintenance of administrative aircraft, vehicles and equipment; but excludes maintenance of tactical equipment, combat vehicle and mission aircraft).

Other Base Services: Installation Transportation Activities, Installation Training (excludes Troop training and tactical exercise). Installation Physical and Police Activities, Laundry and Dry Cleaning (for troop support and other appropriated fund activities). Installation AirField/Air Base Operations (control tower, weather, flight service, etc.) Installation Restoration.

Bachelor Housing Operations and Furnishing: (management; housing assignment, care of quarters, provisions, care preservation and maintenance of furnishings, etc.)

Other Personnel Support: Food Service; Social Action; Community Service; Chaplain Services; Bands; Morale, Welfare and Recreation.

Excluded are the following functional categories which are a part of the standard definition of Base Operating Support, but are reported under separate PEs: Real Property Services, Minor Construction, Maintenance and Repair, Base Communications, Commissary Operations (Retail and Troop Issue), Station Hospitals, Medical and Dental Clinics and Dispensaries, Family Housing.

0204798N Management Headquarters (Sea Control/Projection);;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Naval Air Force - Pacific Hq (NAVAIRPAC) Naval Air Force - Atlantic Hq (NAVAIRLANT)

Excludes nonmanagement headquarters resources (refer DoDD 5100.73); and telecommunications activities (see PE 0303198N).

0204876N Minor Construction (RPM) - Fleet Supp Subsurface;X-91-3;;
Includes manpower authorizations, peculiar and support equipment, necessary faclities and the associated cost specifically identified and measurable to the following:

All construction costing less than the statutory maximum amount for a Minor Military Construction project as

established by section 2805 of title 10 U.S.C. in support of naval subsurface forces.

0204878N Maintenance and Repair (RPM) - Fleet Supp Subsurface;X-91-3;;
Includes manpower authorizations, peculiar and support equipment, necessary faclities and the associated cost specifically identified and measurable to the following:

Maintenance and repair of real property, i.e., utilities, buildings, other facilities, pavements, (roads, parking areas, runways, etc.), land, and grounds. Includes, but not limited to, such things as repair of electrical circuitry, heating and air conditioning, water piping, and routine maintenance work such as caulking, painting, etc. in support of naval subsurface forces.

0204879N Real Property Services (RPS) - Fleet Support Subsurface;X-94-7;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs of utility plant operations, purchased utilities, air conditioning and refrigeration, utility fuels, fire protection, crash rescue, snow removal and ice alleviation, entomological services, window glass replacement, elevator maintenance/inspection, custodial services, refuse collection and disposal, sewer and waste systems, rental of real property, facility engineering and public works management, other installation engineering services and other annual service requirements performed in-house or by contract.

0204894N Real Property Maintenance - Fleet Supp Subsurface (H);X-93-2;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Real property maintenance at installations having a primary mission of supporting naval subsurface forces.

Maintenance and repair of all real property utilities systems, buildings, other facilities, pavements (roads, parking areas, etc.), land (grounds)

Minor construction (with other than military construction funds).

Operation of utilities for all real property.

Other engineering support fire protection, custodial services, entomology services, refuse collection and disposal, snow removal and ice alleviation, rental of real property (excluding payments to GSA), other installation engineering services

Includes all resources in functional categories 9, 10, 11 and 12 as defined in DoD Instruction 7220.20. Also includes all resources (except manpower and military pay) used by groups/units assigned to repair/construct facilities, roads, parking areas, etc., even if the work is classified as a military unit training project.

Includes funding for reimbursement of Public Works Centers or host installations for real property maintenance of activities supporting naval subsurface forces.

Excludes costs of maintaining family housing. See PE 08087460, Family Housing Maintenance.

0204895N Base Communications - Fleet Support Subsurface;X-80-006;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Nontactical resources at Submarine Base complexes to include message center operations, base telephones, industrial security networks, crash networks, paging networks, and switchboard operations.

Excludes those systems industrially funded, or those elements ashore directly supporting the Fleet operating forces; and resources supporting COMNSUBLANT Headquarters which are included in PE 0303198N.

0204896N Base Operations - Fleet Support Subsurface;X-95-1;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following functional categories of effort:

Administration: Installation Headquarters Administration and Command (including squadron level responsible for Base Operations), Installation Comptroller Services, Installation ADP Services, Installation Information Activities, Installation Legal Activities, Civilian Personnel Administration, Installation Military Personnel, Administration Installation Printing and Reproduction, Installation Safety, Installation Management Analysis/Management Engineering.

Retail Supply Operations: Installation Supply Activities, Installation Procurement Operation, Installation Storage Activ ities.

Maintenance of Installation Equipment: (Includes maintenance of administrative aircraft, vehicles and equipment; but excludes maintenance of tactical equipment, combat vehicle and mission aircraft).

Other Base Services: Installation Transportation Activities, Installation Training (excludes Troop training and tactical exercise). Installation Physical and Police Activities, Laundry and Dry Cleaning (for troop support and other appropriated fund activities). Installation AirField/Air Base Operations (control tower, weather, flight service, etc.) Installation Restoration.

Bachelor Housing Operations and Furnishing: (management; housing assignment, care of quarters, provisions, care preservation and maintenance of furnishings, etc.)

Other Personnel Support: Food Service; Social Action; Community Service; Chaplain Services; Bands; Morale, Welfare and Recreation.

Excluded are the following functional categories which are a part of the standard definition of Base Operating Support, but are reported under separate PEs: Real Property Services, Minor Construction, Maintenance and Repair, Base Communications, Commissary Operations (Retail and Troop Issue), Station Hospitals, Medical and Dental Clinics and Dispensaries, Family Housing.

0204898N Management Headquarters (Surface);;

Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Surface Force - Pacific Headquarters (SURFPAC) Surface Force - Atlantic Headquarters (SURFLANT) Headquarters, Mine Warfare Command (MINEWARCOM)

Excludes nonmanagement headquarters resources (refer DoDD 5100.73).

0204976N Minor Construction (RPM) - Fleet Log Support;X-91-3;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated cost specifically identified and measurable to the following:

All construction costing less than the statutory maximum amount for a Minor Military Construction project as established by section 2805 of title 10 U.S.C. in support of fleet logistics.

0204978N Maintenance and Repair (RPM) - Fleet Log Support;X-91-3;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated cost specifically identified and measurable to the following:

Maintenance and repair of real property, i.e., utilities, buildings, other facilities, pavements, (roads, parking areas, runways, etc.), land, and grounds. Includes, but not limited to, such things as repair of electrical circuitry, heating and air conditioning, water piping, and routine maintenance work such as caulking, painting, etc. in support of fleet logistics.

0204979N Real Property Services (RPS) - Fleet Logistics Support;X-94-7;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs of utility plant operations, purchased utilities, air conditioning and refrigeration, utility fuels, fire protection, crash rescue, snow removal and ice alleviation, entomological services, window glass replacement, elevator maintenance/inspection, custodial services, refuse collection and disposal, sewer and waste systems, rental of real property, facility engineering and public works management, other installation engineering services and other annual service requirements performed in-house or by contract.

0204994N Real Property Maintenance - Fleet Log Support (H);X-93-2;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Real property maintenance at installations having a primary mission of providing Fleet Logistics Support.

Maintenance and repair of all real property utilities systems, buildings, other facilities, pavements (roads, parking areas, etc.), land (grounds)

Minor Construction (with other than military construction funds).

Operation of utilities for all real property.

Other engineering support fire protection, custodial services, entomology services, refuse collection and disposal, snow removal and ice alleviation, rental of real property (excluding payments to GSA) other installation engineering services

Includes all resources in functional categories 9, 10, 11 and 12 as defined in DoD Instruction 7220.20. Also includes all resources (except manpower and miitary pay) used by groups/units assigned to repair/construct facilities, roads, parking areas, etc., even if the work is classified as a military unit training project.

Includes funding for reimbursement of Public Works Centers or host installations for real property maintenance of fleet logistics support activities.

Excludes costs of maintaining family housing. See PE 08087460, Family Housing Maintenance.

0204995N Base Communications - Fleet Logistics Support;X-80-006;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Nontactical resources at Fleet Logistic Support Base çomplexes to include message center operations, base telephones, industrial security networks, crash networks, paging networks, and switchboard operations. The following types of Naval activities are included:

Naval Activities, Naval Stations, Naval Supply Depots

Excludes those systems industrially funded, or those elements ashore directly supporting the Fleet operating forces.

0204996N Base Operations - Fleet Logistics Support;X-95-1;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following functional categories of effort:

Administration: Installation Headquarters Administration and Command (including squadron level responsible for Base Operations), Installation Comptroller Services, Installation ADP Services, Installation Information Activities, Installation Legal Activities, Civilian Personnel Administration, Installation Military Personnel, Administration Installation Printing and Reproduction, Installation Safety, Installation Management Analysis/Management Engineering.

Retail Supply Operations: Installation Supply Activities, Installation Procurement Operation, Installation Storage Activ ities.

Maintenance of Installation Equipment: (Includes maintenance of administrative aircraft, vehicles and equipment; but excludes maintenance of tactical equipment, combat vehicle and mission aircraft).

Other Base Services: Installation Transportation Activities, Installation Training (excludes Troop training and

tactical exercise). Installation Physical and Police Activities, Laundry and Dry Cleaning (for troop support and other appropriated fund activities). Installation AirField/Air Base Operations (control tower, weather, flight service, etc.) Installation Restoration.

Bachelor Housing Operations and Furnishing: (management; housing assignment, care of quarters, provisions, care preservation and maintenance of furnishings, etc.)

Other Personnel Support: Food Service; Social Action; Community Service; Chaplain Services; Bands; Morale, Welfare and Recreation.

Excluded are the following functional categories which are a part of the standard definition of Base Operating Support, but are reported under separate PEs: Real Property Services, Minor Construction, Maintenance and Repair, Base Communications, Commissary Operations (Retail and Troop Issue), Station Hospitals, Medical and Dental Clinics and Dispensaries, Family Housing.

0204998N Management Headquarters (Subsurface);;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Submarine Force - Pacific Hq (SUBPAC) Submarine Force - Atlantic Hq (SUBLANT)

Excludes nonmanagement headquarters resources (refer DoDD 5100.73); and telecommunications activities (see PE 0303198N).

0205076N Minor Construction (RPM) - Other Base Supp;X-91-3;;
Includes manpower authorizations, peculiar and support equipment, necessary faclities and the associated cost specifically identified and measurable to the following:

All construction costing less than the statutory maximum amount for a Minor Military Construction project as established by section 2805 of title 10 U.S.C.

0205078N Maintenance and Repair (RPM) - Other Base Supp;X-91-3;;
Includes manpower authorizations, peculiar and support equipment, necessary faclities and the associated cost specifically identified and measurable to the following:

Maintenance and repair of real property, i.e., utilities, buildings, other facilities, pavements, (roads, parking areas, runways, etc.), land, and grounds. Includes, but not limited to, such things as repair of electrical circuitry, heating and air conditioning, water piping, and routine maintenance work such as caulking, painting, etc.

0205079N Real Property Services (RPS) - Other Base Support;X-94-7;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs of

utility plant operations, purchased utilities, air conditioning and refrigeration, utility fuels, fire protection, crash rescue, snow removal and ice alleviation, entomological services, window glass replacement, elevator maintenance/inspection, custodial services, refuse collection and disposal, sewer and waste systems, rental of real property, facility engineering and public works management, other installation engineering services and other annual service requirements performed in-house or by contract.

0205094N Real Property Maintenance - Other Base Supp (H);X-93-2;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Real property maintenance at minor installations having a primary mission of providing miscellaneous other support.

Maintenance and repair of all real property utilities systems, buildings, other facilities, pavements (roads, parking areas, etc), land (grounds)

Minor construction (with other than military construction funds).

Operation of utilities for all real property.

Other engineering support fire protection, custodial services, entomology services, refuse collection and ice alleviation, rental of real property(excludes payments to GSA), other installation engineering services

Includes all resources in functional categories 9, 19, 11 and 12 as defined in DoD Instruction 7220.20. Also includes all resources (except manpower and military pay) used by groups/units assigned to repair/construct facilities, roads, parking areas, etc., even if the work is classified as a military unit training project.

Includes funding for reimbursement of Public Works Centers or host installations for real property maintenance of miscellaneous activities providing other base support.

Excludes costs of maintaining family housing. See PE 08087460, Family Housing Maintenance.

0205095N Base Communications - Other Base Support;X-80-006;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Nontactical resources at Fleet Logistic Support Bases (other than maintenance, ordnance or supply activities) to include message center operations, base telephones, industrial security networks, crash networks, paging networks and switchboard operations.

Excludes those systems industrially funded, or those elements ashore directly supporting the Fleet operating forces.

0205096N Base Operations - Other Base Support;X-95-1;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs

specifically identified and measurable to the following functional categories of effort:

Administration: Installation Headquarters Administration and Command (including squadron level responsible for Base Operations), Installation Comptroller Services, Installation ADP Services, Installation Information Activities, Installation Legal Activities, Civilian Personnel Administration, Installation Military Personnel, Administration Installation Printing and Reproduction, Installation Safety, Installation Management Analysis/Management Engineering.

Retail Supply Operations: Installation Supply Activities, Installation Procurement Operation, Installation Storage Activ ities.

Maintenance of Installation Equipment: (Includes maintenance of administrative aircraft, vehicles and equipment; but excludes maintenance of tactical equipment, combat vehicle and mission aircraft).

Other Base Services: Installation Transportation Activities, Installation Training (excludes Troop training and tactical exercise). Installation Physical and Police Activities, Laundry and Dry Cleaning (for troop support and other appropriated fund activities). Installation AirField/Air Base Operations (control tower, weather, flight service, etc.) Installation Restoration.

Bachelor Housing Operations and Furnishing: (management; housing assignment, care of quarters, provisions, care preservation and maintenance of furnishings, etc.)

Other Personnel Support: Food Service; Social Action; Community Service; Chaplain Services; Bands; Morale, Welfare and Recreation.

Excluded are the following functional categories which are a part of the standard definition of Base Operating Support, but are reported under separate PEs: Real Property Services, Minor Construction, Maintenance and Repair, Base Communications, Commissary Operations (Retail and Troop Issue), Station Hospitals, Medical and Dental Clinics and Dispensaries, Family Housing.

02050970 (M,N) Marine Corps Security Forces;X-0-08;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: Marine Corps Security Forces at designated naval installations which provide security for special weapons, sensitive compartmentalized information, nuclear refueling operations, ground defense of overseas bases, storage of large quantities of conventional munitions overseas, major headquarters of fleet commanders or operational control centers, and other short-term emergency or military operations as directed. Excludes costs associated with security forces assigned as ships' detachments (see Sea Control/Projection Forces).

0205601N HARM Improvement;X-3-03;
RDT&E funding for the Joint Service P3I program which will include near and far term performance improvements, cost reduction, and studies that establish future development requirements. Specific initial efforts include lower cost seeker component development and seeker aided fuzing to enhance warhead performance in low angle impacts and against certain ship targets.

Excludes civilian and military manpower and their related costs and military construction costs which will be

included in appropriate management and support elements.

0205603N HARPOON Improvements (H);X-80-004;
Includes RDT&E,N funding necessary to ensure that the newly developed HARPOON Missile System capabilities are kept current with the changing nature of emerging defensive systems employed on potential enemy ships.

Excludes civilian and military manpower and their related costs and miitary construction costs which are included in appropriate management and support elements in this program.

0205604N Tactical Data Links;X-93-3;;
Includes RDT&E funds to develop and improve the Navy's tactical data link systems which include Navy JTIDS, Link-11 improvements, C2 processing and MIDS. Joint Tactical Information Distribution System (JTIDS) and Tactical Digital Information Link J (TADIL J) will provide a tactical, L-Band, secure, jam-resistant, simultaneous multi-netting, digital data and voice communication's system for installation in surface combatants and tactical aircraft. C2 Processing and Link-11 Improvements includes civilian U.S. direct hire manpower and R&D funds to develop a capability for automated processing, integration, correlation, and display of ocean surveillance information from all available sources concerning activities on, over, or under the world's oceans, and for dissemination of this information to naval commanders. Also included are RDT&E funds to develop the Multifunctional Information Distribution System (MIDS); a multinational effort which will provide a tactical information system terminals fully compatible with JTIDS Time Division Multiple Access (TDMA) Class 2 terminals.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0205605N Directional JEZEBEL Sonobuoy System (H);;

0205616N Aircraft System Fleet Support (H);;

0205617N All Weather Carrier Loading System (H);;

0205618N Target Fleet Support (H);;

0205619N Aircraft Launch and Retrieval Fleet Support (H);;

0205620N Surface ASW Combat System Integration;X-93-3;;

Includes RDT&E funds to develop and evaluate an integrated ASW combat system for surface combatants. The development will utilize standard modular building blocks as well as software developments for the correlation of individual ASW to provide a federated ASW combat system capable of rapid and coordinated ASW inputs to the combat direction system in cruiser, destroyer, and frigate class ships. Also included are RDT&E funds to integrate improvements to the existing AN/SQQ-89 Surface ASW System.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0205621N Air Anti-Submarine Warfare Fleet Support (H);;

0205622N DASH Weapons System (H);;

0205623N Surface Ship Sonar Modernization;;
Includes RDT&E funds to develop, test, and evaluate selective subsystem improvements to the surface ship AN/SQS-26 sonar.

0205624N AN/SQR-18A Improvement;X-80-003;
Includes RDT&E funds for engineering development of improvements to the AN/SQR-18A TACTAS to permit installation on FF-1052 Non-IVDS ships and to provide a back up system to the AN/SQR-19 TACTAS.

Excludes civilian and military manpower and their related costs which are included in appropriate management and support elements in this program.

0205625N AN/SQS-23 Sonar (H);;

0205626N Sonar Fleet Support (H);;

0205628N ASROC Weapons System (H);;

0205629N Torpedo MK-46 (H);;

0205630N Torpedo Support Equipment (H);;

Includes RDT&E funds to reduce Anti-Submarine Rocket (ASROC) susceptibility to Hazards of Electromagnetic Radiation to Ordnance (HERO), and to provide improved accuracy in the testing of HERO Components. Efforts involve the design, fabrication, and testing of a HERO-safe Ignition and Separation Assembly (ISA) and an ASROC Missile Bench Test Set.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0205632N MK-48 ADCAP;X-94-3;;
Contains resources for production & development of the Advanced Capabilities (ADCAP) modifications to the MK 48 torpedo.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0205633N Aviation Improvements;X-93-3;;
Includes RDT&E funds for rapid improvement in material readiness and reduction or avoidance of operating and support costs through carefully selected projects specifically designed to decrease the frequency of demands for maintenance and repair. This program includes efforts to apply new technology to common support equipment necessary to support new aircraft; develop standardized Automated Test Equipment with computer assisted, multi-function capabilities to support testing of aircraft subsystems and missiles; provides engineering support for in-service out-of-production aircraft equipment and increased readiness at reduced operational and support cost; provides critical sustaining engineering support for in-service Navy aircraft engines, transmissions, propellers, starters, auxiliary power units, electrical generating systems, fuel systems, and fuels and lubricants.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0205634N Submarine Silencing;;
Includes RDT&E funds to provide continuing efforts to quiet our submarine platforms, making them compatible with installed sonars by reducing self and radiated noise. The funds will be used to define noise problems, develop corrective designs, materials and procedures, and determine effectiveness of silencing measures.

0205635N Ship Support (ASWEPS) (H);;

0205636N Ammunition Fleet Support (H);X-80-004;
Includes RDT&E funds to investigate deficiencies of in-service ammunition and to provide corrective action. The corrective action may be instigated by malfunction reports, surveillance reports or studies performed by the various design agents supported under this task. Engineering changes may also be dictated by the state of the art, functional, performance, or producability shortcomings rather than a deficiency, as defined in the original

requirement. When situations arise, the appropriate activity is expected to be responsive; however, the only source of funds immediately available is in this effort. The factors influencing program requirements for fleet ammunition are: safety, effectiveness, reliability, technological advances, and fleet requirements. The Fleet is provided safer, more reliable, and more effective ammunition as a result of these efforts.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0205637N Ordnance Fleet Support (H);;

0205638N Surface Missile Systems Project (H);X-80-004;

0205639N SHRIKE (H);;

0205640N SADEYE (H);;

0205644N BULLPUP Weapons Systems (H);;

0205645N Modular Guided Glide Weapons Improvement Program;;
Includes RDT&E funds for development and testing of an improved WALLEYE II with extended range and data link control. The basic WALLEYE weapon was released for Fleet use in March 1966.

Excludes related civilian personnel authorizations, military personnel authorizations, and their associated costs and appropriation costs other than RDT&E which are identified to other appropriate elements in either Program 2 or Program 6.

0205646N Chemical Warfare Weapons System (H);;

0205649N AN/SPS-48 Radar (H);;

0205650N ROCKEYE (H);;

0205651N Navigational Systems (H);;

0205652N Naval Tactical Data Systems (H);;

0205655N Electronics Fleet Support (H);;

0205656N Command and Control Centers (H);;

0205657N Marine Propulsion (H);;

0205658N Navy Science Assistance Program;X-93-3;;
Includes funds to provide on request Navy laboratory assistance to Navy and Marine Corps operational forces for the purpose of research and development efforts directed toward development, engineering, and test of systems, support programs, vehicles, and weapons. Technical problems addressed related to in-service systems where application of new or existing technologies will broaden the envelope of performance and thus effect significant improvement in operational readiness. Efforts are intended to complement the normal system for RDT&E by serving as a catalyst to identify hitherto unaddressed operational needs, demonstrated feasible solutions, and proposed draft operational requirements which are then followed up by the normal RDT&E process. Efforts are broad in scope, sampling the entire spectrum of Fleet and Fleet Marine Force systems, support programs, vehicles, and weapons.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0205660N MK 48 Torpedo (H);;
Includes RDT&E funds to complete development of the MK 48 Torpedo which is both an ASW and an antisurface weapon. Included also are funds to modify and test for compatibility, fire control, and launcher subsystems. Development of a suitable target completes the effort for this weapon system which will replace all other conventional submarine torpedos.

0205661N Submarine ASW Weapon Improvement (H);X-78-003;
Includes SUBROC which is an in-service, submarine-launched, inertially guided missile with a nuclear depth bomb as a payload. SUBROC was developed in 1958 and many repair parts are no longer available from industry due to changing technology. Therefore, some design changes are necessary in the inertial measurement unit to incorporate these technological advances. This program provides the necessary R&D support to develop a Service Life Extension ORDALT to extend the service life of SUBROC and maintain its reliability.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0205662N Aircraft Propulsion Evaluation General;;
Includes RDT&E funds for test and evaluation of gas turbines, propellers, and accessories (including fuels and lubricants) approved for service use, to provide and update engine and component specifications, and to assist contractors who do not have adequate facilities to conduct their own qualification tests.

0205663N Aircraft Flight Test - General;;
Includes RDT&E funds for a continuing flight test and related engineering work associated with determining whether aircraft weapon systems, developed under contract, comply with contract guarantees and specifications, and whether the aircraft weapon systems, components, and related equipment are suitable for service use. Funds also support the Special Flight Test Instrumentation Pool and Navy Test Pilot School.

Excludes development testing for which specific project funds have been provided.

0205664N SIDEWINDER Missile (AIM-9L) (H);;
Includes RDT&E funding supporting development and testing of the SIDEWINDER, AIM-9L air-to-air missile system.

0205665N PHOENIX (AIM-54) (H);;
Includes RDT&E funds to support development and testing of the PHOENIX air-to-air missile system.

0205666N F-14B (H);;
Includes RDT&E funding supporting development of a multimission, supersonic, attack, carrier-based aircraft exploiting the latest technology, especially in the field of propulsion.

0205667N F-14 Upgrade;X-5-07;
Includes RDT&E funding supporting development of follow-on and retrofitable aspects of a multimission, supersonic, attack, carrier-based aircraft exploiting the latest technology.

Excludes manpower authorizations and their related costs.

0205668N SPARROW (AIM-7F) (H);X-78-003;
Includes RDT&E funding supporting development and testing of the SPARROW, AIM-7F air-to-air missile system.

0205669N CONDOR (AGM-53) (H);X-78-003;
Includes RDT&E funding for continuation of CONDOR development and test programs for this medium range, standoff,

air-to-surface missile.

0205670N Tactical Intelligence Processing;;
Includes RDT&E funds to develop required improvements for the Navy's shipboard integrated operational intelligence centers. Operational IOIC systems capabilities will be advanced by improvements in selected equipments, computer programing, and innovations in storage and retrieval techniques.

0205674N Electronic Warfare Counter Response;X-93-4;;
Includes RDT&E funds necessary to expand the EA-6B jamming capability to respond to the wide range of present and projected threats in the radio frequency (RF) spectrum. The primary EA-6B missions of strike support and fleet defense will be enhanced by development of improved jammers, receivers, and increased reliability.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in Program 6.

0205675N Operational Nuclear Power Systems;X-94-3;;
Design, develop, and evaluate improvements to existing systems to further improve component performance and increase reliability, and to assure continued safe operating conditions; develop equipment and methods needed for servicing and inspecting nuclear propulsion plant components; test existing structural materials to resolve emergent defects.

0205680N Standard ARM (H);;

0206110M AV-8 Squadrons (Marine Air Wing);;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: AV-8 Squadrons- Harrier Aircraft.

Excludes base and mission support (see appropriate Base Operations and Tactical Combat Support elements in this program); and ashore training (see appropriate Training element in this program).

0206111M A-4 Squadrons (Marine Air Wing);;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: Attack Squadrons (VMA).

Excludes base and mission support (see appropriate Base Operations and Tactical Combat Support elements in this program); and ashore training (see appropriate Training element in this program).

0206112M A-6 Squadrons (Marine Air Wing);;

Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: Attack Squadrons (VMA) (AW).

Excludes base and mission support (see Base Operations and Tactical Combat Support elements in this program); and ashore training (see appropriate Training element in this program).

0206114M F-4 Squadrons (Marine Air Wing);;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: Fighter/Attack Squadrons (VMFA).

Excludes base and mission support (see appropriate Base Operations and Tactical Combat Support elements in this program); and ashore training (see appropriate Training element in this program).

0206115M F-8 Squadrons (Marine Air Wing) (H);;

0206116M Marine Fighter/Photo Reconn and Attack/EW Squadrons (H);X-79-007;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: RF-4 Photo reconnaissance aircraft; and EA-6 electronic countermeasures aircraft.

RF-4B: To perform all-weather, multisensor, tactical reconnaissance immediately responsive to needs of all Marine Corps forces ashore. Reconnaissance version of F-4B has photo, side-looking radar, and infrared sensors compatible with Marine Corps short field landing installations and all CVAs equipped with ships Inertial Navigation System.

EA-6A: To support airborne and surfaces in a land or sea environment by suppressing enemy electronic activity by conducting Electronic Countermeasures (ECM) and Electronic Warefare Support Measures (ESM) operations.

Excludes base and mission support (see appropriate Base Operations and Tactical Combat Support elements in this program); and ashore training (see appropriate Training element in this program).

0206117M Light Anti-Aircraft Missile (LAAM) Battalion;X-8-05;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Headquarters and Service Battery, Missile Batteries (Hawk).

0206118M Tactical Air Control Systems (Marine Air Wing);;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Headquarters and Headquarters Squadron (MACG), Marine Air Control Squadrons (Manual), Marine Air Control Squadrons

(Automatic), Marine Air Control Squadrons

Excludes air traffic control units (see appropriate element in this program).

0206119M CH-37 Squadrons (H);;

0206120M UH-1E Squadrons (Marine Air Wing);;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: UH-1E aircraft in Marine Light Helicopter Squadrons (HML).

Excludes base and mission support (see appropriate Base Operations and Helo Combat Support elements in this program); and ashore training (see appropriate Training element in this program).

0206121M CH-46/V-22 Squadrons (Marine Air Wing);X-9-05;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: Medium Helicopter Squadron (HMM).

Excludes base and mission support (see appropriate Base Operations and Helo Combat Support elements in this program); and ashore training (see appropriate Training element in this program).

0206122M CH-53 Squadrons (Marine Air Wing);;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: Heavy Helicopter Squadron (HMH).

Excludes base and mission support (see appropriate Base Operations and Helo Combat Support elements in this program).

0206123M UH-34 Squadrons (Marine Air Wing) (H);;

0206124M VMO Squadrons (Marine Air Wing);;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

OV-10 Aircraft, AH-1 Aircraft in Marine Observation Squadrons (VMO)

Excludes base and mission support (see appropriate Base Operations and Helo Combat Support elements in this program); and ashore training (see appropriate Training element in this program).

0206125M Helicopter Combat Support (Marine Air Wing);;

Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: Marine aircraft groups (less exclusions):

Hqs and Maintenance Squadrons, Marine Air Base Squadrons

Excludes tactical combat support (see appropriate tactical support element in this program); helicopter squadrons (see appropriate elements in this program); observation squadrons (see Observation Squadrons elements in this program); field logistics support (see PE 0206315M, Force Service Support Group); air traffic control units (see PE 0206118M, Tactical Air Control Systems); and base and mission support (see appropriate elements).

0206126M Tactical Combat Support (Marine Air Wing);;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: Marine Air Wing (less exclusions):

Wing Headquarters, Headquarters Squadron, Wing Weapons Unit, Air Weapons Training Unit, Trainee Management Unit/Trainee Management Element, MAG-VF/VA (Marine Air Groups - Fighter Aircraft/Attack Aircraft):, Hqs and Maintenance Squadrons, Marine Air Base Squadrons, Wing Support Groups:, Hqs and Group Maintenance Squadrons, Engineer Squadron, Transport Squadron

Excludes helicopters (see appropriate element in this program); tactical fixed wing squadrons (see appropriate element in this program); base and mission support (see appropriate elements); field logistical support (see PE 0206315M, Field Service Support Group); and air traffic control units (see PE 0206118M, Tactical Air Control Systems).

0206127M KC-130 Squadrons (Marine Air Wing);;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: Aerial Refueler Transport Squadron (VMGR)

Excludes base and mission support (see appropriate Base Operations and Tactical Combat Support elements in this program); and ashore training (see appropriate Training element in this program).

0206128M Low Altitude Air Defense Battalion (LAAD);X-8-05;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Headquarters and Service Battery, Battalion Headquarters, LAAD Batteries (STINGER).

0206129M Other Squadrons (H);;

0206130M F-14 Squadrons (MAW) (H);;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs

specifically identified and measurable to the following: F-14 Squadrons (Marine Air Wing)

0206131M Marine Light/Attack Helicopter Squadron (HML/A);X-7-09;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: Marine Light/Attack Helicopter Squadrons (HML/A)

0206132M Fleet Marine Forces Direct Support (H);;
Includes: C-9 Aircraft, T-39 Aircraft, CT-39 Aircraft

0206133M CH-60 Squadrons (Marine Air Wing);X-9-05;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

CH-60 Squadrons (Marine Air Wing).

0206134M F/A-18 Squadrons (MAW);X-4-03;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Marine Fighter Attack Squadrons.

Excludes Base and Mission Support (see appropriate Base Operations and Tactical Combat Support elements in this program).

Training- (see appropriate Training element in this program)

0206138M Air Launched Ordnance and Missiles (MAW) (TACAIR);;
Includes that part of OPN-3 (Air-Launched Ordnance) and WPN 2 (Missiles) attributable to the Marine Corps portion of TACAIR.

0206139M Aviation Support (MAW) (TACAIR);;
Includes that part of APN aircraft support programs, such as aircraft modifications, nonforce-generated spare and repair parts, and aircraft support equipment and facilities, which is not distributed by individual aircraft model, but is attributable to the Marine Corps portion of TACAIR.

0206140M Air-Launched Ordnance and Missiles (MAW) (Land Forces);;
Includes that part of OPN-3 (Air-Launched Ordnance) and WPN 2 (Missiles) attributable to Land Forces.

0206141M Aviation Support (MAW) (Land Forces);;
Includes that part of APN aircraft support programs, such as aircraft modifications, nonforce-generated spare and repair parts, and aircraft support equipment and facilities, which is not distributed by individual aircraft model, but is attributable to Land Forces.

0206142M Marine Tactical Reconnaissance Squadron;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: Perform all weather, multisensor, tactical reconnaissance in support of Fleet Marine operations. Reconnaissance version of F-4B; has optical photo sidelooking radar and infrared sensors; and compatible with Marine Corps Short Airfield for Tactical Support (SATA) and carriers.

Excludes base and mission support (see Base Operations and Tactical Combat Support elements in this program); and training (see training element in this program).

0206143M Marine Tactical Electronic Warfare Squadron;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: Perform tactical electronic warfare support for Fleet Marine Force operations. The EA-6A/B tactical jamming systems are employed to degrade and suppress enemy communications and noncommunications systems associated with surface and air threats.

Excludes base and mission support (see Base Operations and Tactical Combat Support elements in this program); and training (see training element in this program).

0206144M F/A-18 Tactical Reconnaissance Squadron (MAW);X-4-03;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

To perform all-weather, multisensor tactical reconnaissance in support of Fleet Marine Force Operations.

Excludes Base and Mission Support - (see Base Operations and Tactical Combat Support elements in this program); and Training (see Training element in this program).

0206150M Marine TACAIR Wing Staff Flying;X-7-07;
Includes funding for Marine TACAIR wing staff flying. Funds include direct O&MN costs only which are required for the training of MAW crews, exclusive of those costs included in other program elements for squadron aircrew training.

0206211M Divisions (Marine);X-78-002;

Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Marine Division Headquarters, Infantry Regiments, Artillery Regiments, Tank Battalions, Assault Amphibious Battalions, Reconnaissance Battalions, and Combat Engineer Battalions.

Excludes base and mission support (see appropriate elements in this program); and field logistical support (see PE 0206315M, Field Service Support Groups).

0206311M Force Troops (Marine) (H);X-78-002;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Tank Battalions; Interpreter Teams; Assault Amphibian Battalions; Headquarters Companies - Force Troops; Headquarters Batteries, Field Artillary Group, 175MM Gun Batteries Searchlight Batteries 155MM Howitzer Batteries (SP) Tracked Vehicle Battalions 8 inch Howitzer Batteries Civil Affairs Group Communications Support Company Special Security Communications Teams; Communications Battalions; Air and Naval Gunfire Liaison Companies (ANGLICO); LHA Nucleus Staffs (ANGLICO) Topographic Company Force Reconnaissance Companies; and Counterintelligence Teams.

Excludes field logistical support to all Fleet Marine Force Units.

0206312M Other Combat Support (Marine);X-6-03;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and associated costs specifically identified and measurable to the following:

Headquarters of Marine Amphibious Force, Marine Amphibious Brigade, Marine Amphibious Unit, Communications Battalions, Force Reconnaissance Companies, Air and Naval Gunfire Liaison Companies, and Topographic Platoons.

Excludes base and mission support activities (see appropriate Base Operations in these programs), and telecommunications activities ashore primarily supporting Fleet Marine Force Commands.

0206313M Marine Corps Communications Systems;X-94-3;;
Includes RDT&E and procurement resources for the development and procurement of tactical telecommunications systems and equipments.

Excludes communications integral to weapons systems, avionics equipment, radars, sensors, and signal intelligence equipment; and resources identified to the Joint Tactical Communications Program (TRI-TAC).

0206314M SIGINT/EW Tactical Support;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: SIGINT/EW direct support resources that are an integral component of the commander's tactical system.

0206315M Force Service Support Group (FSSG);;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Force Service Support Groups: Hqs and Support Battalions, Supply Battalions, Motor Transport Battalions, Engineer Support Battalions, Maintenance Battalions, Medical Battalions, Dental Companies, Centralized Field Logistical Support to all Fleet Marine Force Units

Excludes direct aircraft support costs.

0206476M Minor Construction (RPM) - Forces (Marine Corps);X-91-3;;
Includes manpower authorizations, peculiar and support equipment, necessary faclities and the associated cost specifically identified and measurable to the following:

All construction costing less than the statutory maximum amount for a Minor Military Construction project as established by section 2805 of title 10 U.S.C. in support of Marine Corps installations.

0206478M Maintenance and Repair (RPM) - Forces (Marine Corps);X-91-3;;
Includes manpower authorizations, peculiar and support equipment, necessary faclities and the associated cost specifically identified and measurable to the following:

Maintenance and repair of real property, i.e., utilities, buildings, other facilities, pavements, (roads, parking areas, runways, etc.), land, and grounds. Includes, but not limited to, such things as repair of electrical circuitry, heating and air conditioning, water piping, and routine maintenance work such as caulking, painting, etc. in support of Marine Corps installations.

0206479M Real Property Services (RPS) - Forces;X-94-7;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs of utility plant operations, purchased utilities, air conditioning and refrigeration, utility fuels, fire protection, crash rescue, snow removal and ice alleviation, entomological services, window glass replacement, elevator maintenance/inspection, custodial services, refuse collection and disposal, sewer and waste systems, rental of real property, facility engineering and public works management, other installation engineering services and other annual service requirements performed in-house or by contract.

0206480M Norway Geo-prepositioning;X-92-4;;
Includes costs specifically identifiable to operations, exercises, training and maintenance requirements for the Norway Air-Landed Marine Expeditionary Brigade associated with equipment and supplies prepositioned in Central Norway.

0206493M F/A-18 Training Fighter Squadron (MAW) (H);X-4-03;

Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: Marine Training Squadrons

Excludes Training chargeable to Program 8 - Training Support Activities identified with Base Operations in this program.

0206494M Real Property Maintenance - Forces (Marine Corps) (H);X-93-2;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Real property maintenance at Marine Corps fixed program 2 installation.

Maintenance and repair of all real property: utilities systems, buildings, other facilities, pavements (roads, parking areas, etc.), land (grounds)

Minor construction (with other than military construction funds).

Operation of utilities for all real property.

Other engineering support. fire protection, custodial services, entomology services, refuse collection and disposal, snow removal and ice alleviation, rental of real property(excluding payments to GSA), other installation engineering services

Includes all resources in functional categories 9, 10, 11, and 12 as defined in DoD Instruction 7220.20. Also includes all resources (except manpower and military pay) used by groups/units assigned to specific BOS tasks on an ad hoc basis such as Army Engineer/Red Horse/Naval Construction Force units assigned to repair/construct facilities, roads, parking areas, etc., even if the work is classified as a military unit training project.

Includes funding for reimbursement of Public Works Centers or host installations for real property maintenance for Marine Corps Program 2 units and activities.

Exclude costs of maintaining family housing. (see PE 08087460, Family Housing Maintenance.)

0206495M Base Communications - Forces (Marine Corps);X-80-001;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: Resources chargeable to telecommunications activities operated in support of the base complex at which located. Activities include station operations related to base telephone facilities, communication centers, and security networks.

Excludes IF systems and telecommunications activities ashore primarily supporting Fleet Marine Force Commands.

0206496M Base Operations - Forces (Marine Corps);X-95-1;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following functional categories of effort:

Administration: Installation Headquarters Administration and Command, Installation Comptroller Services, Installation ADP Services, Installation Information Activities, Installation Legal Activities, Installation Civilian Personnel Administration, Installation Military Personnel Administration, Installation Printing and Reproduction, Installation Safety, Installation Management Analysis/Management Engineering.

Retail Supply Operations, Installation Supply Activities, Installation Storage Activities.

Maintenance of Installation Equipment (Includes maintenance of administrative aircraft, vehicles and equipment but excludes maintenance of tactical equipment, combat vehicles and mission aircraft).

Other Base Service: Installation Transportation Activities, Installation Training (excluding troop training and tactical exercises). Installation Physical Security Police Activities, Laundry and Dry Cleaning (for troop support and other appropriated fund activities). Installation Airfield/Air Base Operations (control tower, weather, flight services, etc.), installation Restoration.

Bachelor Housing Operations and furnishings (management, housing assignment, care of quarters, provisions, care preservation and maintenance of furnishings, etc.).

Other Personnel Support: Food Service, Social Action, Community Services, Chaplains, Bands, Morale, Welfare, and Recreation. Also includes funding for reimbursement of Public Works Centers or host installations for base operations services for Marine Corps Program 2 activities.

Excludes the following functional categories which are a part of the standard definition of Base Operating support, but are reported under separate PE's:

Maintenance and Repair of Real Property, Real Property Services, Minor Construction, Base Communications, Commissary Operations, Retail and Troop Issue, Station Hospitals, Medical and Dental Clinics and Dispensaries, Family Housing.

0206497M Training (Marine);;
Includes manpower authorizations, peculiar and support equipment necessary facilities and the associated costs specifically identified and measurable to the following:

Student Augmentations, Instructor Personnel, Support Activities, Marine Training Squadrons, Helicopter Training Group, Combat Crew Readiness Training Group

Excludes training chargeable to Program 8 identified with Base Operations in this program.

0206498M Management Headquarters (Fleet Marine Force);;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Fleet Marine Force - Pacific Hq (FMFPAC) (MC) Fleet Marine Force - Atlantic Hq (FMFLANT) (MC)

Excludes nonmanagement headquarters resources (refer DoDD 5100.73).

0206611M Fleet Marine Force Expeditionary Airfield Support (H);;

0206612M Helo Avionics Systems (H);;

0206613M Assault Support Helicopters (H);;

0206617M Marine Corps Operation Logistics Development (H);X-80-004;
Includes RDT&E funds to provide for the enhancement of the operational capability and efficiency of engineer equipment required in support of the Fleet Marine Force. This program element provides a capability to respond to field-identified deficiencies/malfunctions with design changes, and/or modification to equipment characterized by minimal development efforts, and usually consists of test and/or evaluation of improved components or subassemblies.

0206619M Marine Corps Operation Electronics Development (H);X-80-004;
Includes RDT&E funds for the support of, and necessary modifications and improvements to, present tactical communications equipment.

0206620M Marine Corps Weaponry (H);X-80-004;
Includes RDT&E funds for the operational systems development of all Marine Corps ordnance items and combat vehicles.

0206622M Marine Corps Data Systems (H);X-80-004;
Includes RDT&E funds for operational systems development related to Marine Corps data systems. Efforts will be directed toward tactical command and control systems and related subsystems.

0206623M Marine Corps Ground Combat/Supporting Arms Systems;X-78-014;
Includes RDT&E funds for the operational systems development of Marine Corps equipment and systems for the conduct of close combat and fire support and the provision of battlefield mobility.

Excludes civilian and military manpower and their related costs and military constructions costs which are included in appropriate Management and Support elements in this program.

0206624M Marine Corps Combat Services Support;X-78-014;
Includes RDT&E funds to provide for the operational systems development of Marine Corps equipment needed for the supply, maintenance, engineer, motor transport, and service support of operating forces.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate Management and Support elements in this program.

0206625M Marine Corps Intelligence/Electronics Warfare Systems;X-78-014;
Includes RDT&E funds for the operational systems development of Marine Corps intelligence and electronics warfare equipment and systems required for the support of operating forces.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate Management and Support elements in this program.

0206626M Marine Corps Command/Control/Communications Systems;X-78-014;
Includes RDT&E for the operational systems development of all Marine Corps C3 equipment and systems required for the conduct and support of combat operations.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate Management and Support elements in this program.

0206627M Marine Corps Technical Support Command and Control System (H);X-91-2;
Provides for the technical support of tactical data systems and the evaluation of modernization and product improvements of tactical data equipment/systems in the field fleet, and for maintenance and support of computer equipment dedicated to operations research, systems analysis, and cost effectiveness efforts for command and control operational systems integration and improvements.

Excludes civilian and military personnel and their related costs and military construction costs which are included in appropriate management and support elements of this program.

0207111F B-57 Squadrons (H);;

0207112F B-66 Squadrons (H);;

0207120F A-37 Squadrons (H);;

0207121F A-7 Squadrons (H);X-7-04;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Wing Headquarters, Tactical Fighter Squadrons, Armament and Electronics Maintenance, Field Maintenance,

Consolidated Aircraft Maintenance, Munitions Maintenance, Weapons System Security.

Excludes Flying Training operating costs and Base and Mission support aircraft.

0207122F F-84 Squadrons (H);;

0207123F F-86 Squadrons (H);;

0207124F F-100 Squadrons (H);;

0207125F F-101 Squadrons (H);;

0207126F F-104 Squadrons (H);;

0207127F F-105 Squadrons (H);X-5-03;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Wing Headquarters, Tactical Fighter Squadrons, Tactical Wild Weasel Squadrons, Avionic Maintenance, Field Maintenance, Consolidated Aircraft Maintenance, Munitions Maintenance, Weapons System Security.

Excludes Flying Training operating costs and Base and Mission support aircraft.

0207128F F-4 Squadrons;X-93-1;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Wing Headquarters, F-4G Fighter Squadron, Avionic and Electronics Maintenance, Field Maintenance, Consolidated Aircraft Maintenance, Munitions Maintenance, Weapons Systems Security and Software updates OT&Es.

Excludes Flying Training operating costs and Base and Mission support aircraft.

0207129F F-111 Squadrons;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Wing Headquarters, Tactical Fighter Squadrons, Armament and Electronics Maintenance Field Maintenance, Consolidated Aircraft Maintenance, Weapons System Security.

Excludes Flying Training operating costs and Base and Mission support aircraft.

0207130F F-15A/B/C/D Squadrons;X-7-10;
Includes all F-15 acquisition, research and development; manpower authorizations, peculiar support equipment, necessary facilities and the associated costs specifically identified and measurable to the F-15A/B/C/D as follows:

Wing headquarters, tactical fighter squadrons, avionics maintenance, field maintenance, consolidated aircraft maintenance, munitions maintenance, weapon systems security.

Excludes advanced flying training operation costs and base and mission support aircraft.

0207131F A-10 Squadrons;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Wing Headquarters, Tactical Fighter Squadrons, Avionics Maintenance, Field Maintenance, Consolidated Aircraft Maintenance, Munitions Maintenance, Weapons System Security

Excludes Advanced Flying Training operating costs and Base and Mission support aircraft.

0207132F Fighter Derivative (H);X-6-01;
Funding is provided to develop and procure a derivative fighter aircraft. FSED will begin ASAP after a procurement decision is made in FY 83. Procurement by years is dependent upon aircraft selection and FSED decision date.

0207133F F-16 Squadrons;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Wing Headquarters, Tactical Fighter Squadrons, Avionics Maintenance, Field Maintenance, Consolidated Aircraft Maintenance, Munitions Maintenance, Weapons System Security

Excludes Advanced Flying Training operating costs and Base and Mission support aircraft.

0207134F F-15E Squadrons;X-7-10;
Includes manpower authorizations, peculiar support equipment, necessary facilities and the associated costs specifically identified and measurable to the F-15E as follows:

Wing headquarters, tactical fighter squadrons, avionics maintenance, field maintenance, consolidated aircraft maintenance, munitions maintenance, weapon systems security.

Excludes advanced flying training operation costs and base and mission support aircraft.

0207135F Tactical Air-to-Surface Missile (H);X-95-2;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Develop and procure a nuclear tactical air-to-surface missile for employment from tactical fighter aircraft.

0207136F Manned Destructive Suppression;X-0-10;
Includes manpower, wing headquarters, RDT&E peculiar and support equipment initial and replenishment spares, software support, necessary facilities, transportation, threat updates, systems improvements, future enhancements, follow-on and alternative concepts, tactical fighter squadrons, avionics maintenance, field maintenance, munition maintenance, consolidated aircraft maintenance, organizational maintenance, and weapons system security.

Excludes other direct costs which will be funded by users in appropriate PEs.

0207137F CONSTANT HELP;X-5-06;
This is a special access program. Access will be granted on a strict need-to-know basis only.

Excludes military and civilian manpower and their related costs.

0207139F Competitive Fighter Procurement (H);X-92-3;
PE funds RDT&E and procurement of a missionized Follow-on Close Air Support aircraft. The aircraft will be capable of day/night, under-the-weather, low-level penetration and air-to-surface attack with sufficient range to support land force scheme of maneuver.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support element in this program.

0207140F A-12 Squadrons (H);X-95-2;
Provides for the development and procurement of the A-12 Advanced Tactical Aircraft. This is a joint U.S. Navy/ USAF Program.

Excludes civilian and military manpower and related costs and military construction costs which are included in appropriate management and support elements in this program.

0207141F F-117A Squadrons;X-9-02;

Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Operation, maintenance, and logistical support of the F-117A fighter aircraft.

0207151F F-89 Squadrons (H);;

0207152F F-102 Squadrons (H);;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Wing Headquarters, Fighter Interceptor Squadrons, Armament and Electronic Maintenance, Field Maintenance, Consolidated Aircraft Maintenance, Munitions Maintenance, Weapons System Security.

Excludes Advanced Flying Training operating costs (see Training element in this program).

0207160F Tri-Service Standoff Attack Missile;X-92-5;;
Includes funds for the development, procurement, and logistics support of the Tri-Service Standoff Attack Missile (TSSAM), a low observable standoff cruise missile capable of both air and ground launch employment. The air launch version, the AGM- 137, is being developed for Air Force and Navy fighter and bomber aircraft, including the B-2, B-52, F-16, A-6 and F/A-18. Its mission is to strike high value land and sea targets using autonomous guidance to deliver a single warhead or multiple submunitions. The ground launch version, MGM-137 is designed to strike groups of targets such as moving armored vehicles, tanks, and personnel carriers. The TSSAM's 100 nautical mile plus standoff range significantly enhances the survivability of the launch platform, while the missile's low observable features enhance its survivability, allowing TSSAM to penetrate enemy defenses on the way to the target area. Per DEPSECDEF direction, most facets of the TSSAM program will remain special access required (SAR).

02071610 (F,N) Tactical AIM Missiles;X-94-3;;
Includes RDT&E and procurement funds for all Air Force-procured, tactical, Air Interceptor Missile Programs, including procurement costs of basic hardware, aerospace ground equipment, training and training materials, technical publications, modifications and spare parts associated with the following missiles: AIM-4A, AIM-4D/H,AIM-4F, AIM-4G, AIM-7D, AIM-7E, AIM-7F, AIM-7G, AIM-9B/E, AIM-9J, AIM-26, and AIM-82.

0207162F Tactical AGM Missiles;;
Includes RDT&E and procurement funds for all Air Force-procured, tactical, air-to-ground missile programs, including procurement costs of basic hardware, aerospace ground equipment, training and training materials, technical publications, modifications and spare parts, associated with the following missiles: AGM-45, AGM-78, and AGM-88.

02071630 (F,N) Advanced Medium Range Air-to-Air Missile (AMRAAM);X-94-3;;

Includes procurement funds for all Air Force-procured AMRAAMs. Includes procurement costs of basic hardware, aerospace support equipment, training and training materials, technical publications, modifications and spare parts associated with AMRAAM.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements for this program.

0207164F Medium Range Air-to-Surface Missile (H);X-5-03;
Initiate procurement for Medium Range Air-to-Surface Missile (MRASM) and provide vehicle for post Full Scale Engineering Development (FSED) RDT&E. Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: The AGM-109H Medium Range Air-to-Surface Missile is a small unmanned winged air vehicle capable of sustained subsonic flight following launch from an airborne carrier aircraft. The air vehicle is propelled by a turbojet engine, incorporates various conventional warheads, and is internally guided by an inertial system updated by terrain correlation and matching (TERCOM) and digital scene matching correlation (DSMAC), and can be programmed to strike a wide variety of preselected ground targets.

0207165F Standoff Attack Weapon;X-3-03;
Procurement funds to buy SAW systems are included in this PE. The SAW provides a guided, powered weapon to be used to attack second echelon targets and deep interdiction. The SAW vehicle can be specifically configured with a variety of submunitions to destroy armor or suppress target defenses. Submunitions will also be procured within this PE.

0207166F WASP Minimissile (H);X-5-03;
Funds procurement of WASP minimissiles, WASP aircraft-mounted pods, initial spares and associated equipment and post FSD R&D efforts. WASP is a tactical, 100-pound-class air-to-surface anti-armor missile. It is a force-multiplier, battlefield interdiction weapon intended for air attack of massed armor (e.g., tanks, armored personnel carriers).

WASP is a member of the Wide Area Anti-armor Munitions (WAAM) family of weapons. Full scale development is conducted under PE 0604707F (WAAM).

0207167F Conventional Standoff Weapon (H);X-6-01;
Procures conventional standoff weapons being developed under PE 0604606F as well as related spares, support equipment, data, and training and post FSD R&D efforts. The conventional standoff weapon will provide a standoff delivery capability compatible with PLSS (defense suppression) and with pre-planned product improvements for compatibility with other planned engagement systems.

0207168F F-111 Self Protection Systems;X-6-01;
Includes RDT&E, procurement, and operation and maintenance funds for the development, test, production and installation of updated self-protection jammer and radar warning systems for the F/FB/EF-111 aircraft.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0207169F SEEK CLOCK;X-6-01;
This is a special access program. Access will be granted on a strict need-to-know basis only.

Excludes military and civilian manpower and their related costs.

0207211F RF-84 Squadrons (H);;

0207212F RF-101 Squadrons (H);;

0207213F RF-4 Squadrons;X-3-06;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Wing Headquarters, Tactical Reconnaissance Squadrons, Field Maintenance, Consolidated Aircraft Maintenance, Armament and Electronics Maintenance, Weapons System Security.

Excludes Advanced Flying Training operating costs (see Training element in this program), and imagery processing and exploitation systems.

0207214F RF-111 Squadrons (H);X-80-004;

0207215F TR-1 Squadron (H);X-95-2;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Aircraft procurement (3010) for reconnaissance squadron, training element, SLAR/SIGNIT processing, and mission sensors/equipment.

0207216F U.S. Aircraft Cross-Servicing;X-78-015;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Funds to enhance the Aircraft Cross-Servicing program, (Stage A). Aircraft cross-servicing is defined as servicing of aircraft on ships and/or airfields which enables non-operational flights to be made to another ship and/or

airfield in peace, emergency, and war; Stage B Cross-Servicing includes Stage A Cross-Servicing plus such services as are required for staging a limited number of operational sorties (AAP-6,P3-3, April 1977). The program will include purchase of foreign munitions for certification; the certification of weapons; publication of technical data and cross-servicing guides; TDY training of munitions loadcrews, aircrews.

Objectives: To achieve a viable Stage B cross-servicing capability within the NATO Alliance.

0207217F Podded Reconnaissance System;X-95-4;;
Funds the initial engineering, integration and procurement of non-developmental digital sensors carried in a pod providing an integral reconnaissance system for dedicated on demand imagery.

0207218F Tactical Fighter Training (Aggressor) Squadrons;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Wing Headquarters, Tactical Fighter Training Squadrons, Avionics Maintenance, Field Maintenance, Consolidated Aircraft Maintenance, Munitions Maintenance, Weapons System Security, Test and Evaluation Activities, F:5 Improvements, Aircraft Procurement.

Excludes base and mission support aircraft (see Base Operations element in this program).

0207219F F-22;X-93-3;;
This program element provides for procurement of the Advanced Tactical Fighter System (ATF). The ATF will be the primary air superiority fighter for the USAF Tactical Air Forces in the late 1990s and into the 21st century. It is a continuation of the full-scale development in PE 0603230F Advanced Tactical Fighter (Eng).

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements of their programs.

0207221F KB-50 Squadrons (H);;

0207222F KC-10A;X-78-015;
Includes peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Wing Headquarters, KC-10A Squadrons, Organizational Maintenance (on Aircraft), Advanced Flying Training conducted in KC-10A Squadrons, Weapons System Security.

NOTE: Commercial contract logistics support is being used for this aircraft.

Excludes Air Base Units supporting TDY KC-10A operations.

0207223F KC-135s;X-93-1;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified for Air Combat Command, PACAF, and USAFE Wing Headquarters, Air Refueling Squadrons, Avionics Maintenance, Field Maintenance, Organizational Maintenance, Advanced Flying Training conducted in KC-135 Squadrons, Weapons System Security.

Excludes PACCS (see appropriate element in this program); NEACP (see Program 3); Airborne Command Post (CINCs) (see Program 2; and air base units supporting TDY tanker operations (see Base Operations element in this program).

0207224F Combat Rescue and Recovery;X-94-5;;
Includes manpower, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Combat Rescue Aircraft Squadrons/Detachments; Field Maintenance; Organizational Maintenance; NASA Space Activity Support; Combat Rescue Tactics School; Joint Rescue Coordination Center.

Excludes bases and mission support.

0207231F C-130 Tactical Airlift Squadrons (H);;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Wing Headquarters, Organization Maintenance, Field Maintenance, Tactical Airlift Squadrons, Weapons System Security.

Excludes Advanced Flying Training operating costs and aircraft assigned to industrial fund elements.

0207232F C-7A Tactical Airlift Squadrons (H);;

0207233F Aerial Port Squadrons (H);;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to Aerial Port Squadrons.

Excludes Air Cargo Material Handling (463-L) (PE 0401214F).

0207234F C-123 Tactical Airlift Squadrons (H);;

0207235F Tactical Aeromedical Airlift Squadrons (H);;

Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Aeromedical Airlift Squadrons, Aeromedical Evacuation Groups, Aeromedical Evacuation Control Centers, Organizational Maintenance, Field Maintenance, Communications and Electronics Maintenance.

0207236F Operational Headquarters (Tactical Air Forces);;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Air Divisions

Excludes Management headquarters resources.

0207242F Special Program Applications;X-93-1;;

0207243F Tactical Drone Support Squadrons (H);X-8-04;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Wing Headquarters, Tactical Drone Support Squadrons, Aircraft and Drone Maintenance, Avionics and Photo Maintenance, Electronic Intelligence Processing Cells (EIPC), Photo Processing, Weapons System Security, Ground Launch, Control and Recovery Facilities, Advanced Flying Training Operating Costs.

0207244F Location Strike Systems (H);X-92-4;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Location Strike Squadrons, Photogrametric Targeting System, Airborne Relay Vehicle Squadrons, Location Strike Systems - Communications Package, Airborne Mission Equipment Maintenance, Airborne Relay Vehicle Maintenance, Weapons Guidance Package Maintenance, Airborne Relay Vehicle Security, Advanced Flying Training - Operating Costs.

Excludes base, and mission support aircraft operating costs (see Base Operations element in this program), and research and development costs (Program 6).

0207245F Reconnaissance Remotely Piloted Vehicles (H);X-80-004;
This program element supports a family of high and low altitude reconnaissance remotely piloted vehicles (RPVs). The 22 Tactical Drone Squadron at Davis-Monthan AFB, AZ, is responsible for maintaining an RPV force capable of supporting a contingency deployment to meet national and theater reconnaissance requirements. Development and procurement efforts are directed at maintaining and improving mission capabilities required to satisfy changing operational requirements. Forces assigned include AQM-34 series RPVs, DC-130E launch and control aircraft, and

CH-3E Mid-Air Recovery System (MARS) helicopters. This is a continuation of effort previously conducted in PE 0301036F.

0207246F Expendable Drones (H);X-7-04;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Provides an expendable harrassment and electronic warfare support drone capability to theater commanders for defense suppression tasks.

0207247F AF TENCAP;X-80-003;
Includes RDT&E O&M funds to allow Air Force to facilitate tactical use of national systems.

0207248F Special Evaluation Program;X-93-4;;
Includes fiscal and manpower resources in support of Air Force special programs. Details will be provided on a must know basis.

0207249F LANTIRN Procurement;X-1-005;
Procurement funds for the Low Altitude Navigation and Targeting Infrared System for Night (LANTIRN). The LANTIRN procurement funds will be used for the purchase of a two-pod fire control system and associated support equipment. The two-pod system consists of a navigation pod containing a terrain following radar and wide field-of-view FLIR sensor, and a targeting pod containing a laser designator/ranger and narrow field-of-view FLIR for target recognition.

0207251F EB-66 Squadrons (H);;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Wing Headquarters, Tactical Electronic Warfare Squadrons (ECM), Electronic Intelligence Processing Cells (EIPC), Field Maintenance, Consolidated Aircraft Maintenance, Training aircraft in support of mission aircraft, Communications and Electronics Maintenance, Advanced Flying Training (Operating Costs), Weapons System Security.

0207252F EF-111 Squadrons;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Tactical Electronic Warfare Squadrons (ECM), Field Maintenance, Consolidated Aircraft Maintenance, Communications and Electronics Maintenance, Weapons System Security.

0207253F Compass Call;X-80-005;

Includes Tactical Electronic Warfare Squadrons (ECM), Avionics Maintenance, Field Maintenance, Consolidated Aircraft Maintenance, Weapon System Security.

Excludes development efforts in PE 0604724F, Tactical C3 Countermeasures.

0207254F High Technology Air Force;X-94-6;;
Includes manpower authorizations, engineering and operational contractor support, equipment, facilities, computer software, its maintenance, modifications and upgrades, and the associated costs specifically identified and measurable to th e following:

Acquire, develop, test, evaluate, integrate and field rapid prototyping, advanced technology equipment and associated hardware, software and firmware on military vehicles, aircraft and facilities in support of military units which may operate in a hostile environment. It also includes computer applications and techniques necessary to fuse national systems imagery with real military aircraft flying characteristics, and the means to inject this information into the cockpit.

0207268F Aircraft Engine Component Improvement Program;X-95-1;

0207311F MACE (H);;

0207312F MATADOR Squadrons (H);;

0207313F MAVERICK;;
Includes funds for the conduct of Category III tests for MAVERICK AGM, and to improve the ability to utilize electro-optical guided weapons, to support flight tests (TDY, POL, aircraft maintenance), and to make minor modifications to moving target vehicles.

Excludes RDT&E funds for MAVERICK AGM (Program 6), and manpower authorizations which are reflected in the prime aircraft elements.

0207314F Ground Launched Cruise Missile;X-79-010;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Group Headquarters, Missile Squadrons, Organizational Maintenance, Munitions Maintenance, Weapon System Security.

Excludes nuclear warhead costs which are borne by the Department of Energy (DOE); and research and development (PE 0604362F).

0207315F Rapier Air Defense Missile System;X-1-001;

The program element includes procurement funds to acquire the Rapier Missile System for the air defense of U.S. bases in the United Kingdom (UK). The Rapier system is a UK produced, shot range, low-level, all weather air defense missile system. Procurement is for fire units, missiles, peculiar support equipment, spares, and training units.

02073160 (A,F,N) TACIT RAINBOW (H);X-95-2;
The services have an urgent need for a low-cost, programmable, airborne loitering system that can defeat/suppress the enemy's ability to: (1) acquire and attack friendly forces and (2) jam friendly emitters. Both air and surface-launched variants will be developed with maximum component commonality between the variants being mandatory. The system will interface with existing and planned command, control, communications, and intelligence (C3I) elements and be compatible with individual and joint service employment concepts.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0207317F HARM Improved Seeker (H);X-92-4;;
Provides for HARM Improved Seeker in accordance with Congressional direction; joint AF/Navy program. Navy is executive agent. Provides new hardware and software for the HARM missile. Allows the HARM to counter new Soviet radar guided threat.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0207319F Standoff Land Attack Missile (H);X-92-4;;
The Navy's SLAM is a precision guided standoff missile. The weapon carries a 500 lb conventional warhead. A variant of the Harpoon missile, the SLAM adds a GPS guidance interface unit, modified Walleye data link and a Maverick IIR seeker. The weapon navigates to a target area using a GPS aided guidance unit. The operator then locates the target using the IIR seeker and precisely guides the missile to target through the man-in-the-loop Walleye Data Link.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0207320F Sensor Fused Weapons;X-93-2;;
Includes funding for the procurement of Sensor Fused Weapons (SFW). SFW are air- delivered munitions that provide a multiple kills per aircraft pass capability against mobile armored vehicles. Tanks, Armored Personnel Carriers and self-propelled artillery are the primary targets.

0207322F AGM-142 (Have Nap) Missile System;X-95-4;;
Provides funds for the only conventional precision guided standoff munitions for the B-52H and ACC s bomber fleet. The weapon system consists of an air to ground missile with either an electro-optical or imaging infrared seeker

guided via a man-in-the-loop data link. The missile can be equipped with ether a 750 lb. blast/frag or an 800 lb. penetrator warhead depending on the target type and mission requirements. Funds also procure and maintain data link pods, training missiles, and associated support equipment.

0207323F AGM-86C Conventional Air-Launched Cruise Missile System;X-96-1;;
Provides funding for the only accurate long range conventional standoff missile for the B- 52H and ACC's bomber fleet. The weapon system consists of an air to ground missile with INS/GPS guidance. The missile has a 2000 lb.-class warhead. This weapon system provides a near-term capability to attack high value point targets from outside theater defenses. This is a Congressionally directed program to address near term bomber munitions requirements prior to the expected deliveries of JDAM and JSOW.

0207324F Joint Standoff Weapon;X-93-2;;
Includes funding for the procurement of Joint Standoff Weapon (JSOW). JSOW is an air-delivered, standoff munitions that provides a multiple kills per aircraft pass capability against mobile armor and other support vehicles. JSOW also provides capability for destruction of enemy air defenses and interdiction against command and control centers.

0207411F Overseas Air Weapon Control System;;
Includes manpower authorizations, peculiar and support equipment necessary facilities and the associated costs specifically identified and measurable to the following:

Air Weapons Control System - Europe, Air Weapons Control System - Ryukyus Islands (418-L), Manual Control Centers, WESPACNORTH Compatibility Program, Manpower for ground environment for Military Assistance Program in Japan, South Korea, Taiwan, and Phillipines.

Excludes Communications support (PE 0207421F)

0207412F Theater Air Control Systems;X-94-5;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Tactical Air Control Systems (TACS), Tactical Air Control Wings (TACW), Control and Reporting Centers (CRC), Forward Air Control Posts (FACP), Allied Tactical Operations Centers (ATOC), and Air Support Operations Centers (ASOC).

0207413F Southeast Asia Tactical Air Control System (SEATACS) (H);;
Includes manpower authorizations, peculiar and support equipment necessary facilities and the associated costs specifically identified and measurable to the following:

Tactical Air Control Facilities (SEA), Direct Air Support Facilities (SEA), Special Aircraft (0-1,CH-3, & OV-10, ABCC and Radio Relay), Tactical Air Control Groups, Tactical Air Control Squadrons, Tactical Air Control Parties,

Aircraft Maintenance, Communications and Electronic Maintenance, Weapon System Security.

0207414F Combat Intelligence System ;X-95-1;
Includes resources to purchase, integrate, and field the Combat Intelligence System (CIS) which will provide automated support to intelligence operations at the air component level and the wing/squadron level throughout the Air Force. The CIS program consolidated previously separate programs such as: Intelligence Correlation Module (ICM), sentinel Byte (SB), Rapid Application of Airpower (RAAP).

Excludes civilian and military manpower and their related costs and military construction costs.

0207415F TBM Core C2 Systems;X-94-5;;
Includes funds for the continuing support of Theater Battle Management (TBM) core command and control (C2) systems which directly support the JFACC in planning and execution of the air campaign. This includes all manpower authorizations, peculiar and support equipment, necessary facilities, and hardware maintenance for the TBM core C2 systems, including Contingency Theater Automated Planning System (CTAPS), Wing Command and Control System (WCCS), Command and Control Information Processing System (C2IPS), and Command Tactical Information System (CTIS).

0207416F TAC Command and Control System;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to fixed command and control facilities which include:

Command Center Operations, Automation, TAC Automated Command and Control Support Center

Excludes Tactical Air Control System (TAC) command and control communications.

0207417F Airborne Warning and Control System (AWACS);X-3-06;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs (procurement, operations, training, maintenance, research and development and military construction) specifically identified and measurable to the following:

Airborne Warning and Control System (AWACS): Aircraft, Wing, Operating Squadrons, Maintenance Squadrons, Flight/Crew Training, Weapons Security, Computer Programs, Student Pipeline, Ground Support Operations in Saudi Arabia.

0207418F Tactical Airborne Control Systems;X-1-001;
Includes manpower authorization, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Tactical Air Support

FAC Aircraft, Special Support Aircraft, Operations/Maintenance Squadrons

Funding for this element includes procurement, operation, training, and maintenance.

0207419F Tactical Airborne Command and Control Systems;X-3-06;
Includes manpower, peculiar and support equipment, necessary facilities and the associated costs (procurement, operation, training and maintenance) specifically identified and measurable to the following:

Airborne Battlefield Command Control Center (ABCCC): Aircraft and Operating Squadron.

Tactical Deployment Control Aircraft (TDCA): Aircraft and Operating Squadron.

0207420F Combat Identification;X-95-4;;
Includes the Air Force share of funding for All Service Combat Identification and Evaluation Team (ASCIET) operations and CID related testing equipment. ASCIET was chartered by OSD directive to evaluate joint air defense tactics, techniques, and procedures (TTP) and related Combat identification technologies. Evaluations used to improve TTP and existing CID system capabilities, and to transition combat identification technologies to system acquisition.

0207421F Overseas Air Weapon Control System - Communications (H);X-92-3;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the DCS and non-DCS telecommunications to support the Overseas Air Weapons Control Systems (PE 0207411F) and the WESTPACNORTH Program. Includes point-to-point and air-ground-air systems which provide for command and control of air forces in European and Pacific Areas. These systems include UHF, VHF, HF/SSB, troposcatter, microwave and hardwire communications. The equipment includes terminal equipment such as handsets, microphones and teletype machines, and fixed radio and telecommunications center facilities.

Excludes DCS Switched Network Support (PEs 0303112F and 0303126F).

0207422F Deployable C3 Systems;X-4-01;
Includes the manpower authorizations, peculiar and support equipment, necessary facilities and associated costs specifically identified and measurable to:

Providing the deployed Air Force Component Commander with command and control connectivity to subordinate deployed elements (the TACS and Tactical Air Base) and into the Defense Communications Systems. Includes those Tactical Communications and Tactical Traffic Control and Landing System (TRACALS) necessary to establish Tactical Air Bases in a barren environment. Includes the contingency communications necessary to support the Rapid Deployment Forces and those USAF resources needed by theater CINCs for theater wartime commitments. Includes contingency communications required by USAF Specified Commands to conduct contingency operations at or from non-US bases. Includes communications programming for USAF Special Operations.

0207423F Advanced Communications Systems;;
1. The SEEK TALK project is developing a communication system to protect critical tactical UHF voice communication

links from jamming. The SEEK TALK system is being designed to protect air-to-air and air-to-ground UHF voice communications against the 1990s Soviet threat. Prior to FY 80 this project will be administrated under PE 0603727F, Advanced Communication Technology.

2. HAVE QUICK will provide an improved, near term air-to-air and air-ground-air jam-resistant UHF voice communication capability that will allow TAF mission accomplishment in an enemy communications jamming environment through 1985.

Excludes RDT&E civilian and military manpower and their related costs which are included under appropriate RDT&E management and support elements.

0207424F Evaluation and Analysis Program;X-93-1;;
This is a special access program. Access will be granted on a strict need-to-know basis only.

No manpower included.

0207425F Command Communications - Tactical Air Forces;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to DCS and non-DCS resources required to support the Tactical Air Command (TAC), United States Air Forces in Europe (USAFE), and Pacific Air Forces (PACAF) Alerting and Command Communications Networks, specifically:

TAC Telephone Network, TAC Teletype Network, TAC Command and Control Alerting System (TACCALS), TAC 701 Intercom, TAC Commanders' HF/SSB Network,USAFE Automated Command & Control Digital Network, USAFE Command Control Teletype Network, USAFE Tab VEE Command & Control Network, USAFE Remote Air/Ground UHF Network, USAFE Inform and TAC Recon HF/SSB Systems, USAFE Commanders' SSB Network,USAFE Primary Alert System, Scope Picture Microwave Systems, PACAF Commanders' Dedicated Teletype Network, PACAF Telephone Network, PACAF Commanders' SSB Network, JCS Exercise Communications Support for USREDCOM.

Excludes DCS Switched Network Support (PE 0303126F).

0207426F Air Force Operational Test and Evaluation Center (AFOTEC);X-6-04;
Includes: Funds to support the Air Force Operational Test and Evaluation Center (AFOTEC) commander, his staff, the general mission, and base support received from the host. Costs include pay and related costs of civilian personnel, as well as travel, transportation, per diem, rents, contractual services, supplies, and equipment to perform the AFOTEC general mission. Funds to conduct specific operational test and evaluation (OT&E) projects assigned to the AFOTEC. Costs include range costs incurred under the Uniform Funding Policy; transportation, travel, and per diem for the OT&E teams conducting OT&E projects (including using, supporting, and developing command team members); modification of test items to obtain test data; special test equipment; special data collection, reduction, and analysis; contractual services in support of specific projects; and any other unique test costs incurred in conducting a specific OT&E project.

Excludes: Procurement of actual test items and flying hour costs of any test aircraft provided by the using and supporting or developing commands (except as covered in the Uniform Funding Policy for ranges).

0207428F Tactical Fighter Weapons Center Range;;

Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Funds to operate and maintain the Tactical Fighter Weapons Center (TFWC) Range. Costs include pay and related costs of civilian and military personnel, as well as travel, transportation, per diem, rents, contractual services, host support, flying hours, supplies, equipment, and materials to perform the range mission.

Excludes direct costs of services expended for TFWC Range users. These costs will be funded by the users in various program elements as reimbursements to the TFWC.

0207429F Combat Training Range Equipment;X-94-6;;
Includes funds to procure instrumentation and equipment used to perform operational range missions. Included would be related system integration, noncivil engineering site preparation, mission control hardware, and communications, as well as the end equipment or instrumentation item.

0207430F Civil Engineer Squadrons, Heavy Repair;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Civil Engineer Heavy Repair Squadrons (RED HORSE).

0207431F Combat Air Intelligence System Activities;X-94-1;;
Includes resources, organizations, activities, and procedures structured to provide intelligence and intelligence functional support to USAF theater command and control, and other USAF theater elements. Includes manpower authorizations, peculiar and support equipment, necessary fixed and deployable facilities, and the associated costs specifically identified and measurable to the following: Air Intelligence Squadrons, intelligence centers, and other resources associated with Major commands such as, ACC, PACAF, ans USAFE, and their subordinate command Combat Air Intelligence Systems.

Excludes training identified in Program 8; resources identified in Program 3; resources associated with the Tactical Cryptologic Program; management headquarters; real property and base operating support, and imagery processing, exploitation and dissemination resources.

0207432F Aircraft Delivery;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the 2d Aircraft Delivery Group and its detachments.

0207433F Advanced Program Technology;X-93-1;;
This is a special access classified program. Access will be granted on a strict need to know basis only.

0207434F JTIDS Class 2/2H Terminal Support Activities;X-95-2;

Provide Air Force's Depot Operation & Maintenance Support for Post Production Sustainment of the Joint Tactical Information Distribution System. Includes effort such as developing network management procedures for handling Air Force TADIL- networks and participation in oint/combined service networks, and the Centralized Software Support Activity (CSSA), which provides depot level common software support to TIDS Class 2 terminals.

Excludes funds for military pay and R&D.,

0207435F Tactical Reconnaissance Imagery and Exploitation;X-3-06;
Includes all assets (excluding manpower) associated with the ground processing and interpretation of reconnaissance imagery acquired by USAF tactical reconnaissance aircraft. Also includes resources required/utilized for the electrical transmission of imagery products, and the U.S. Military Liaison Mission (MLM) (including manpower) in Berlin.

Excludes airborne imagery collection sensors, data link devices, intelligence data handling systems, and resources in Program 3.

0207436F Engineering Installation Support -- CAF;X-92-4;;
Includes funds to support HQ/ACC, HQ/USAFE, and HQ PACAF and base-level for engineering installation support installation, removal and relocations of communication computers systems, networks and equipment. Includes costs for travel, transportation, per diem, rents, supplies, contract services, major and minor equipment in support of upward generated Communications-Computer Systems Requirements Documents (CSRD) and downward directed programs (i.e. PMD).

Excludes manpower, military pay, and AFCC E&I requirements identified in PE 0305123F.

0207437F Close Air Support;X-95-2;
Provides funds for the acquisition of AC-130U gunships which will provide support for "conventional" close air support (CAS). The AC-130U will provide the AF with a true, all-weather, night CAS capability. This program uses Air Force owned C-130H's and modifies them into side-firing AC-130U gunships. Due to the extensive modifications required, this program is considered a new weapon start vice a modification effort. The AC-130U configuration currently includes an integrated fire control system fed through a dual, 1553 data bus. This fire control system includes the 25mm, 40mm, and 105mm armament systems, electro-optical sensors (All Light Level Television and Infrared Detection System), and a modified F-15 Strike Eagle RADAR. The most current electronic warfare suite available will be installed to provide the best possible protection against RADAR, and Infrared threats. (Currently installed on the AC-130U is the ALQ-172 RADAR jamming system, AAR-44 missile warning receiver, ALR-56M RADAR warning receiver, APR-46 RADAR panoramic receiver, and the ALE-40 flare/chaff dispensers.) Future required modifications to the AC-130U, as determined by the using command will be funded through this PE.

0207438F Theater Battle Management (TBM) C4I;X-93-1;;
Includes civilian and military manpower authorizations and costs.

Provides O&M and manpower to develop and maintain a standard wing command and control system. WCCS increases the wing Commander's sortie generation capability to providing on accurate, composite picture of the wing's resources

by consolidating summary information from key function areas. WCCS provides direct support to the wing command and his battle staff.

0207439F Electronic Warfare Integrated Reprogramming;X-0-10;
Includes costs associated with TAF, SAC, MAC and Warner Robins Air Logistic Centers computer aided Electronic Combat reprogrammable system support tools. This PE will contain funds to procure required computer hardware and software, mission data generators and Selectively Improved Flagging Technique models to support the USAF EWIR process.

Excludes civilian and military manpower and related costs.

0207440F Tactical Air Control System for Counternarcotics;X-91-1;
Includes activities funded by transfer appropriation from DOD Counternarcotics Funds Account pertaining to Tactical Air Control System operations for counternarcotics. Includes radar and tactical communication system deployments.

Civilian authorizations will be associated with this PE.

0207442F Common Electronic Countermeasures Equipment (PODs) ;X-92-3;;
Funds procurement and upgrade of all ECM PODs for the USAF. Includes support equipment, initial and replacement spares, software support, necessary facilities, threat updates, system improvements, future enhancements, follow-on and alternative concepts, and depot costs.

Excludes military and civilian manpower and their related costs.

0207456F Environmental Compliance;X-94-6;;
Environmental Compliance includes actions to achieve and maintain full and sustained compliance with federal, state, and local environmental laws and regulations, Executive Orders, host nation regulations and DoD policies. Applies to workyears, training, travel, supplies, permits, fees, support equipment, service, and facilities (if the primary purpose is to comply with environmental standards) and the associated costs specifically identified and measurable to environmental compliance.

Funds all costs related to environmental compliance, including:

A. Recurring costs of environmental program management, daily operations and services, permits, fees, certifications, studies, and licenses; civilian workyears; education and training of environmental programs; hazardous waste management and disposal; sampling, analysis, monitoring and surveys; supplies, equipment, and travel.
B. Nonrecurring costs of projects/services required to bring DoD into compliance with environmental standards or comply with a notice of violation (Class I); to prevent DoD from failing to meet impending environmental standards (Class II); or to enhance the environment beyond legal requirements (Class III);

C. Pest management programs to meet FIFRA standards for pest management and pesticide storage, handling or use standards;
D. Overseas cleanup, as well as overseas compliance, efforts; and
E. Certification of innovative technology for DoD applications.

Excluding:

A. Efforts funded under Defense Environmental Restoration Account, Conservation, Pollution Prevention, BRAC or Occupational Health and Safety auspices;
B. Research and Development efforts associated with compliance, which are covered under specific R&D program elements;
C. Normal maintenance and repair to keep systems in working order, system replacement as part of normal replacement cycle; and normal installation operations (i.e. solid waste disposal including tipping fees, landfill operations, etc.); normal wastewater treatment plants, both domestic and industrial, which are appropriately included in base operations;
D. Upgrade/alteration of an industrial process undertaken for other than environmental purposes;
E. Environmental certification/licenses funded separately from mandatory requirements and training;
F. Routine pest control applications required to preserve structural integrity, properly charged to RPM and health applications, such as, mosquito control.

0207479F Real Property Services (RPS) - Tactical Air Forces;X-94-7;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs of utility plant operations, purchased utilities, air conditioning and refrigeration, utility fuels, fire protection, crash rescue, snow removal and ice alleviation, entomological services, window glass replacement, elevator maintenance/inspection, custodial services, refuse collection and disposal, sewer and waste systems, rental of real property, facility engineering and public works management, other installation engineering services and other annual service requirements performed in-house or by contract.

0207575F Counternarcotics Operations Support;;

0207576F Minor Construction (RPM) - Tactical Air Forces;X-91-3;;
Includes manpower authorizations, peculiar and support equipment, necessary faclities and the associated cost specifically identified and measurable to the following:

All construction costing less than the statutory maximum amount for a Minor Military Construction project as established by section 2805 of title 10 U.S.C. in support of tactical air forces.

0207578F Maintenance and Repair (RPM) - Tactical Air Forces;X-91-3;;

Includes manpower authorizations, peculiar and support equipment, necessary faclities and the associated cost specifically identified and measurable to the following:

Maintenance and repair of real property, i.e., utilities, buildings, other facilities, pavements, (roads, parking areas, runways, etc.), land, and grounds. Includes, but not limited to, such things as repair of electrical circuitry, heating and air conditioning, water piping, and routine maintenance work such as caulking, painting, etc. in support of tactical air forces.

0207579F Advanced Systems Improvements;X-7-04;

This is a special access program. Access will be granted on a strict need-to-know basis only.

Excludes military and civilian manpower and their related costs.

0207580F Ground Training Munitions;X-7-01;
Provides all munitions and associated equipment necessary for developing and maintaining established standards of proficiency with firearms and munitions. Live and inert training munitions are included for tactical air control parties, aircrews, pararescue forces, security police, civil engineers, explosive ordnance disposal, exercises, demonstrations, operational readiness inspections, individual training for new Air Force accessions, USAF Academy, USAF competitive shooting teams and other training as provided for in AFR 50-41.

Excludes civilian and military manpower and their related costs and military construction costs.

0207581F Joint Surveillance and Target Attack Radar System (Joint STARS);X-4-06;
This Program Element supports procurement and MILCON for Joint STARS, a joint AF/Army program with AF lead. Based on a joint Full Scale Development, the Program Element, in conjunction with Army procurement funds, fields a multi-mode system to detect, track and guide accurate attacks against enemy moving targets in the second echelon.

Joint STARS features an airborne, multi-mode radar and related control/processing systems and communications needed for moving target identification, fixed target indication, and weapon guidance. This joint effort is reflected in Army procurement, in PEs 0603770F, 0604770F, and in Army's PE 0604770A.

Excludes civilian and military manpower and their related costs.

0207582F Have Trump (H);X-8-06;
Program details are special access. Details are available to appropriately cleared personnel.

0207583F Joint Direct Attack Munitions;X-93-4;;
Includes Air Force funds for the procurement of the Joint Direct Attack Munitions (JDAM). JDAM is an air-delivered munitions that provides improved weapons delivery accuracy in adverse weather conditions. JDAM will upgrade the accuracy of inventory 2000 lb weapons by adding an inertial navigation system/global positioning

system (INS/GPS) guidance and precision delivery capability.

0207584F Seek Axle (H);X-93-4;;
Contains RDT&E investment resources to assess the impact of all source intelligence data, develop solutions against the threat, and acquire subsystems for installation on existing weapon systems. This is a QRC program. Details provided on must know basis.

Excludes currently funded efforts on PE 0604737F Airborne Self-Protection Jammer; PE 0604738F Protective systems; and PE 0604739F Tactical Protective Systems.

0207585F SEEK SPINNER (H);X-92-3;
Classified Special Access Program. Program description and details are available to appropriately cleared and authorized personnel only.

0207586F Fiber Optics (H);X-92-4;;
Includes Procurement funds to provide a 'Quick Reaction Capability' to support Communications, Command, and Control systems in a timely manner with fiber optics. Also provides Procurement and RDT&E funds to provide for standard acquisition of certain systems which must be produced in significant quantities, but are not 'time critical'.

Includes civilian and military manpower and their related costs.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0207587F Specialized Reconnaissance Systems;X-93-4;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified measurable to the following:

Support of specified PACER COIN program. System includes C-130 aircraft plus associated peculiar support equipment.

0207588F Air Base Ground Defense;X-1-004;
This program element provides for the defense of theater air bases against ground attack. Intelligence sources have validated significant Warsaw Pact and North Korean threats to our Main Operating Bases, weapons storage depots, and critical communications sites in Europe and Korea. Along with other air base survivability programs like chemical warfare defense and short range air defense, this program element provides an assurance that sortie generation will not be interrupted by enemy combat operations in our rear area. This capability cannot be achieved within current capabilities for weapon systems security or law enforcement (BOS). Rather, this capability is provided for overseas installations mainly by employing in-place and deployable security police elements reorganized for their wartime combat role as screening forces and mobile reserve forces. They use mobility and

point and area suppression weapons to detect, engage, and defeat the enemy ground attack at a distance from the defended resources. The program element includes training manpower authorizations, necessary facilities, peculiar and support equipment, and associated operations and maintenance costs. Air Training Command will provide individual training for personnel assigned to this mission area. This program also relies heavily on host nation support.

Security Police Units

Excludes manpower, equipment, facilities, and associated costs for other security police functions (see appropriate elements in various programs).

0207589F Base Physical Security Systems;X-91-1;
Other Procurement AF funds to procure perimeter detection sensors, area sensors and point sensors, alarm verification subsystems, entry control subsystems, data communication and display subsystems, aircraft shelter sensors, individual resource sensors, and interior structure sensor systems to provide protection of Air Force Priority A, B, and C resources to include nuclear weapons storage area, alert aircraft areas, and conventional munitions/weapons. This equipment includes commercial off-the-shelf items, military-modified commercial items qualified for DoD applications, and military developed items. Includes resources for associated operations and maintenance costs.

Excludes: Manpower authorizations are specifically excluded from this PE.

0207590F Seek Eagle;X-8-04;
Includes funding to carry out the actual safe carriage and release certifications and ballistics accuracy verifications of all aircraft/store configurations for operational use. This funding covers engineering analysis, wind tunnel tests, flight tests, special instrumentation for test aircraft, the stores required for all testing, and processed data for incorporation into manuals, technical orders, and aircraft operational flight programs (OFPs). It excludes the actual printing of the technical orders and the software tape updates to the OFPs of aircraft in the field. Will also include funds for technology application and standards for streamlining the SEEK EAGLE process and for the mission support of the centralized SEEK EAGLE management office.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0207591F Advanced Program Evaluation;X-93-1;;
Includes costs specifically identified and measurable to special classified projects for which information on resources will be provided only on a "need-to-know" basis to authorized personnel identified on a special access list.

0207592F Aerial Demonstration Team (H);X-80-004;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to Aerial Demonstration Squadrons.

02075930 (F,N) Nuclear, Biological and Chemical Defense Program;X-8-06;

Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

This program will procure chemical and biological defensive equipment items and materials to equip the forces which will enhance the survivability of personnel and enable units to continue primary mission operations in a toxic chemical environment. Manpower included provides training for base personnel, and management, planning, care of equipment, and other associated activities at base level for the chemical and biological defense program.

0207594F Real Property Maintenance - Tactical Air Forces (H);X-93-2;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Real property maintenance at installations having primary mission of supporting tactical air forces.

Maintenance and repair of all real property: utilities systems, buildings, other facilities, pavements (roads, parking areas, etc.), land (grounds).

Minor construction (with other than military construction funds).

Operation of utilities for all real property.

Other engineering support: fire protection, custodial services, entomology services, refuse collection and disposal, snow removal and ice alleviation, rental of real property, excluding payments to GSA, other installation engineering services.

Includes all resources in functional categories 9, 10, 11 and 12 as defined in DoD Instruction 7220.20. Also includes all resources (except manpower and military pay) used by groups/units assigned to specific BOS tasks on an ad hoc basis such as RED HORSE units assigned to repair/construct facilities, roads, parking areas, etc., even if the work is classified as a military unit training project.

Excludes costs of maintaining family housing. See PE 08087460, Family Housing.

0207595F Base Communications - Tactical Air Forces;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the non-DCS resources required to provide base communications support to the Tactical Air Command (TAC), United States Air Forces Europe (USAFE), and Pacific Air Forces (PACAF). This program element specifically includes: Base telephone systems, non-tactical radio systems, wire communications services, official tolls, TWX usage and commercial refiles, Class B Tolls and Charges, Other Base-Level Commercial Communications Requirements.

Excludes DCS Switched Network Support (PE 0303126F).

0207596F Base Operations - Tactical Air Forces;X-95-1;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following functional categories of effort:

Administration: Installation Headquarters Administration and Command (including squadron level responsible for Base Operations), Installation Comptroller Services, Installation ADP Services, Installation Information Activities, Installation Legal Activities, Civilian Personnel Administration, Installation Military Personnel, Administration Installation Printing and Reproduction, Installation Safety, Installation Management Analysis/Management Engineering.

Retail Supply Operations: Installation Supply Activities, Installation Procurement Operation, Installation Storage Activ ities.

Maintenance of Installation Equipment: (Includes maintenance of administrative aircraft, vehicles and equipment; but excludes maintenance of tactical equipment, combat vehicle and mission aircraft).

Other Base Services: Installation Transportation Activities, Installation Training (excludes Troop training and tactical exercise). Installation Physical and Police Activities, Laundry and Dry Cleaning (for troop support and other appropriated fund activities). Installation AirField/Air Base Operations (control tower, weather, flight service, etc.) Installation Restoration.

Bachelor Housing Operations and Furnishing: (management; housing assignment, care of quarters, provisions, care preservation and maintenance of furnishings, etc.)

Other Personnel Support: Food Service; Social Action; Community Service; Chaplain Services; Bands; Morale, Welfare and Recreation.

Excluded are the following functional categories which are a part of the standard definition of Base Operating Support, but are reported under separate PEs: Real Property Services, Minor Construction, Maintenance and Repair, Base Communications, Commissary Operations (Retail and Troop Issue), Station Hospitals, Medical and Dental Clinics and Dispensaries, Family Housing.

0207597F Training (Tactical Air Forces);;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Advanced Flying/Missile Training Units, Operating Costs of aircraft and missiles used in training, Permanent Party authorizations, MAP, GAF, and ARF Tactical Fighter, Training, as applicable, Fighter, Missile, Reconnaissance, and Special Operations Training, Wing Headquarters, Combat Crew Training Squadrons, Combat Crew Training Groups, Student Squadrons, Field Maintenance, Munitions Maintenance, Organizational Maintenance, Tactical Fighter Weapons Squadrons, Avionics Maintenance.

Excludes aircraft procurement (investment) costs and replacement training units identified with mission elements; indirect support aircraft accounted for in Base Operations element in this program; training identified to Program 8; counterinsurgency training identified with mission element (see SAWF element in this program); and advanced flying training identified with mission elements in this program.

0207598F Management Headquarters (Tactical Air Forces);X-1-006;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Tactical Air Command (TAC) HQ TAC: HQ 9th Air Force, HQ 12th Air Force

U.S. Pacific Air Forces (PACAF) HQ PACAF: HQ 5th Air Force, HQ 13 Air Force

U.S. Air Forces in Europe (USAFE) HQ USAFE: HQ 3rd Air Force, HQ 16th Air Force, HQ 17th Air Force.

Excludes nonmanagement headquarters resources and WWMCCS ADP

0207599F Munitions Training Items;;
Includes live and inert munitions, components, and spares specifically identified for: USAF Aircrew Syllabus Training, Tactical Fighter Unit Training, Strategic and Tactical Bomb Unit Training, Air Defense and Tactical Reconnaissance Unit Training, Special Operations Forces and Tactical Air Support Unit Training, Tactical Operational Readiness Inspections, Firepower Demonstations and MAJCOM Exercises, Aerospace Rescue and Recovery Service and 6594 Test Group Unit Training, 1550th Aircrew Training and Test Wing Training, Individual Wing Training, Nuclear Weapon Maintenance Training, Weapon Load Crew Training, Explosive Disposal Training.

Excludes Manpower Authorizations and Training Missilies.

0207600F Wind Corrected Munitions Dispenser Kit;X-94-6;;
Includes funds for the production of the Wind Corrected Munitions Dispenser (WCMD) Kits. WCMD is a kit for Tactical Munitions Dispenser (TMD) weapons currently in inventory of in production. The WCMD kit will provide the capability to accurately deliver TMD weapons from medium to high altitudes by correcting for the effects of wind introduced by the medium/high altitude delivery of dispenser weapons.

0207601F USAF Wargaming and Simulation;X-92-3;;
Provides resources to support development and use of wargames for the Air Force. Specifically, Air Force Wargaming Center, 4441 Tactical Training Group (Blue Flag), and Warrior Preparation Center. Centers are involved in all aspects of operational wargaming, including education, training, and operational plans analysis.

Civilian and military authorizations will be associated with this PE.

0207602F Revolutionary Planning;X-95-4;;
Provides funds for the generation, investigation, and integration of ideas which may have a revolutionary impact on the Air Force. This includes funding for exercises, wargaming, modeling, simulation, analysis, contractor support and TDB for the Pentagon Revolutionary Planning office. Funds would be used to provide MAJCOMs and/or agencies with the capital to investigate, or integrate ideas approved by the Air Force senior leadership.

02080030 (A,F,M,N,S) BRAC Part IV Savings;;;

02080040 (A,D,F,K,M,N,S) Base Closure and Realignment Activities;;

Includes resources necessary to implement base realignments and closures. Includes costs to prepare facilities and property for disposal, relocate personnel and equipment, construct new facilities for realigned forces, and assist affected communities. Financing for this program is to be provided by the sale of assets made available by base realignments and closures as well as appropriated funding. Resources and savings are applicable to BRAC II and III activities.

02080050 (A,D,F,K,N) Base Realignment and Closure;X-9-02;
Includes resources necessary to implement base realignments and closures. Includes costs to prepare facilities and property for disposal, relocate personnel and equipment, construct new facilities for realigned forces, and assist affected communities. Financing for this program is to be provided by the sale of assets made available by base realignments and closures as well as appropriated funding. Resources in FY 1992 thru 1994 reflect net manpower and dollar savings.

0208006F Mission Planning Systems;X-8-06;
Provides resources to support development and acquisition of Air Force automated mission planning systems for tactical, strategic, airlift and SOF forces; specifically to provide automated flight planning, intelligence, weather, weapons, electronic combat and navigation information to aircraft and associated weapons systems. Provides automated interface with Theater, Command, and Joint databases. Loads and reads automated aircraft/weapon data systems cartridge units. Provides ground and aircraft support for all associated command and control systems.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0208007F Tactical Deception;X-5-03;
This program element provides manpower and specialized equipment to mislead hostile intelligence regarding the disposition of USAF tactical forces.

Includes military manpower and their related costs.

0208008F AMRAAM Operational Utility Evaluation (H);X-4-02;
Includes RDT&E, procurement, and operations and maintenance funds for the simulation, analysis and flight tests necessary to establish the operational utility evaluation of AMRAAM directed by Office of Secretary of Defense. The evaluation will provide information on the useability and pilot workload in the employment of AMRAAM with various avionics suits, ECM, threat scenarios and engagement environment. The effectiveness AMRAAM concept will be assessed relative to the AIM7 SPARROW. If required, selected flight test scenarios will begin in 1984 to provide information at the AMRAAM Milestone III in 1985.

Excludes civilian and military manpower and their related costs and military construction cost which are included in appropriate management and support elements in this program.

0208009N TOMAHAWK Cruise Missile;X-1-009;

Includes manpower authorizations, system procurement peculiar and support equipment, engineering and logistics support, necessary facilities and the associated costs specifically identified and measurable to the following:

TOMAHAWK Cruise Missile

02080100 (A,F,M,N) Joint Tactical Communications Program (TRI-TAC);X-80-002;
Includes resources for development and procurement of systems and items designated for the Joint Tactical Communications Program (TRI-TAC). Also includes military manpower spaces and costs of military personnel assigned to the TRI-TAC office.

The following additional description applies to PE 0208010A: Includes civilian and military manpower authorizations and related costs as applicable. Resources for development and procurement of systems and items designated for the Joint Tactical Communications Program (TRI-TAC). Also includes resources for the operation of the TRI-TAC office, including TRI-TAC TDY travel for all personnel assigned to the TRI-TAC office, housekeeping and other support costs.

The following description applies to PE 0208010M: RDTE and procurement resources for development and procurement of systems and items designated for the Joint Tactical Communications Program (TRI-TAC). Also includes military manpower spaces and costs of military personnel who are assigned to the TRI-TAC office and those assigned to other commands specifically tasked with TRI-TAC testing.

02080110 (A,F,J,M,N) CJCS Exercise Program;X-91-1;
Includes funding for the conduct of, or participation in, strategic mobility exercises for which the Chairman, The Joint Staff, is primarily responsible. Provides funding for conduct of, or participation in, CINC-sponsored joint exercises which involve forces of one or more unified or specified commands or agencies. Costs normally are related and measurable to the following: airlift and sealift of equipment and personnel, transportation of equipment, travel of personnel, expendable supplies (including POL), per diem allowances, and other exercise related costs. Costs are net expense after consideration of normal or routine costs without the exercise.

Excludes routine exercises and maneuvers conducted by the individual unified commands or the Services, and manpower and associated costs.

02080120 (A,D,F) Defense Special Projects Group (DSPG) (H);;

0208013A Special Ammunition Control - Non-United States;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: Those units in Europe that provide for the supply, maintenance, and security control of nuclear ammunition support of NATO.

Headquarters and Headquarters Detachment Artillery Warhead Support Group; Ordnance Units Explosive Disposal; Ordnance Units Special Ammunition GS; Ordnance Units Missile Warhead Support; TD Augmentations as assigned

Excludes those TDA units and TDA augmentation to TOE units having a predominately peacetime only mission.

0208014A Combat Support Communications (H);X-92-4;;
Includes resources for development and procurement of tactical communcations equipment for the entire Army except that which is listed under exclusions below.

Excludes procurement for: TRI-TAC - (see PE 0208010A); satellite communications (see PE 0303142A); and COMSEC (see PE 0303401A).

02080150 (A,N,F) Combat Developments;X-80-009;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Activities to support experimentation, tests, projects, evaluations necessary to develop and/or validate new doctrine, material and organization for:

ARMY: U.S. Army Operational Test and Evaluation Agency (OTEA), Combat Development Experimentation Command (CDEC), TRADOC Combined Arms Test Activity (TCATA), U.S. Army Training and Doctrine Command Systems Analysis Activity (TRANSANA), Pershing Evaluation,Miscellaneous Combat Development Experiments, Tests, Projects and Evaluations, Concept Analysis Agency (CAA).

NAVY: Air Development Squadrons (VX): VX-1, VX-4, VX-5, and VXW-8 COMP, Navy Ship Development Groups: COM Surface Warfare Development Group.

AIR FORCE: ATFWC; AFTAWC and Operational test and evaluation aircraft (CB coded), including Fighter Weapons Squadrons and associated direct support manpower.

Excludes Combat Developments funded under the RDT&E appropriation, and Army Management headquarters Activities.

0208016A Unattended Ground Sensors (UGS) (H);X-78-003;
Includes RDT&E funds to develop for the Army an integrated unattended ground sensor system as a continuation of and follow-on to the current Defense Communications Planning Group (DCPG) effort. Significant characteristics of the system will include design for a worldwide operational capability with a high degree of mobility and flexibility. The system will be designed to provide realtime detection of enemy troops and vehicles as part of the Surveillance, Target Acquisition, and Night Observation (STANO) system. The system will interface with the automated command and control system, permit rapid reaction to enemy detections, and provide a required link in the Integrated Area Control System (IACS). This program is performed inhouse and on contract under the supervision of a number of major R&D activities within the U.S. Army Materiel Command. Includes procurement of peculiar and support equipment specifically for this purpose.

Excludes pay of military personnel and military and civilian manpower which are included in the Program-Wide Activities element in Program 6.

0208017N Coast Guard Ship Support Program;;

Includes funds for the procurement of Navy equipment to mutually reinforce U.S. Navy combat requirements with U.S. Coast Guard ships as would be required to perform assigned mobilization (combat) mission during wartime. Equipments provided will enable Coast Guard ships to be used in the ASW, coastal surveillance, and minor AAW/ASUW mission areas.

0208018A Other Combat Development Activities;X-78-004;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: Development of combat doctrine, organizational concepts, materiel requirements, and related activities in the Army's Training and Development Command (TRADOC) not part of the training operations or training developments currently in other programs or program elements. Includes combat development directorates at Command and General Staff College, Army Service Schools and Centers, as well as the Combined Arms Combat Development Activity and the Air Defense Artillery Threat Simulator (ADATS) Programs.

Excludes activities in 0208015A, Combat Developments.

02080190 (A,F,N) Tactical Information Program (TIP);X-95-2;
Includes resources (manpower, procurement, MILCON, and operations) associated in supporting theater commander's tactical information needs. Formerly called the Tactical Cryptologic Program (TCP).

Excludes RDT&E resources included in PE 0305885G.

0208020D Secretary of Defense Readiness Fund;;
Includes resources for the Secretary of Defense Readiness Fund. This is a transfer fund account available for one year for transfer to other accounts in the O&M title. Use of this account requires a Sec Def determination and Congressional notification upon completion of transfers and is subject to "notification" reprograming procedures. No budget activities or object classes are involved. This account is not subject to apportionment.

Excludes manpower.

0208021F Electronic Combat Support;X-2-002;
Includes manpower authorizations; peculiar and support equipment, necessary facilities, research, development and testing, and the associated costs specifically identified and measurable to the following:

Activities to support electromagnetic warfare analysis, operations, equipment, tests, projects, and evaluations. Means to provide products, services, and resources to support electromagnetic operations, security and intelligence requirements for tactical and strategic forces.

AIR FORCE: AFEWC, Joint EWC, ESC C3CM programs.

Excludes operations associated with GDIP.

02080220 (A,D,F,N) Foreign Currency Fluctuations, Defense;X-8-06;

Includes resources for an Operation and Maintenance appropriation entitled Foreign Currency Fluctuations, Defense. This is a transfer fund account available to the Secretary of Defense for transfer to or from appropriations available for military functions of the Department of Defense for Fiscal Year 1979, or thereafter for the expenses of Military Personnel, Operation and Maintenance, or Military construction. This appropriation has been established to maintain the budgeted level of operations for such appropriations and thereby eliminate substantial gains and losses to such appropriations caused by fluctuations in foreign currency exchange rates that vary substantially from those used in preparing budget submissions. Use of this account requires that SecDef render an annual report to the Congress on all transfers made to or from this appropriation.

Services use of this PE is limited to current and prior fiscal years to display only those FCFD assets reprogrammed from the Defense budget to the respective Services.

Excludes transfers to or from the Procurement and RDT&E appropriations.

0208023A Surveillance, Target Acquisition, and Electronic Warfare;X-2-001;
Includes all procurement resources for the followong OPA 2 budget lines:

Air vehicle; Mission Payload; Ground Control Station; Launch Sub Station; Recovery Sub Station; Air Data Terminal; FLIR-TADARS; MaintShelter-TADARS; Jammers (expendable); Tac Jam System (TACJAM); AN/TLQ-17A Reconfiguation; MOD In-Svc Equip (EW); Pirahna; Quick-Fix/Quick Fix Mod.

0208024N F/A-18 Combat Development Squadrons;X-4-03;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Provide for activities to support experimentation, tests, projects and evaluations necessary to develop and/or validate new doctrine, material and organization for:

NAVY Air Combat Development Squadrons (VX)

Excludes Combat Developments included in Program 8. Combat Developments funded under the RDT&E appropriation.

0208025N F/A-18 Combat Development Attack Squadron (H);X-4-03;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Provide for activities to support experimentation, tests, projects, and evaluations necessary to develop and/or validate new doctrine, material and organization for:

NAVY Air Combat Development Squadrons (VX)

Excludes Combat Developments included in Program 8. Combat Developments funded under the RDT&E appropriation.

0208026A Tactical Intelligence and Related Activities (TIARA);X-95-1;

Includes all TIARA procurement associated with the following programs:

All Source Analysis System (ASAS); Common Ground Station (CGS) variants Medium Ground Station Module (MGSM) and Common Ground Station, Light (CGS-L); Commander's Tactical Terminal (CTT); Enhances TRACKWOLF; Guardrail Common Sensor (GRCS); Ground Based Common Sensor, Light (GBCSL); Ground Based Common Sensor, Heavy (GBCS-H); Airborne Reconnaissance-Low (ARL); TROJAN Spirit II (TSII); Integrated Meteorological System (IMETS); Mobile Integrated Tactical Terminal (MITT); Tactical Exploitation System (TES); and modifications to TRAILBLAZER AN/TSQ-138, TEAMMATE AN/TRQ-32A(v)2, and AN/PRD-12.

0208027J CINC Readiness Fund;X-2-006;
Includes funds to provide commanders of the unified and specified commands with a capability to finance readiness enhancing, quick payback initiatives not amenable to the normal PPBS process. Includes funds for annual financing of operation and maintenance expenditures and procurement items other than major end items.

0208028F Contingency Operations;X-94-5;;
Contingency Operations is the integrated capability needed to establish and maintain air base readiness during contingencies. Integrates and coordinates those unit operations that interact during a contingency to establish, maintain or restore the installation's capability to execute its assigned mission. Contingency Operations includes the planning, organizing, training, equipping, and command and control necessary for the installation to function as a coordinated team during contingencies, i.e., emergencies involving military forces caused by natural disasters, major accidents, terrorists, subversives, or military operations.

0208029A Army Strategic Mobility Program (ASMP);X-94-6;;
Includes manpower, funds, equipment and facilities specifically identified and measurable to rapid power projection of CONUS-based forces, with capability of immediately deploying and sustaining a five division corps to any emergency crisis world wide. Includes funding to enhance movement of equipment and supplies in CONUS and for improvements to the afloat prepositioning program. Provides for deployment training, upgraded deployment outload facilities, container procurement, afloat prepo ship operation, and maintenance of equipment. Prepo facilities and staging facility for Southwest Asia are also included. Includes manpower, funds, equipment and facilities specifically identified and measurable to design, programming, operation and maintenance of movement management, intransit visibility and cargo control during deployment. Includes all automation resources necessary to develop and maintain systems supporting Army strategic mobility.

02080300 (A,F,M) War Reserve Materiel - Ammunition;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to procuring and maintaining ammunition war reserve stockpiles.

02080310 (A,F,M,N) War Reserve Materiel - Equipment/Secondary Items;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to procuring and maintaining equipment/secondary item war reserve stockpiles.

02080320 (A,F,M,N) Stock Funded War Reserve Material (Service Controlled) (H);X-92-4;;
Includes procurement costs of stock-funded war reserves of Service-managed items of prepositioned war reserve stocks (PWRS) and other war reserve stocks (OWRS), and DLA-managed items as Service PWRS.

For the Air Force, excludes PWRS fuels purchased to fill new tanks constructed under the Military Construction Program (see PE 0208035F).

02080330 (F,N,S) Stock Funded War Reserve Material (DLA Controlled) (H);X-92-4;;
Includes procurement costs of other war reserve stocks (OWRS) held and managed by DLA. The Services program funds in this program element, based on DLA's computation of each Service's allocable share of the total DLA OWRS deficiency. This program element contains resources for the budget and program years only and is reflected in the FYDP as a non-add entry to TOA.

0208034M Maritime Prepositioning Forces;X-92-4;;BD
Includes costs specifically identifiable to operations, exercises, training and maintenance of Maritime Prepositioning Forces of prepositioned equipment and thirty days of combat supplies to support deployment of up to three 16,500-man Marine Air-Ground Task Forces.

0208034N Mobility Enhancement;X-80-003;
Includes costs specifically identifiable for Maritime Pre-positioning Ships (MPS) and duplicate sets of USMC equipment and 30 day's supplies to speed the administrative deployment of three Marine Amphibious Brigades (MABS) as part of the Rapid Deployment Force.

0208035F Stock Funded WRM (Service-Controlled) Fuels Related to Mil.Const. Prog.(H);X-94-5;;
Includes procurement costs of stock-funded war reserves of Service-managed fuel for fill of new tankage constructed under the Military Construction Program.

0208036N Sealift Enhancement;X-4-04;
Provides resources to procure both off-the-shelf and newly developed systems that enhance the capabilities of our merchant ship assets to support/interface with active Naval Forces; to provide equipment to enhance the military utility of our merchant ships; to acquire various types of lighterage, elevated causeway systems (ELCAS), and offshore bulk fuel systems to support AE, AFOE, and MPS operations; acquire ships for the Ready Reserve Force (RRF) and convert government owned ships to perform the auxiliary crane (TACS) and Aviation Logistics Support (TAVB) missions.

Excludes operating costs, and manpower authorizations and their related costs, which are included in PE 0408036N, Sealift Enhancement (Surge).

0208037A Prepositioned Equipment Configured in Unit Sets (POMCUS) ;X-93-4;;

Includes manpower authorizations; tactical unit, peculiar and support equipment; necessary storage and maintenance facilities; and associated costs specifically identified and measurable to the following: Storage and maintenance of tactical unit equipment in Europe configured in unit sets for immediate issu e to deploying units. Includes modification or reconfiguration of unit sets as required by changes in approved organization and doctrine. Includes POMCUS caretaker units, maintenance supplies and end items.

Excludes costs properly chargeable to JCS exercises.

0208038F Medical Contingency Hospitals;X-93-2;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to procuring and maintaining medical contingency hospitals having its primary mission of supporting military operations worldwide.

Excludes medical activities/units included in Program 8.

0208039F 9MM Handguns (H);X-92-3;
Procurement funds for a 5-year multi-year contract for acquisition of 9mm handguns to standardize small arms weapons. This is a joint DOD project with inventory objective of 84,000.

0208040F Project Elegant Lady;X-2-005;
Air Force support to a classified DoD directed program. (Supporting JCS directives are classified SECRET, Special Access, and on file with the Assistant Director of Special Plans, Director of Plans (AF/XOXP), Room 4D111). Program description and details are available to appropriately cleared and authorized personnel on a need-to-know basis.

0208041F Joint Advanced Systems (H);X-8-04;
This is a special access program. Details available on a need-to-know basis.

Excludes manpower authorizations and their related costs.

0208042F HAVE FLAG;X-4-04;
This is a special access program. Details available on a need-to-know basis.

Excludes manpower authorizations and their related costs.

0208044F Objectives and Program Evaluation Element;X-4-06;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the OPEE program.

This element initiates or responds to USAF, unified, or specified command requests for evaluations of command responsiveness to mission goals.

0208045K C3 Interoperability (Joint Tactical C3 Agency);X-7-09;
Includes manpower and related costs, facilities and equipment for the development and maintenance of tactical/mobile C3 system architectures and interface standards and the associated testing activities required to ensure C3 systems interoperability for joint or combined operations (including nonstrategic nuclear forces).

Excludes management headquarters resources in support of the JTC3A directorate and staff. (See PE 0208298K)

0208045Q C3 Interoperability (Joint Tactical C3 Agency) (FY 87 and prior) (H);X-91-2;
Includes manpower and related costs, facilities and equipment for the development and maintenance of tactical/mobile C3 system architectures and interface standards and the associated testing activities required to ensure C3 systems interoperability for joint or combined operations (including nonstrategic nuclear forces).

Excludes management headquarters resources (refer DoDD 5100.73), see 0208298Q.

02080460 (A,F,M,N) Service Support to Joint Tactical C3 Agency (DISA);X-8-03
Includes military manpower and associated personnel costs in support of the JTC3A.

0208047F Antiterrorism;X-7-04;
Includes manpower authorizations, antiterrorism equipment, construction, procurement, and training associated with the Air Force antiterrorism program.

0208048F Insensitive Munitions Program;X-0-02;
Includes civilian and military manpower and related costs and resources identified to the following:

Establishes the USAF Insensitive Munitions Program. Implements a system for the planning and execution of IM efforts; explosive safety testing of stockpile munitions for reducing explosive hazards, determing modified explosive safety requirements for increased storage of munitions, researching technology to develop Insensitive High Explosive (IHE), and identifying improved methods of explosive storage and improved storage structures.

0208049J Joint Warfighting Center;X-94-1;;
Includes funding to support the establishment and operation of the Joint Warfighting Center (JWFC). JWFC is a separate organization reporting through the Joint Staff Operational Plans and Interoperability Directorate to the Chairman, Joint Chiefs of Staff. The JWFC assists the CJCS, CINCS and Service Chiefs in their preparation for joint warfare through conceptualization, development ans assessment of current and future joint doctrine; and in the accomplishment of joint exercises and training simulations.

Excludes military and the related costs and recurring installation support costs.

0208050N Panama Canal Treaty Implementation Plan;X-92-2;;SB
Includes all operating, development and acquisition costs directly associated with implementing the Panama Canal Treaty.

0208051A Joint Biological Defense Program;X-94-2;;
Includes civilian and military manpower authorizations, facilities and operating costs attributable to biological defense initiatives that are in advanced development, engineering development and procurement. Includes medical programs associated with the development, production,stockpiling, and life-cycle management of vaccines against biological agents. Includes costs associated with construction and operation of vaccine production facilities as required. Nonmedical activities include development, procurement, and follow-on logistic support of strategic, theater, and tactical biological detection and warning systems.

02080520 (A,D,F,J,M,N) Joint Analytical Model Improvement Program;X-95-4;;
JAMIP is a DoD/CJCS initiative directed by the Joint Staff J-8 in cooperation with other OSD organizations. The analytical efforts of the Joint Warfighting Capability s Assessment process has highlighted the limitations of the modeling tools currently available. Current models are unable to measure adequately the value of investments in certain key areas. The upgrade plan four prongs represent both a time phased and transition process. The first prong will concentrate on short term improvements to an existing model to provide limited analytical capability on immediate concerns. It will consist of additions to an established model now used by Unified Commands to define and analyze courses of action. The second and third prongs of the program will develop a mid to long term review and solution to the issues identified in the JWCA process. The fourth prong will provide model and data structure through the Joint Staff J-8 and in coordination with the Unified Commands.

0208060C Theater Missile Defenses;X-92-3;;
Includes manpower authorizations and the associated costs specifically identified and measurable to the following:

Procurement for programs, projects, and activities (including those formerly associated with the Tactical Missile Defense Initiative) that have as primary objectives either of the following:

The development of deployable and rapidly relocatable advanced theater missile defenses capable of defending forward deployed and expeditionary elements of the Armed Forces of the United States, to be carried out with the objective of selecting and deploying more capable theater missile defense systems by the mid 1990s.

Cooperation with friendly and allied nations in the development of theater defenses against tactical or theater ballistic missiles.

02080600 (C,F) Theater Missile Defenses;X-93-3;;
Includes manpower authorizations and the associated costs specifically identified and measurable to the following:

Procurement for programs, projects, and activities (including those formerly associated with the Tactical Missile Defense Initiative) that have as primary objectives:

For BMDO:

The development of deployable and rapidly relocatable advanced theater missile defenses capable of defending forward deployed and expeditionary elements of the Armed Forces of the United States, to be carried out with the objective of selecting and deploying more capable theater missile defense systems by the mid 1990s.

Cooperation with friendly and allied nations in the development of theater defenses against tactical or theater ballistic missiles.

For Air Force:

Funds development, integration, and weapon/sensor refinements for defense against theater missiles of all classes (tactical, cruise, and air-to-surface missiles). Emphasis will be placed on simulation and analysis to model current and developing third world capabilities. Actual war-fighting doctrine using C4I data and nodes will be modeled to better refine mission requirements. Ongoing material improvements to existing hardware can be made based on Desert Storm and modeling done to date. Future material solutions must cover all "pillars" of Theater Missile Defense - (Attack Operations, Active Defense, Passive Defense, and C4I). Opportunities to destroy missiles before, during, and after launch require analysis in material improvements for each pillar to ensure proper protection measures are achieved.

0208080D Classified Programs;X-5-03;
Includes resources identified and measurable to special classified projects for which information on resources will be provided only on a "need-to-know" basis to authorized personnel identified on a special access list.

Excludes manpower and related costs.

02080900 (A,F,M,N) Visual Information Activities-Tactical;X-6-06;
Funds Visual Information programs, consisting of the following subsets: Visual information (VI) productions and services and VI support.

Includes manpower authorizations and costs, travel, contractual services, procurement of supplies and materials, expense equipment, necessary facilities and the associated costs specifically identified, separable into "in-house" and "contract" portions, and measurable to the following tactical functions, as appropriate:

o VI Productions and Services. Produce or acquire VI productions (i.e., slide and slide-sound sets, film strips, multi-media, video disc, audio productions, combination media), and motion media with sound. Includes resources for scripting, preproduction, production, postproduction, libraries, duplication, distribution, production project management, and other related and associated services.

o VI Support. Provide VI operational (combat and technical) documentation, still and motion picture photography, video, audio, radio and television closed circuit and broadcasting (not Armed Forces Radio and Television Service (AFRTS)) services, graphic art, VI records centers, VI records holding facilities, presentation support, repair and maintenance, video teleconferencing terminals, related and associated services, and their supervision.

o Joint Visual Information Services (JVIS). Resources to operate and maintain JVIS production, depository, and distribution activities assigned by OASD(PA), as a joint mission for DoD.

Excludes VI management at command and component headquarters and OSD. Excludes technical documentation support not available from base VI services, integral to the mission of organizations supported, and identified in other program elements. VI equipment integral to technical documentation functions is also excluded. It does not include VI activities with discrete program elements such as: Armed Forces Radio and Television Service.

0208091N Navy Broadcasting Service-AFRT;X-1-009;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

The Navy American Forces Radio and Television (AFRT) assets (ashore and afloat) of the Navy Broadcasting Service.

0208095A Base Communications - General Purpose Forces;X-6-05;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Procurement, construction, installation, site preparation, operation and maintenance of Army general purpose forces activities. Includes nontactical, non-DCS base (post, camp and station) communications facilities, and equipment systems which provide local communications worldwide to installations/activities.

0208098F Management Headquarters (Electronic Security Cmd);X-80-005;
Manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

AIR FORCE Electronic Security Command Headquarters

Excludes: AFEWC headquarters resources. See P.E. 0208021F. ESC operations associated with the GDIP.

0208114A Air Traffic Control - Tactical;X-8-03;
Includes military and civilian manpower authorizations and related costs. Includes the following: Army tactical air traffic control and air traffic control/ground control approach radar systems activity. Control of aircraft on the ground and in the airspace adjacent to the installation; operation of navigational facilities; ground control approach radar systems; inspections, tests, and organizational maintenance on C-E equipment and systems; maintenance of navigational maps and charts, records and statistics pertaining to air traffic control matters, flight plans, and weather and safety advisories, and new equipment training.

Excludes air traffic control, navigational facilities, and certification functions provided by FAA, Army TOE, or TDA air traffic control activities in Program 02, Army air traffic control activities dedicated to the aviation training missions at U.S. Army aviation schools in Program 08 (PE 0804773A), telecommunication activities included in base operations, and management headquarters resources.

02081270 (A,F,M,N) Industrial Fund and Stock Fund Support (H);X-92-3;

This program element reflects funding adjustments necessary to align appropriated funds requested in customer accounts and Industrial and Stock Fund activities pricing.

0208128N Collateral Equipment Funding;X-0-08;
Includes Operation and Maintenance, Navy funding for the procurement of collateral equipment that is required to initially outfit new military construction at naval shore activities.

0208160F Technical Evaluation System;X-95-3;;
This is a special access program. Access will be granted on a strict need-to-know basis only.

0208161F Special Evaluation System;X-95-3;;
This is a special access program. Access will be granted on a strict need-to-know basis only.

0208198A Management HQS (CAA);X-1-006;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Concepts Analysis Agency (CAA)

Excludes other nonmanagemment headquarters resources. Refer to DoDD 5100.73.

0208298K Management Headquarters (Joint Tactical C3 Agency);X-7-09;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

The directorate and staff elements of the JTC3A, a field activity of the Defense Communications Agency, and those activities providing administrative and operating support to the JTC3A. Includes reimbursement to the Department of the Army for administrative support.

0208298Q Management Headquarters (Joint Tactical C3 Agency) (FY 87 and prior) (H);X-91-2;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

The headquarters element of the JTC3A and those activities providing administrative and operating support to the JTC3A headquarters. Includes reimbursement to the Department of the Army for administrative support provided to JTC3A in accordance with DoD Directive 5154.28, "Joint Tactical Command, Control and Communications Agency (JTC3A)", July 5, 1984.

02083050 (DA,DF,DN) Base Support;X-93-3;;

Includes manpower authorizations, peculiar and support equipment and the associated direct and indirect costs specifically identified and measurable to laundry and dry cleaning services, and the provision by the Navy of utilities, services, facilities maintenance, family housing services and shore facilities planning support through Public Works Centers.

0208384BP Chemical and Biological Defense Program;X-95-1;
Includes all operational systems development and production efforts in support of chemical and biological defense. Efforts include medical, non-medical and counterproliferation-related activities.

0208610A Information Management-Automation-Program 2;X-9-04;
Includes civilian and military manpower authorizations and related costs as applicable. Provides resources for staff supervision at major command (MACOM) and installation levels of information management activities; includes all costs associated with mission-related data processing, to include personnel, supplies, equipment, design costs, analysis, programming, and operations and maintenance expenses.

Excludes manpower and related costs of Automation Acquisition management and support (PEO/PM life cycle management costs), central software design, and operation of Life Cycle Software Support Centers (see specific PEs for these costs and definitions).

0208615A Automated Acquisition Mgt & Spt: Project Mgrs-Prog 2;X-9-04;
Includes manpower authorizations, peculiar and support equipment, necessary facilities, and the associated costs specifically identified and measurable to the following:

The operation of Army Acquisition Executive chartered Program Executive Officer/Project manager offices and other Army chartered Project Managers for automated information systems developed and fielded under the DoD 7920 Life Cycle Management Directives. Includes the salary and expense costs for the life cycle of the system.

Excludes the costs of development, fielding or operation of the hardware and software associated with these systems. Excludes Program Executive Officer/Project manager costs for systems developed under the guidelines of the DoD 5000 acquisition management series of directives.

0208616A Information Mgt-Central Software Design-Program 2;X-9-04;
Includes manpower authorizations, peculiar and support equipment, necessary facilities, and the associated costs specifically identified and measurable to the following:

The operation of an organization, or segments thereof, which is responsible for designing, coding, testing, documenting, and subsequently maintaining/modifying executive or application software for use Major Command or Armywide. Includes technical assistance, field assistance to users, quality assurance, and library operations when these functions are performed in support of a central software design activity. Also includes resources for contractor designed and developed software.

Excludes costs attributable to software design for systems being fielded under the DOD 5000 series of acquisition directives.

02087190 (A,F,M,N) Child Development;X-93-3;
Includes manpower authorization, facilities, supplies and support equipment and associated costs specifically identified and measurable to the intellectual, social, emotional and physical development of children. The primary sources are child development centers and family child care/family day care home which are government quarters, owned or leased.

02087200 (A,F,M,N) Family Centers;X-93-3;
Includes manpower authorization, facilities, supplies and support equipment and associated costs specifically identified and measurable to the Services and includes:

Spouse employment, relocation assistance, crisis referral and aid for families, financial management planning, information concerning family support resources, and services for families with special needs.

02088530 (A,F,M,N) Environmental Conservation;X-94-6;;
Conservation includes any action specifically required to protect or enhance natural and cultural resources, preserve access to improved and unimproved training areas, and make necessary repairs to minimize erosion and otherwise rehabilitate DoD lands and waters. This includes complying with federal, state and local codes such as the National Historic Preservation Act, Archaeological Resources Protection Act, Native American Graves Protection and Repatriation Act, Endangered Species Act, Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), and the Sikes Act.

Funds all costs associated with direct support of conservation activities, including:

A. Studies and surveys to identify, inventory, and manage existing natural and cultural resources and evaluation of the resources so identified and inventoried;

B. Management costs, including workyears devoted to natural and cultural activities and preparing natural and cultural resource management plans;
C. Permits for use of natural and cultural resources;
D. Certification of innovative technology for DoD applications;
E. Design, construction, maintenance or repair costs specifically required to restore, improve or maintain natural or cultural resources;
F. Supplies and equipment required to carry out applicable natural and cultural resources management activities;
G. Appropriated funds attributable to fish, wildlife, agricultural outleasing and timber management activities.

Excludes:

A. Base Closure costs associated with these programs;

B. Normal maintenance required for appearance, including landscaping;
C. NEPA costs associated with facilities or weapons systems which are included in facility or weapon system costs;
D. Activities funded in the Defense Business Operations Fund (DBOF), which are charged to the appropriate DBOF program elements.

02088540 (A,F,M,N) Pollution Prevention;X-94-6;;
Pollution prevention is any action that is designed to reduce or eliminate (rather than control or treat) the future impact that an operation may have on the environment (including impacts to the air, surface and ground waters, vegetation and soils) through the source reduction of pollutants, more efficient use of natural resources, recycling, and/or reduced emissions of toxic and other undesirable materials or wastes to the environment.

Funds all costs associated with pollution prevention, including:

A. Certification of innovative technology for DoD applications;
B. Any laws, Executive Orders, or DoD policies that apply specifically to pollution prevention efforts;
C. Initial acquisition of environmentally acceptable replacements for hazardous materials required to comply with pollution prevention standards; (excludes normal replacement of hazardous material with less hazardous materials);
D. Installation level pollution prevention plans, assessments, equipment, and projects;
E. Review and modification of standardized documents for the sole purpose of eliminating or reducing the use of toxic chemicals and/or hazardous materials;
F. Cost of personnel and office operations directly involved with pollution prevention programs (including recycling programs);
G. Any facilities construction costs or maintenance costs primarily required to meet pollution prevention goals;

Excluding:

A. Research and development efforts associated with pollution prevention, which are covered under specific R&D program elements;
B. Normal infrastructure maintenance and repair to keep a system in good working order or system replacement as part of normal replacement cycles;
C. Activities funded in the Defense Business Operations Fund (DBOF), which are charged to the appropriate DBOF program elements;
D. Activities funded as part of a larger system acquisition program, which should be separately identified through cost accounting codes under the main system acquisition program element. For example, pollution prevention efforts included in the design of a new weapon system would be under the PE of the weapon system;
E. Base closure costs associated with these programs;

F. Activities funded within Family Housing program elements.

0208861C Theater High-Altitude Area Defense System Procurement Program;X-95-1;
Procurement for programs, projects, and activities for selected THAAD system designs and supporting THAAD equipment. Includes manpower authorizations and the associated costs specifically identified and measured to the performance of these programs.

0208862C Theater Missile Defense Ground Based Radar (GBR-T) Procurement Program;X-95-1;
Procurement for programs, projects, and activities for selected TMD-GBR system designs and supporting TMD-GBR equipment. Includes manpower authorizations and the associated costs specifically identified and measured to the performance of these programs.

0208863C HAWK Upgrades Procurement Program;X-95-1;
Procurement for programs, projects, and activities for selected HAWK system designs and supporting HAWK equipment. Includes manpower authorizations and the associated costs specifically identified and measured to the performance of these programs.

0208864C Battle Management and C4I for TMD Acquisition Program;X-95-1;
Procurement for programs, projects, and activities for selected BMC3I system designs and supporting BMC3I equipment. Includes manpower authorizations and the associated costs specifically identified and measured to the performance of these programs.

0208865C Patriot PAC-3 Procurement Program;X-95-1;
Procurement for programs, projects, and activities for selected PAC-3 system designs and supporting PAC-3 equipment. Includes manpower authorizations and the associated costs specifically identified and measured to the performance of these programs.

0208867C Navy Lower Tier Procurement Program;X-95-1;
Procurement for programs, projects, and activities for selected Navy Lower Tier system designs and supporting Navy Lower Tier equipment. Includes manpower authorizations and the associated costs specifically identified and measured to the performance of these programs.

02088890 (A,B,D,F,G,J,K,L,M,N) Counterdrug Support;X-94-2;;
Captures non-intelligence costs specifically identified and measurable to Counterdrug detection or monitoring; command, control, communication, and non- intelligence assets dedicated to the detection of illegal drugs and integrated into communication networks; other equipment required for drug interdiction/eradication/host nation operations assigned and/or directed, and any procurement, MILCON, RDT&E for operational systems, or operating and

maintenance costs associated. Only projects approved by the Secretary of Defense and supported by the transfer appropriation will be included.

Excludes Special Operations activities in Major Program 11. Civilian and military authorizations may be associated with this PE.

0211148A Service Support to SOF Activities (H);X-92-4;;
Includes resources associated with non-SOF uniques (service standard) equipment provided to Active Army SOF activities under provisions of CINCSOC/Army Memorandum of Agreement (MOA).

Excludes costs of equipment provided to SOF Reserve Component activities which are in Program 5 and SOF uniques items resourced in Program 11 by CINCSOC.

0212120A Special Operations Command, USLANTCOM;X-0-09;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and associated costs specifically identified and measurable to Special Operations Command of respective theater CINC. SOC headquarters are considered part of CINC theater operational structure, and are not identified as Program 11, Special Operations Forces as defined by Section 167, Title 10 USC.

0212130A Special Operations Command, USEUCOM;X-0-09;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and associated costs specifically identified and measurable to Special Operations Command of respective theater CINC. SOC headquarters are considered part of CINC theater operational structure and are not identified as Program 11, Special Operations Forces, as defined by Section 167, Title 10 USC.

0212140A Special Operations Command, USPACOM;X-0-09;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and associated costs specifically identified and measurable to Special Operations Command of respective theater CINC. Includes SOC-K in support of CINC USFK as well as SOC-PAC. SOC headquarters are considered part of CINC theater operational structure and are not identified as Program 11, Special Operations Forces, as defined by Section 167, Title 10 USC.

0212150A Special Operations Command, USSOUTHCOM;X-0-09;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and associated costs specifically identified and measurable to Special Operations Command of respective theater CINC. SOC headquarters are considered part of CINC theater operational structure and are not identified as Program 11, Special Operations Forces, as defined by Section 167, Title 10 USC.

0212380A Special Operations Command, USCENTCOM;X-0-09;

Includes manpower authorizations, peculiar and support equipment, necessary facilities and associated costs specifically identified and measurable to Special Operations Command of respective theater CINC. SOC headquarters are considered part of CINC theater operational structure and are not identified as Program 11, Special Operations Forces, as defined by Section 167, Title 10 USC.

03010110 (A,D,F,G,N) Cryptologic Activities;X-93-4,;
Include manpower authorizations, peculiar and support equipment, necessary facilities, and the associated costs specifically identified and measurable to the signals intelligence activities of the following:

National Security Agency: Collects, processes, and disseminates signals intelligence information for national foreign intelligence and counterintelligence purposes and supports military operations.

Air Force: Elements of the Air Force Intelligence Command which conduct Air Force cryptologic operations (ground and airborne). Elements of the Air Combat Command which support the Airborne SIGINT Reconnaissance Program and elements of the United States Air Force in Europe (USAFE) which conduct cryptologic operations and provide cryptologic support.

Army: Elements of the Intelligence and Security Command, the Intelligence Material and Management Command, the Material Support Activity, and the Intelligence and Electronic Warfare Directorate.

Navy: Naval Security Group (NSG) field sites, Naval Reconnaissance and Surveillance collection, Ship Program (including Technical Sensor Collection personnel), and Marine Support Battalion in support of NSG.

Excludes Cryptologic Communications, PE 03010550; Electronic Warfare activities (see appropriate elements in Program 2); direct support (see appropriate elements in Program 2); Cryptologic Training, PE 08047340; Management Headquarters activities, PE 03011980; and Fleet Management Headquarters resources included in PE 0204698N.

03010550 (A,F,G,N) Cryptologic Communications;X-79-008;
Includes development, procurement, construction, operation and maintenance resources required for the Critical Communications Network (CRITICOMM) and all other telecommunications used primarily to transfer or coordinate signal intelligence (SIGINT) information such as the OPSCOMMS and Improved AG-22 Terminal System (IATS) telecommunications facilities. Also includes: Leased costs of switched network access lines and other CRITICOMM circuits and terminal equipment including installation charges; telecommunications terminal devices and communications equipment including processors used as switching and distribution devices, and spares and supplies for those devices; manpower and associated costs for network operations, maintenance, control and direction, excluding personnel at switched network switches operated under the Communications Services Industrial Fund; base communications for cryptologic activities where these activities provide their own internal communications; and other resources specifically identified to the SIGINT communications activities of the following organizations:

Army Communications Command, Naval Security Group Command, Marine Support Battalion in support of NSGC, Naval Electronics Systems Command, Air Force Security Service, Air Force Communications Service, Air Force Logistics Command.

Excludes management headquarters resources - see PE 03011980. COMSEC resources which are included in PE 03034010. Switched network backbone costs which are included in PE 03031260. The cost of shared leased and Government-owned common-user channels traditionally provided in the general service communications programs - STARCOM, NAVCOM, AIRCOM. Fleet Management headquarters resources included in PE 0204698N, real property maintenance - see PE 03011940, and base operations - see PE 03011960.

0301153F Environmental Conservation;X-94-6;;

Conservation includes any action specifically required to protect or enhance natural and cultural resources, preserve access to improved and unimproved training areas, and make necessary repairs to minimize erosion and otherwise rehabilitate DoD lands and waters. This includes complying with federal, state and local codes such as the National Historic Preservation Act, Archaeological Resources Protection Act, Native American Graves Protection and Repatriation Act, Endangered Species Act, Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), and the Sikes Act.

Funds all costs associated with direct support of conservation activities, including:

A. Studies and surveys to identify, inventory, and manage existing natural and cultural resources and evaluation of the resources so identified and inventoried;
B. Management costs, including workyears devoted to natural and cultural activities and preparing natural and cultural resource management plans;
C. Permits for use of natural and cultural resources;
D. Certification of innovative technology for DoD applications;
E. Design, construction, maintenance or repair costs specifically required to restore, improve or maintain natural or cultural resources;
F. Supplies and equipment required to carry out applicable natural and cultural resources management activities;
G. Appropriated funds attributable to fish, wildlife, agricultural outleasing and timber management activities.

Excludes:

A. Base Closure costs associated with these programs;
B. Normal maintenance required for appearance, including landscaping;
C. NEPA costs associated with facilities or weapons systems which are included in facility or weapon system costs;
D. Activities funded in the Defense Business Operations Fund (DBOF), which are charged to the appropriate DBOF program elements.

0301154F Pollution Prevention;X-94-6;;

Pollution prevention is any action that is designed to reduce or eliminate (rather than control or treat) the future impact that an operation may have on the environment (including impacts to the air, surface and ground waters, vegetation and soils) through the source reduction of pollutants, more efficient use of natural resources, recycling, and/or reduced emissions of toxic and other undesirable materials or wastes to the environment.

Funds all costs associated with pollution prevention, including:

A. Certification of innovative technology for DoD applications;
B. Any laws, Executive Orders, or DoD policies that apply specifically to pollution prevention efforts;

C. Initial acquisition of environmentally acceptable replacements for hazardous materials required to comply with pollution prevention standards; (excludes normal replacement of hazardous material with less hazardous materials);
D. Installation level pollution prevention plans, assessments, equipment, and projects;
E. Review and modification of standardized documents for the sole purpose of eliminating or reducing the use of toxic chemicals and/or hazardous materials;
F. Cost of personnel and office operations directly involved with pollution prevention programs (including recycling programs);
G. Any facilities construction costs or maintenance costs primarily required to meet pollution prevention goals;

Excluding:

A. Research and development efforts associated with pollution prevention, which are covered under specific R&D program elements;
B. Normal infrastructure maintenance and repair to keep a system in good working order or system replacement as part of normal replacement cycles;
C. Activities funded in the Defense Business Operations Fund (DBOF), which are charged to the appropriate DBOF program elements;
D. Activities funded as part of a larger system acquisition program, which should be separately identified through cost accounting codes under the main system acquisition program element. For example, pollution prevention efforts included in the design of a new weapon system would be under the PE of the weapon system;
E. Base closure costs associated with these programs;
F. Activities funded within Family Housing program elements.

0301156F Environmental Compliance;X-94-6;;
Environmental Compliance includes actions to achieve and maintain full and sustained compliance with federal, state, and local environmental laws and regulations, Executive Orders, host nation regulations and DoD policies. Applies to workyears, training, travel, supplies, permits, fees, support equipment, service, and facilities (if the primary purpose is to comply with environmental standards) and the associated costs specifically identified and measurable to environmental compliance.

Funds all costs related to environmental compliance, including:

A. Recurring costs of environmental program management, daily operations and services, permits, fees, certifications, studies, and licenses; civilian workyears; education and training of environmental programs; hazardous waste management and disposal; sampling, analysis, monitoring and surveys; supplies, equipment, and travel.
B. Nonrecurring costs of projects/services required to bring DoD into compliance with environmental standards or comply with a notice of violation (Class I); to prevent DoD from failing to meet impending environmental standards (Class II); or to enhance the environment beyond legal requirements (Class III);

C. Pest management programs to meet FIFRA standards for pest management and pesticide storage, handling or use standards;
D. Overseas cleanup, as well as overseas compliance, efforts; and
E. Certification of innovative technology for DoD applications.

Excluding:

A. Efforts funded under Defense Environmental Restoration Account, Conservation, Pollution Prevention, BRAC or Occupational Health and Safety auspices;
B. Research and Development efforts associated with compliance, which are covered under specific R&D program elements;
C. Normal maintenance and repair to keep systems in working order, system replacement as part of normal replacement cycle; and normal installation operations (i.e. solid waste disposal including tipping fees, landfill operations, etc.); normal wastewater treatment plants, both domestic and industrial, which are appropriately included in base operations;
D. Upgrade/alteration of an industrial process undertaken for other than environmental purposes;
E. Environmental certification/licenses funded separately from mandatory requirements and training;
F. Routine pest control applications required to preserve structural integrity, properly charged to RPM and health applications, such as, mosquito control.

03011760 (A,F,N) Minor Construction (RPM) - Cryptologic;X-91-3;;
Includes manpower authorizations, peculiar and support equipment, necessary faclities and the associated cost specifically identified and measurable to the following:

All construction costing less than the statutory maximum amount for a Minor Military Construction project as established by section 2805 of title 10 U.S.C. in support of cryptologic activities.

03011780 (A,F,N) Maintenance and Repair (RPM) - Cryptologic;X-91-3;;
Includes manpower authorizations, peculiar and support equipment, necessary faclities and the associated cost specifically identified and measurable to the following:

Maintenance and repair of real property, i.e., utilities, buildings, other facilities, pavements, (roads, parking areas, runways, etc.), land, and grounds. Includes, but not limited to, such things as repair of electrical circuitry, heating and air conditioning, water piping, and routine maintenance work such as caulking, painting, etc. in support of cyrptologic activities.

03011790 (F,N) Real Property Services (RPS) - Cryptologic;X-94-7;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs of

utility plant operations, purchased utilities, air conditioning and refrigeration, utility fuels, fire protection, crash rescue, snow removal and ice alleviation, entomological services, window glass replacement, elevator maintenance/inspection, custodial services, refuse collection and disposal, sewer and waste systems, rental of real property, facility engineering and public works management, other installation engineering services and other annual service requirements performed in-house or by contract.

03011940 (A,F,N) Real Property Maintenance - Cryptologic (H);X-93-2;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: Real property maintenance at installations with the primary mission of supporting cryptologic activities. Maintenance and repair of all real property: utilities systems, buildings, other facilities, pavements (roads, parking areas, etc.), land (grounds).

Minor construction (with other than military construction funds).

Operation of utilities for all real property.

Other engineering support: fire protection, custodial services, entomology services, refuse collection and disposal, snow removal and ice alleviation, rental of real property, excluding payments to GSA, other installation engineering services.

Includes all resources in functional categories 9, 10, 11 and 12 as defined in DoD Instruction 7220.20. Also includes all resources (except manpower and military pay) used by groups/units assigned to specific BOS tasks on an ad hoc basis such as Army engineer/RED HORSE/Naval Construction Force units assigned to repair/ construct facilities, roads, parking areas, etc., even if the work is classified as a military unit training project.

Includes funding for reimbursement of Public Works Centers or host installations for real property maintenance of cryptologic activities.

Excludes costs of maintaining family housing. See PE 08087460, Family Housing Maintenance.

03011960 (A,N,F) Base Operations - Cryptologic;X-95-1;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following functional categories of effort:

Administration: Installation Headquarters Administration and Command (including squadron level responsible for Base Operations), Installation Comptroller Services, Installation ADP Services, Installation Information Activities, Installation Legal Activities, Civilian Personnel Administration, Installation Military Personnel, Administration Installation Printing and Reproduction, Installation Safety, Installation Management Analysis/Management Engineering.

Retail Supply Operations: Installation Supply Activities, Installation Procurement Operation, Installation Storage Activ ities.

Maintenance of Installation Equipment: (Includes maintenance of administrative aircraft, vehicles and equipment; but excludes maintenance of tactical equipment, combat vehicle and mission aircraft).

Other Base Services: Installation Transportation Activities, Installation Training (excludes Troop training and

tactical exercise). Installation Physical and Police Activities, Laundry and Dry Cleaning (for troop support and other appropriated fund activities). Installation AirField/Air Base Operations (control tower, weather, flight service, etc.) Installation Restoration.

Bachelor Housing Operations and Furnishing: (management; housing assignment, care of quarters, provisions, care preservation and maintenance of furnishings, etc.)

Other Personnel Support: Food Service; Social Action; Community Service; Chaplain Services; Bands; Morale, Welfare and Recreation.

Excluded are the following functional categories which are a part of the standard definition of Base Operating Support, but are reported under separate PEs: Real Property Services, Minor Construction, Maintenance and Repair, Base Communications, Commissary Operations (Retail and Troop Issue), Station Hospitals, Medical and Dental Clinics and Dispensaries, Family Housing.

03011980 (A,F,G,N) Management Headquarters (Cryptologic);X-1-006;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

ARMY: Manpower and other resources in HQ, INSCOM and area offices attributable to the Consolidated Cryptologic Program.

NAVY: Navy Security Group Headquarters (NAVSECGRU HQ).

AIR FORCE: Air Force Electronic Security Command (ESC HQ)

NATIONAL SECURITY AGENCY: National Security Agency/Central Security Service (NSA/CSS) Headquarters.

NOTE: These resources are integral to the CDIP.

Excludes nonmanagement headquarters resources.

0301301L General Defense Intelligence Program;X-80-007;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and associated costs specifically identified and measurable to activities in the National Foreign Intelligence Program (NFIP) for DIA to:

Satisfy the foreign military and military-related intelligence requirements of the Secretary of Defense, the The Joint Staff, the U&S Commands, other Defense components, and , as appropriate non-Defense agencies.

Provides military intelligence for national foreign intelligence products.

Coordinate all Department of Defense General Military (GMI) and Scientific and Technical Intelligence (S&TI) collection requirements for departmental needs.

Manage the Defense Attache System.

Provide foreign intelligence and counterintelligence staff support to the The Joint Staff.

0301302A Army Intelligence Agency;X-91-2;;HB
Includes civilian and military manpower authorizations, support equipment, necessary facilities and associated costs specifically identified and measurable to manage, acquire, process, interpret, evaluate, integrate, produce and disseminate all-source intelligence and threat analysis to support planning, training material development, combat development and combat operations of the Department of the Army and its major commands.

0301303N Maritime Intelligence;X-95-3;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the Office of Naval Intelligence (ONI) in order to produce finished intelligence on: foreign naval operations; naval weapons systems; naval tactics; undersea and anti-submarine warfare forces/systems; naval C3; naval related electronic warfare systems; ocean surveillance systems; and merchant shipping.

0301304N Ocean Surveillance Information Center;X-93-4;;
Includes manpower authorizations, dedicated and support equipment, necessary facilities and associated costs specifically identified and measurable to the Navy (FOSIF, ROTA, WESTPAC LANTCOM, PACOM) in order to provide I&W intelligence on foreign naval operations; and to receive, analyze, integrate, and maintain the National Maritime Data Base.

0301305F Intelligence Production Activities;X-80-007;
Includes manpower authorizations, support equipment, and associated costs specifically identified to provide specialized intelligence support to the Secretary of Defense, JCS, Air Force and analysts who address force structure issues and deal with weapons system requirements, development, and integration. Also includes exploitation in support of Air Force analytical efforts and camouflage, concealment and deception studies including:

Intelligence Research Division (AFIS), Strategic and General Purpose Threat Divisions (AFIN), Concealment and Deception Threat Division (ESC), Photo Research Division (AFIS).

0301307A Foreign Science and Technology Center ;X-91-2;
Includes manpower authorizations, peculiar and support equipment facilities and associated costs specifically identified and measurable to FSTC to acquire, process, analyze, interpret, evaluate and intergrate the information necessary to produce all source Scientific and Technical Intelligence (S&TI) on foreign ground and related systems (excludes surface-to-surface, surface-to-air and antiballistic missile systems).

03013080 (A,L) Missile Intelligence Agency ;X-91-2;
Includes peculiar and support equipment, facilities and associated costs specifically identified and measurable to

MIA to acquire, process, analyze; interpret, evaluate and intergrate the information necessary to produce Scientific and Technical Intelligence (S&TI) on foreign short-range ballistic missile (SRBM) systems, surface-to-air missile (SAM) systems, anti-ballistic missile (ABM) systems and related systems.

0301309N Intelligence Support Center;X-80-007;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to NISC to acquire, process, analyze, interpret, evaluate and integrate the information necessary to produce all-source Scientific and Technical Intelligence (S&TI) and General Military Intelligence (GMI) on foreign undersea warfare, anti-submarine warfare forces/systems, naval weapons systems (including aerodynamic missiles, submarine-launched ballistic missiles, conventional weapons and ordnance), naval command, control and communications, naval related electronic warfare systems, merchant marine systems and military lift potential, naval related space systems and ocean surveillance systems.

0301310F Foreign Technology Division;X-80-007;
Includes manpower authorizations, peculiar and support equipment, facilities and associated costs specifically identified and measurable to FTD to acquire, process, analyze, interpret, evaluate and integrate the information necessary to produce all-source Scientific and Technical Intelligence (S&TI) on related foreign air, space, missile systems and aerospace systems or equipment (except SRBMs. SAMs, ABMs and Naval related systems).

03013110 (A,L) Armed Forces Medical Intelligence Center;X-5-01;
Includes manpower authorizations, peculiar and support equipment, facilities and associated costs specifically identified and measurable to AFMIC to acquire, process, analyze, interpret, evaluate, and integrate the information necessary to produce Scientific and Technical Intelligence (S&TI) and general medical intelligence on biomedical and bioenvironmental sciences related to capabilities of U.S. forces, foreign medical research and development, and the impact of foreign natural environmentals on military personnel.

0301313F Defense Dissemination Program;X-93-4;;
Includes manpower authorizations, unique and support equipment, supplies, necessary facilities and associated costs specifically identified and measurable to produce and support the Defense Dissemination System (DDS) Transmission and Recieve Segments. The DDS rapidly disseminates time-critical data to Unified and Specified Commands and tactical users.

Excludes DDS Processing Segment.

0301314F IR/EO/DEW Processing and Exploitation;X-93-4;;
Includes manpower authorizations and operations and support costs for processing, exploitation, and reporting to satisfy national, service, and U&S Command requirements.

0301315F Missile and Space Technical Collection;X-94-1;

Includes manpower, peculiar and support equipment, necessary facilities and associated costs of specified sensor systems, plus reconnaissance activities using these systems which are not otherwise identified.

0301317F SENIOR YEAR Operations;X-93-4;;
The U-23 SENIOR YEAR program conducts worldwide peacetime, crisis, and wartime reconnaissance in support of national- level decision makers and theater commanders. Includes operating unit manpower authorizations, peculiar support equipment, necessary facilities, and associated costs specifically identified and measurable to U-2 activities.

03013180 (A,F,N,M) HUMINT (Controlled);X-94-1;
Includes those costs and manpower for units and activities which engage in or support the collection of positive foreign intelligence using controlled collection methods.

Excludes counterintelligence and Overt HUMINT collection activities.

0301320F Defense Attache System;X-80-007;
Includes mission supportive modifications to USAF aircraft assigned to the Defense Intelligence Agency for utilization by the Defense Attache System.

03013210 (A,F,N,M) HUMINT (Overt);X-94-1;
Includes those costs and manpower for units and activities which engage in or support the collection of of positive foreign intelligence using authorized overt intelligence collection activities.

Excludes counterintelligence and Controlled HUMINT collection activities.

0301323N Collection Management;X-96-1;;
Provides manpower authorization and funding for U.S. Navy and Office of Naval Intelligence: coordination of efforts and requirements between the naval analytical community, national collection assets and maritime operational commanders; conduct of naval foreign cooperation operations; and pursuit of selected maritime technical collection operations.

0301324F FOREST GREEN;X-93-4;;
Includes manpower authorizations; sensor, processing, and support equipment; facilities and other associated costs for FOREST GREEN operations.

0301325N PRAIRIE WAGON (H);X-93-4;;
Includes peculiar and support equipment and associated costs specifically identified and measurable to an

advanced, automated, modular signals exploitation system.

0301326N PRAIRIE SCHOONER;X-93-4;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to provide intelligence-peculiar sensors, signal processors, and recorders for collecting intelligence.

03013270 (A,N) Technical Reconnaissance and Surveillance;X-94-1;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs to develop and procure intelligence-peculiar sensors.

03013280 (F,N) USSTRATCOM GDIP Activities;X-94-1;
Includes manpower authorizations, unique and support equipment, necessary facilities and the associated costs specifically identified and measurable to support GDIP efforts assigned to USSTRATCOM. Activities include:

544th Strategic Intelligence Wing (544th SIW), 9th Reconnaissance Technical Squadron (9th RTS), USSTRATCOM Intelligence Data Handling System, Defense Dissemination System (DDS).

03013290 (A,F,N) European Command GDIP Activities;X-80-007;
Includes manpower authorizations, unique and support equipment, ADP, necessary facilities and the associated costs specifically identified and measurable to support the General Defense Intelligence Program efforts in Europe, includes:

ARMY: European Command Defense Analysis Center (EUDAC), EUCOM J-2 Intelligence Data Handling System (IDHS), EUCOM Special Security Office (SSO).

NAVY: European Command Headquarters; Commander in Chief U.S. Naval Forces Europe; Fleet Ocean Surveillance Information Center Detachment, London; Fleet Ocean Surveillance Information Facility, Rota, Spain; EUDAC Manpower.

AIR FORCE: 497 Reconnaissance Technical Group, Intelligence Data Handling System (IDHS), Defense Dissemination System (DDS), EUDAC Manpower.

03013300 (A,N,F) Pacific Command GDIP Activities;X-7-07;
Includes manpower authorizations, unique and support equipment, ADP, secure communications, necessary facilities, and the associated costs specifically identified and measurable to the General Defense Intelligence Program mission of the Pacific Command. Includes:

ARMY: IPAC Manpower

NAVY: Commander in Chief Pacific, Commander in Chief Pacific Fleet, Intelligence Center Pacific (IPAC), Fleet Intelligence Center, Pacific, Fleet Ocean Surveillance Information Center Detachment, Pacific, Fleet Ocean

Surveillance Information Facility, Western Pacific, Fleet Marine Force Command, Pacific, IPAC manpower.

AIR FORCE: 548 Reconnaissance Technical Group, Intelligence Data Handling System (IDHS), Defense Dissemination Program (DDP), IPAC Manpower.

03013310 (A,N,F) Atlantic Command GDIP Activities;X-7-07;
Includes manpower authorizations, unusual and support equipment, necessary facilities and the associated costs specifically identified and measurable to the General Defense Intelligence Program mission of the Atlantic Command. Includes:

ARMY: LANTCOM Defense Analysis Center Manpower, Hq, Atlantic Command Manpower.

NAVY: Commander in Chief Atlantic, Commander in Chief Atlantic Fleet, Atlantic Command Defense Analysis Center, Fleet Intelligence Center Europe and Atlantic, Fleet Ocean Surveillance Information Center Detachment, Norfolk, Fleet Marine Force Command, Atlantic.

AIR FORCE: LANTCOM Defense Analysis Center Manpower, Defense Dissemination System.

03013320 (A,F,N) Readiness Command GDIP Activities;X-5-07;
Includes manpower authorizations, unique and support equipment, ADP, necessary facilities and the associated cost specifically identified and measurable to support the General Defense Intelligence Program efforts for REDCOM. Includes:

Air Force: 480th Reconnaissance Technical Group (RTG), TAC Intelligence Data Handling System (IDHS), REDCOM IDHS.

Army and Navy: Intelligence Production and Data Handling System (IDHS).

0301333N Fleet Intelligence Support;X-80-007;
Includes support to fleet commanders in highly specialized sensor areas associated with unique collection programs; deploy forward area support teams to augment fleet units with personnel capable of performing on-site intelligence analysis. Task Force 168.

Excludes Task Force 168 resources in PE 0301321N.

03013340 (A,F,N) Other Commands GDIP Activities;X-9-02;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to:

Production and Intelligence Data Handling System (IDHS) support to activities which exploit foreign intelligence. Includes:

Army: IDHS and production at ADCOM and SPACECOM, Defense Advance Language and Area Studies Program (DACASP); and for other GDIP activities not otherwise provided for.

Navy: Production and intelligence support at ADCOM, SPACECOM, and COMUSNAVCENT; and for other GDIP activities not otherwise provided for.

Air Force: IDHS and production at MAC, AAC, ESC, and SPACECOM.

03013350 (A,F,N,M) Information Systems GDIP Support;X-94-1;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs to develop, and operate information systems support for the DoD intelligence community. Specifically includes resources for contract support for engineering, developing, and procuring information processing equipment and applications; equipment maintenance; applications and operating systems software support, supplies, and other operating expenses.

Excludes telecommunications and information processing support specifically identifiable to GDIP production activities.

03013360 (A,F,N) Special Operations/Central Command GDIP Activities;X-9-02;
Includes manpower authorizations, unique and support equipment, ADP, necessary facilities and the associated cost specifically identified and measurable to support the General Defense Intelligence Program efforts for SOCOM/CENTCOM. Includes:

Air Force: 480th Reconnaissance Technical Group (RTG), TAC Intelligence Data Handling System (IDHS), SOCOM/CENTCOM IDHS.

Army and Navy: Intelligence Production and Data Handling System (IDHS).

0301339B Intell Telecom and Defense Special Security (H);X-80-007;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and associated costs specifically identified and measurable for the Special Intelligence Telecommunications (SPINTCOM) network, other telecommunications used primarily to transmit special compartmented intelligence and collateral information, and certain sensitive and privacy information to and between intelligence organizations. Includes:

Subscriber costs of switched backbone costs (CSIF trunks and switch operations). Telecommunications terminal devices and communications equipment including processors used as switching and distribution devices; spares and supplies for the devices.

Leased costs of AUTODIN switched network access lines. Other communications circuits and terminal equipment including installation charges. IDHS communications devices and services required for communications between IDHS computer sites and between computers and remote users (for purposes of this definition, a user or device is termed "remote" normally when it is outside the physical security perimeter within which the computer system resides).

Base communications for installations with a primary mission of intelligence. Nonrecord telecommunications facilities for the exchange of intelligence information; and Dod component activities participating in INTELLCOMM and Defense Special Security System (DSSS) located worldwide.

Army includes only DSSS support and intelligence data handling system support to Southern Command.

Excludes:

Personnel at network switches operated under the Communications Services Industrial Fund (CSIF).

COMSEC resources included in PE 03034010, switched network backbone costs included in PE 03031260, and Cryptological communications resources, included in PE 03010550.

Costs of shared leased and government-owned common user channels traditionally provided in the general service communications programs, i.e., STARCOM, NAVCOM, and AIRCOM.

Costs of equipment -- computer miniframes, peripheral devices, communications processors - which service initially every user but are primarily dedicated to other military purposes.

03013390 (A,N,F) Intell Telecom and Defense Special Security Sys;X-80-007;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and associated costs specifically identified and measurable for the Special Intelligence Telecommunications (SPINTCOMM) network, other telecommunications used primarily to transmit special compartmented intelligence and collateral information, and certain sensitive and privacy information to and between intelligence organizations. Includes:

Subscriber costs for switched backbone costs (CSIF trunks and switch operations); Telecommunications terminal devices and communications equipment including processors used as switching and distribution devices; spares and supplies for the devices. Leased costs of AUTODIN switched network access lines. Other communications circuits and terminal equipment including installation charges. IDHS communications devices and services required for communications between IDHS computer sites and between computers and remote users (for purposes of this definition, a user or device is termed "remote" normally when it is outside the physical security perimeter within which the computer system resides). Base communications for installations with a primary mission of intelligence. Nonrecord telecommunications facilities for the exchange of intelligence information; and DoD component activities participating in INTELLCOMM and Defense Special Security System (DSSS) located worldwide. Army includes only DSSS support and intelligence data handling system support to Southern Command.

Excludes: Personnel at network switches operated under the Communications Services Industrial Fund (CSIF). COMSEC resources included in PE 03034010, switched network backbone costs included in PE 03031260, and Cryptological communications resources, included in PE 03010550. Costs of shared leased and government-owned common user channels traditionally provided in the general service communications programs, i.e., STARCOM, NAVCOM, and AIRCOM. Costs of equipment - computer miniframes, peripheral devices, communications processors - which service initially every user but are primarily dedicated to other military purposes.

0301340L Technology Transfer Functions;X-3-01;
This program element provides for review and evaluation of munitions cases, US and allied strategic trade cases, technical data exchange agreements, reciprocal Memorandum of Understanding and other similar agreements; development and maintenance of military critical technologies list; Coordinating Committee (COCOM), Control Commodities List (CCL) and munitions list reviews; participation on Technical Advisory Committees and steering and working groups concerned with export control and technology transfer; other technology transfer activities as appropriate.

0301355N Navy Organizational Support ;X-95-3;;

Includes manpower, equipment, facilities and the associated costs for administrative and logistical support of the operational intelligence activities of the Naval Intelligence Command.

0301357F NUDET Detection System;X-93-4;;
Includes funds for integration of NUDET optical sensors on GPS satellites in order to provide data to fulfill nuclear monitoring requirements. Users include National Command Authority and Unified/Specified Commanders.

0301359A Special Army Program;X-3-06;
Includes manpower, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Special Army classified program within the General Defense Intelligence Program (GDIP). Resources for classified project "Sheepwalk"

0301380F CREEK RIB (H);X-80-007;

0301381A LEFIRM ARMOR (H);X-80-007;

0301382F BIG TEAM (H);X-80-007;

0301383F Reconnaissance Drone Operations (H);X-80-007;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Group Headquarters BUFFALO HUNTER activities CORONET ECHO activities COMPASS COPE (research and development for system integration of COMPASS BRIGHT/COMPASS COPE and procurement of systems to replace previous high altitude RPVs) NNTRP RPV Procurement RPV Contingency Support.

Excludes base and mission support activities identified with other elements.

03013980 (A,N,F,L) Management Headquarters GDIP;X-80-007;
Includes manpower authorization, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Headquarters, U.S. Army Intelligence and Security Command (General Intelligence) Naval Intelligence Command Headquarters.

DSSS Manpower and O&M support for activities exercising management headquarters functions as defined by AFR 26-8.

DIA - Command management of operatons, GDIP management, other managerial and administrative functions not directly related to substantive intelligence functions.

0302011F National Military Command Center (NMCC);;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Resources in support of the National Military Command System (NMCS) as defined in DoD Directive 5105.19 necessary for support of the NMCC, including Communications Complex: Procurement, installation, operation and maintenance of communications equipments, displays, television, and other communications-related equipment installed in the NMCC including leased communications/electronic equipment. Support: Funds to provide logistic support other than communications, such as material and supplies, administrative supplies, office equipment, transportation, graphic supplies, map boards, personnel travel, and officer, enlisted, and civilian pay.

Excludes all communications resources identified and reported in PE 0302016F.

03020120 (A,D) Alternate National Military Command Center (ANMCC);X-4-03;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: resources in support of the National Military Command System as defined in DoD Directives 5105.19 necessary for support of the ANMCC. This includes:

a. Communications Complex: Procurement, installation, operation and maintenance of communications equipment, displays, television, and other communications-related equipment installed in the ANMCC, including leased communications/electronic equipment.

b. Support: Funds to provide logistic support other than communications, such as material and supplies, administrative supplies, office equipment, transportation, graphic supplies, map boards, personnel travel, and officer, enlisted and civilian pay.

c. For Army - Fixed C3 Facilities Power Systems: Military Construction and related funding.

OSD: Resources to be reported by OSD in this program element are restricted to Military Comstruction, Defense Agencies only.

Excludes all resources identified and reported in PE 0302053A.

0302015F National Emergency Airborne Command Post and E-48 Class V Mods;X-3-04;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

E-4 National Emergency Airborne Command Posts; E-4 Airborne Data Automation Capabilities; E-4 Operational and Maintenance Activities; C-135C Speckled Trout Operational and Maintenance Activities (AFSC); T-39 Speckled Minnow Operational and Maintenance Activities (AFSC); Aircraft System Security.

Includes modifications, (aircraft procurement, AF and/or contract logistics support, O&M, AF) initial spares, research and development and installation associated with class V modifications to NEACP E-4B aircraft.

Excludes all AFCC manpower and resources and ground entry point supporting the NEACP that are identified in PE 0302052F. Also Excludes manpower resources financed in Program 7.

0302016N National Military Command System-Wide Support (H);X-4-03;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Resources in support of the National Military Command System as defined in DoD Directive 5105.19 necessary for support of multiple facilities of the NMCS. This includes OJCS resources and Air Force Joint Coordination Centers for Nuclear Data.

For Army - Military Construction and related funding for Fixed C3 Facilities Power Systems.

Excludes all resources that are identified and reported in Program Elements 0302011F, 0302012A, 0302015F, 0302018K, 0302052F and 03020530.

03020160 (F,J,K) National Military Command System-Wide Support;X-4-03;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Resources in support of the National Military Command System as defined in DoD Directive 5105.19 necessary for support of multiple facilities of the NMCS. This includes OJCS resources and Air Force Joint Coordination Centers for Nuclear Data.

For Army - Military Construction and related funding for Fixed C3 Facilities Power Systems.

Excludes all resources that are identified and reported in Program Elements 0302011F, 0302012A, 0302015F, 0302018K, 0302052F and 03020530.

0302017K WWMCCS ADP - JTSA;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to operation of the Joint Technical Support Agency (JTSA) providing centralized technical support to the JCS, Services, Agencies, and Unified and Specified Commands for the Standard ADP Systems supporting the WWMCCS. This support includes the planning, acquisition, maintenance, and improvement of WWMCCS nonfunctional and other standard software, configuration management support functions, and preparation of standards for the WWMCCS Standard ADP Systems. Includes design, development, test, and evaluation of nonfunctional and other standard software for the improvement of the WWMCCS Standard ADP Systems, and acquisition, by lease or purchase, installation, operation and maintenance of a standard computer system for support of the JTSA mission.

0302018K WWMCCS ADP - NMCS;;

Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

All resources (R&D, investment, and operations) directly associated with ADP support of the World-Wide Military Command and Control System (WWMCCS), as defined in DoD Directive 5100.30. Includes those resources devoted to planning, designing, developing, procuring, leasing, programming and operating ADP facilities that are a part of, or are in direct support of, WWMCCS. Includes, but is not limited to, WWMCCS new standard (Honeywell) ADP systems. Where an ADP center is providing both WWMCCS support, and non-WWMCCS support, and resources are not readily distinguishable between them, the WWMCCS portion will be determined on the basis of relative workload. Includes WWMCCS ADP resources of the NMCS Support Center.

Excludes WWMCCS architecture (PE 0603735K); and resources included in program elements which are a part of the Consolidated Telecommunications Program (CTP).

0302019K Joint/Defense Information Systems Engineering and Integration;X-94-3;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associates costs specifically identified and measurable to the following:

All direct resources associated with National and Joint-level C2 Information Systems which necessitate a high degree of multi-Service/multi-Agency planning, design, engineering programming and test/evaluation; Global C4 Systems Engineering, as defined in the C4I for the Warrior concept; and Defense Information Systems Engineering and Modelling.

Serves as the C4I systems integrator for DISA and DoD, providing the focal point for system-of-systems engineering and integration of the Defense Information System (DIS) and for top-level systems integration of overall DoD C2 information systems.

0302051N National Emergency Command Post Afloat-Communications (H);;

0302052F National Emergency Airborne Command Post (NEACP) - Communications;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Provides supporting ground communications between the NEACP aircraft (JCS Operations Team) and the National Military Command Center, the Alternate National Military Command Center, the primary and alternate command centers of the Unified and Specified Commands, the Service Military command centers and other military command elements as designated. Consists of leased circuits and UHF/FM radio and multiplexer equipment ground entry stations, fixed and transportable.

Excludes AUTOVON access lines (PE 0303126F); and resources related to airborne communications equipment (PE 0302015F).

0302053N NMCS-Wide Support - Communications (H);;

Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Resources in support of the National Military Command System as defined in DoD Directive 5105.19 necessary for support of the National Military Command System as defined in DoD Directive 5105.19 necessary for support of multiple facilities of the NMCS. This includes leased/government-owned circuitry supporting the NMCS which interconnect multiple facilities of the NMCS. This includes:

ARMY: Automatic Message Processing System (AMPS); Secure Data and Visual Communication System (SDVCS); Washington Area High Speed Facsimile Network (WASHFAX); NMCC Message Center (NMCC/MCO; and dedicated leased communications circuits and equipment for the above.

AIR FORCE: EMATS, MINUTEMAN, WHEEL HOUSE, WASHINGTON SWITCH, CAOCOMNET, JOTS, JCSAN, and JCC's.

NEACP: Resources for leased/government-owned circuitry, personnel, installation, hardware improvement, construction and other activities which interconnect the NEACP with multiple facilities of the NMCS, agencies and command centers via ground entry points.

NMCC: Resources for leased circuitry personnel, installations, hardware improvement, construction and other activities which interconnect the NMCC with the ANMCC and with communications networks that in turn provide access to other command centers and the Unified and Specified Commands.

Navy: Resources to include leased/government-owned circuitry supporting the NMCS which interconnect multiple facilities of the NMCS, including digital, video, facsimile teletype or voice related systems.

Excludes all NMCS resources identified and reported in PEs 0302012A, 0302052F and 03034010.

03020530 (A,F) NMCS-Wide Support - Communications;;

Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Resources in support of the National Military Command System as defined in DoD Directive 5105.19 necessary for support of the National Military Command System as defined in DoD Directive 5105.19 necessary for support of multiple facilities of the NMCS. This includes leased/government-owned circuitry supporting the NMCS which interconnect multiple facilities of the NMCS. This includes:

ARMY: Automatic Message Processing System (AMPS); Secure Data and Visual Communication System (SDVCS); Washington Area High Speed Facsimile Network (WASHFAX); NMCC Message Center (NMCC/MCO); and dedicated leased communications circuits and equipment for the above.

AIR FORCE: EMATS, MINUTEMAN, WHEEL HOUSE, WASHINGTON SWITCH, CAOCOMNET, JOTS, JCSAN, and JCC's.

NEACP: Resources for leased/government-owned circuitry, personnel, installation, hardware improvement, construction and other activities which interconnect the NEACP with multiple facilities of the NMCS, agencies and command centers via ground entry points.

NMCC: Resources for leased circuitry personnel, installations, hardware improvement, construction and other activities which interconnect the NMCC with the ANMCC and with communications networks that in turn provide access to other command centers and the Unified and Specified Commands.

NAVY: Resources to include leased/government-owned circuitry supporting the NMCS which interconnect multiple facilities of the NMCS, including digital, video, facsimile teletype or voice related systems.

Excludes all NMCS resources identified and reported in PEs 0302012A, 0302052F and 03034010.

0303109N Satellite Communications;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: Resources necessary to support development and acquisition and to operate, maintain, and manage all components of satellite communications. Satellite communications include space vehicles and associated terminals, control facilities/services, interconnect, and technical control facilities as designated.

Excludes all other naval and defense communications resources; headquarters resources for the Naval Telecommunications Command included in PE 0303998N; and for the Naval Electronic Systems Command included in PE 0702898N.

0303110F Defense Satellite Communications System;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Research and development, procurement, and operations resources for the space and ground segments of the Defense Satellite Communications System (DSCS); procurement and modification of launch vehicles, and other DCSC management and acquisition functions assigned to the Space and Missile Organization (SAMSO) of the Air Force Systems Command. The ground terminal equipment to be operated by the Air Force will be funded by Air Force and procured by Army.

0303111A Strategic Army Communications (STARCOM);X-93-1;;H;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and associated costs specifically identified and measurable to non-tactical telecommunications networks, services, leases, facility controls, and associated equipment which the Army operates or has operational responsibility for, and not identifiable as DCS in accordance with DoD Directive 5105.19. This includes, but is not limited to, the following supporting projects: 1. DA COOP; 2. Intermediate headquarters; 3. Commercial leases; 4. Commercial refiles; 5. Power facilities; 6. Contingency and restoral projects; 7. Frequency management; 8. Technical evaluation; 9. Systems operation, maintenance and engineering; 10. Manual and automated telecommunications centers and associated cable distribution plants; 11.Military Affiliate Radio Stations(MARS); 12. Wide Area Telecommunications Service (WATS) and Federal Telecommunications System (FTS); 13. Reimbursable Information Mission Area (IMA) non-automation manpower and associated costs.

Excludes: 1. Communications organic to tactical units and weapons systems; 2. Communications for post, camp, and station such as dial central office telephone exchanges, toll calls, local telephone charges, television cameras, hospital, doctor and nurse call system, hospital broadcast systems, sound recording and reproducing equipment, emergency service radio and wire systems, public address systems and electrical alarm systems; 3. Headquarters expenses and manpower chargeable to PE 0303998A; 4. Manpower and associated costs chargeable to 0308610A.

0303112F Air Force Communications (AIRCOM);;

Includes manpower authorization, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Major communications facilities (world-wide); contingency sites (world-wide); communications* systems; projects*, and non-DCS leased costs related to AUTOVON, AUTODIN, AUTOSEVOCOM, AIRCOM, and other Air Force systems. AIRCOM comprises communications facilities and other resources employed by the Air Force for the exchange of information between and/or within surface installations and aerospace vehicles. AIRCOM provides the transmission media for interconnection between support and command and control systems. Includes government-owned and/or leased fixed, mobile, or airborne communications facilities for the operational and support functions of the Air Force.

*Not otherwise accounted for in other elements.

Excludes Weather Service Communications (PE 0305117F); Traffic Control,Approach, and Landing System (TRACALS) (PE 0305114F); DCS portion of this program identified in PE 0303126F; and Management headquarters resources (PE 03039980).

0303113N Navy Communications (NAVCOM);;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Major Communication Facilities (worldwide), including NAVCOMMSTAS; NAVCOMMUS; and NAVRADSTA. National Naval Reserve Master Control Radio Station, Arlington, Virginia. Leased costs related to AUTOVON, AUTODIN, and AUTOSEVOCOM programs and other leased costs related to worldwide communications requirements. Special Communications. *Communications equipment for other shore (field) activities supported by the CNO. *Communications equipment for major Marine Corps Command ashore. *Support (excluding equipment) identified to other elements.

Excludes elements of Headquarters, Naval Communications Command, related to cryptographic functions (see appropriate elements in this program); Satellite Communications resources (see Satellite Communications element in this program); Naval Telecommunications Command Management headquarters resources included in PE 03039980); NAVELEXSYSCOM Management headquarters resources included in PE 07028980; and OPNAV Support included in PE 09023980.

03031140 (A,F) Alaska Communications System (Non-IF) (H);;

0303115A Information Mission Area Chargeback (IF) (H);X-96-1;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the operation and maintenance of a Chargeback Industrial Fund for Information Mission Area disciplines, including but not limited to, telephone, automation and DOIM staffs.

0303116A Revenues--Info Msn Area Chargeback (IF) (H);X-94-3;;
Includes the revenue from industrially-funded operations of the Information Mission Area Chargeback Industrial Fund. The sum of the entries in the Information Mission Area Chargeback element should equal the total amount in this element.

0303117K Defense Communications Services (IF);;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Operations and maintenance and associated costs specifically identified and measurable to the Defense Communications Service Industrial Fund.

0303118K Revenues (Defense Communications Services) (IF) (H);X-94-3;;
Includes the revenue from industrially-funded operations of the Defense Communications Service Industrial Fund. The sum of the entries in the Defense Communications Service element should equal the total amount in this element.

0303119F Alaska Communications System (IF) (H);;

0303120F Revenues (Alaska Communications System) (IF) (H);;

03031250 (DA,DF,DN,DK,DS,DBD) Information Services;X-95-3;;
Includes manpower authorizations and the associated direct and indirect costs specifically identified and measurable to Defense Information Systems Agency lease of commercial communications; DITSO ADP system design costs; DLA, Army, Navy, Air Force and DFAS Central Design Activities within the Defense Business Operations Fund.

03031260 (A,F,K,N) Long-Haul Communications (DCS);;

03031260 (DA,DF,DN,DK,DS,DBD) Information Services (H);X-95-1;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

All long-haul, point-to-point, leased and Government-owned communications facilities, material, and associated manpower and costs identifiable and measurable to the Defense Communications System (DCS). In accordance with the project structure prescribed in DoDI 7045.12, it includes, but is not limited to:

DCS R&D and Investment: Switched Subsystem Projects (Nontactical): AUTOVON, AUTODIN, AUTOSEVOCOM, SECURE VOICE ABNCP, Other Switched Subsystem Projects, Future Data Network, Transitional/Integrated DCS, Secure Voice Phase II.

Transmission Subsystem Projects (Nontactical): Satellite (DCA only), High Frequency, Microwave (LOS), Land Cable, Submarine Cable, Tropospheric Scatter, Other Transmission Subsystem Project, Digital Transmission.

Support Subsystem Projects (Nontactical): Technical Control, Technical Evaluations, Power, European C3 System, Classified Activities, DCS Entry Stations for Contingency Operations, Survivability, Other Support Subsystem Projects, Systems Control, Commercial Equipment Evaluation.

Other Projects: Presidential Communications.

DCS Operations: All DCS Operations not included in other program elements, as follows: Area Operations, Station Operations, Leases, Engineering and Installation (excludes Air Force).

For DISA, this program element includes: DISA Operations Center (DISAOC), Defense Communications/Engineering Center (DCEC), White House Communications Agency (WHCA), DISA Areas and Regions, DCS RDT&E.

Excludes AUTODIN II, DISA Headquarters, test ranges, weather service, Program 6 communications and resources in telecommunications categories of satellite base communications, tactical, intelligence, COMSEC, command and control, and special purpose communications; and Management headquarters resources included in PEs 03039980 and 07028980.

03031270 (A,F,K,M,N) Support of the National Communications System;X-1-010;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

All resources (R&D, investment, operations and maintenance, and other appropriations if required) directly in support of the National Communications System Objectives and Principles as specified by the Executive Branch and other national authorities.

03031280 (A,F,G,K,N,S) Inter-Service/Agency Automated Message Processing Exchange (H);X-91-2;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

All resources (RDT&E, investment and operations) directly associated with the jointly supported standardized automated telecommunications capability for critical narrative and record data message communications services required by widely dispersed DoD elements; and a highly advanced multi-level security capability for consolidating intelligence and general message systems. The I-S/A AMPE system replaces the Automated Digital Network (AUTODIN), the primary record communications system in DoD, down to the base, post, camp and station level including the required end-to-end encryption.

03031290 (A,B,D,F,G,K,L,N,S) Defense Message System;X-8-06;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

All Defense Message System resources (RDT&E, investment, and operations) directly associated with joint hardware, software, procedures, personnel, and facilities required for electronic delivery of messages between organizations and individuals in the DoD. The DMS must provide interoperability with standard interfaces for tactical and allied systems but does not include those systems. The major baseline components of the DMS are the AUTODIN system (including base telecommunications centers) and electronic mail on the DoD Internet.

03031310 (A,F,K,N) Minimum Essential Emergency Communications Network (MEECN);;
Includes funds necessary for research, development, test, and evaluation of a highly survivable, minimum essential, emergency communications network capable of transmission of SIOP messages from the NCA to the CINCS and to deploy U.S. nuclear forces. This network will employ existing survivable DoD communications links and facilities as well as future systems capable of supporting the MEECN goals. MEECN engineering support (Army, Navy, or Air Force) will include all costs associated with assuring engineering compatibility between Army, Navy, or Air Force-assigned MEECN elements and with other MEECN assets, for MEECN-oriented enhancements to existing subsystems necessary as a result of MSE technical guidance, for research, development, and acquisition of new MEECN facilities as specifically assigned, and for test, evaluation, and simulation activities.

Excludes Program Elements 0101312F PACCS; 0102516A, SAFEGUARD Communications; 0101317F, PACCS Communications; 0302015F, NEACP; 0101321F, Special Purpose Communications; 0302052F, NEACP Communications; 0303109N, Satellite Communications; 0303110F, Defense Satellite Communications; 0303142A, SATCOM Ground Environment; and other such MEECN potential assets with identifiable program element codes.

0303132G Global Grid Communications;X-92-3;;
This PE provides the NSA portion of the Global Grid Communications program. The goal of this program is to develop and demonstrate a scalable, interoperative information infrastructure that builds on commercial standards/open systems.-10

0303133F High Frequency Radio Systems;X-94-6;;
Includes funding for all Air Force High Frequency radio systems to include personnel, operations,maintenance, and procurement, to include long haul communications circuits. Also funds acquisition of replacement equipment under the direction of the Scope Command program. Scope Command will upgrade and replace HF radio systems at 14 locations worldwide.

03031400 (A,D,F,G,K,L,N) Information Systems Security Program;X-95-1;;
Includes resources, manpower authorizations, necessary facilities and equipment required to perform INFOSEC research and development, to provide INFOSEC services, to procure INFOSEC products required to secure telecommunications and information systems when such products are separately procurable from host systems, and to provide INFOSEC maintenance and support. Also includes costs associated with the protection afforded to telecommunications and information systems which process sensitive data and efforts to ensure authenticity, integrity, and availability of the information and the system.

0303142A SATCOM Ground Environment;X-80-002;
Includes civilian and military manpower authorizations and related costs as applicable. Includes peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: Resources for research, development, engineering, construction, procurement, testing, installation, product improvement, and operation and maintenance of the ground segment (earth terminals) and associated communications subsystems as part of the DCS. Includes tools; repair parts; test, measuring, diagnostic and

calibration equipment; repair facilities; satellite communications control equipment; new equipment training; system evaluation; life cycle logistic support; interconnect and technical control facilities; site survey, preparation activation, and environmental control; construction; and electromagnetic compatibility. Resources for research, development, engineering, testing, and procurement of ground terminals for Army mobile forces communications satellite capability, a corollary to the DSCS under overall control of the JCS, to be operated by signal units from the Division Brigade back to and including the Theather Army headquarters. Manpower and direct support of the Army SATCOM Project Manager at Fort Monmouth.

Excludes leased circuits for the DSCS chargeable to PE 03031260; Program 7 Central Supply and Maintenance functions of the Army SATCOM Project Manager at Fort Monmouth; and operation of tactical satellite terminals chargeable to PE 0202615A.

0303144F Electromagnetic Compatibility Analysis Center (ECAC);;
Includes manpower authorization, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

All resources (RDT&E, Military Construction, O&M, Military Personnel and Manpower) identified to the Electromagnetic Compatibility Analysis Center (ECAC) which is a DoD facility established under DoD Directive 5160.57 to provide advice and assistance on electromagnetic compatibility matters to the Secretary of Defense, The Joint Staff, the Military Departments, and other DoD Components. The Center, located at the Naval Ship Research and Development Center, Annapolis, MD., consists of a small military and civil service management cadre and a technical operations contractor currently providing approximately 380 man-years of effort. Administrative management and fiscal support are provided by the Air Force and detailed policy and technical guidance by the ASD(C3I) and the The Joint Staff. Work includes establishment and maintenance of data bases which include an environmental data file, an equipment characteristics file, and a terrain data file; development of mathematical models and computer programs; provision for convenient and rapid access to the data bases and analysis techniques for investigation of electromagnetic compatibility problems; analysis of characteristics of electromagnetic equipment in use, under development or proposed, to determine its electromagnetic compatibility with other equipment in present or projected environments; and operation of a Frequency Resource Record System in support of frequency management; analysis projects and other efforts in support of joint entities such as the Joint Frequency Management Panel, the CINCs, and the Unified and Specified Commands.

Excludes funds reaching the Center by reimbursement from customer sources, and Army, Navy, and Marine Corps military personnel in ECAC.

0303145A EUCOM C3 Systems;X-80-002;
Includes civilian and military manpower authorizations and related costs as applicable. Includes RDTE and procurement resources designed for improvement of nuclear-related command, control and communications in Europe.

0303147F Miscellaneous Aircraft Communications (H);;
Includes procurement funds (APAF BP-1100) required to finance the change-out of all tube-type UHF command radios with solid-state radios on operational aircraft, e.g., ARC-164.

Excludes manpower and O&M funds required for installation and maintenance of radios, and costs of radios installed in aircraft during production.

03031490 (A,F,M,N,J,K) C4I for the Warrior ;X-95-2;
C4I for the Warrior (C4IFTW) is the Chairman of the Joint Chiefs of Staff (CJCS) initiative promoting joint and coalition C4I interpretability per DOD Directive 4630.5, DOD Instruction 4630.8. CJCSI 6212.12 directs the Joint Staff J-6 to continuously identify, prioritize, and quickly solve Joint C4I interoperability problems. C4IFTW's three overlapping phases lead to global interoperability for US military forces deployed anywhere, on any mission, at any time, with maximum flexibility in force composition. This Program Element provides focus and visibility into resolving C4I interpretability issues. It includes, but is not limited to, RDT&E, Procurement, and O&M related costs directly associated with C4IFTW efforts. The C4IFTW PE includes annual Joint Warrior Interoperability Demonstrations (JWIDS), and the Standardized Tactical Entry Point (STEP) initiatives. This PE is for use by the Joint Staff, all Services, DoD Agencies, and USSOCOM.

03031500 (A,F,H,J,K,M,N) WWMCCS/Global Command and Control System;X-94-2;;
Includes RDT&E, Procurement, O&M, and Military Personnel related costs directly associated with the evolution, growth, maturation, support, operation, and maintenance of the Global Command and Control System (GCCS), and related systems and facilities. Includes those resources devoted to system engineering and component and subsystem development, integration and testing, test and evaluation, production and production support, installation and training, operation and maintenance, as well as program management of GCCS, and related systems as approved by the Joint Staff.

Also includes all World Wide Military Command and Control System (WWMCCS) resources starting with FY 1995 programs.

03031510 (A,F,H,N) World-Wide Military Command and Control Systems (WWMCCS) ADP;X-3-01;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: All resources (R&D, investment, and operations) directly associated with ADP support of the World-Wide Military Command and Control System (WWMCCS), as defined in DoD Directive 5100.30. Includes those resources devoted to planning, designing, developing, procuring, leasing, programing, and operating ADP facilities that are a part of or are in direct support of WWMCCS. Includes, but is not limited to, WWMCCS new standard (Honeywell) ADP systems. Where an ADP center is providing both WWMCCS and non-WWMCCS support, and resources are not readily distinguishable between them, the WWMCCS portion will be determined on the basis of relative workload:

WWMCCS ADP - Army: Includes WWMCCS ADP resources in SOUTHCOM, Army War College, HqMTMC, U. S. EUCOM, and WESTCOM.

WWMCCS ADP - Navy: Includes WWMCCS ADP resources in CNO; Atlantic Command/LANTFLT: Pacific Command; Pacific Fleet; Naval Forces Europe; and U. S. Forces, Korea

WWMCCS ADP - Air Force: Includes WWMCCS ADP at TAC, ATC, USAFE, U. S. Readiness Cmmand, Air University, and Air Force Operations Center

WWMCCS ADP - DNA: Includes WWMCCS ADP resources at Hqs, DNA, and at the Field Command

Excludes Intelligence Data Handling System resources (PE 03013280); WWMCCS Architecture (PE 06037350); WWMCCS DP - A SAC (PE 0101310F); WWMCS ADP - NORAD/ADCOM (PE 0102310F); WWMCCS ADP - MAC (PE 0401841F); WWMCCS ADP - USMC (PE

0901119M); WWMCCS ADP activities in PE 03032980, Management headquarters (WWMCCS ADP); and resources included in program elements which are part of the Consolidated Telecommunications Program (CTP)

03031520 (A,F,H,N,K) World-Wide Military Command and Control Systems, Information System;X-1-002;
Includes manpower authorization, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

All resources (R&D, investment, and operations) directly associated with new ADP support for the Worldwide Military Command and Control System (WWMCCS) as defined in DoD Directive 5100.30. This new ADP support is defined under "Modernization of the WWMCCS Information System (WIS)," January 1981 as forwarded to Congress. Includes those resources devoted to planning, designing, developing, procuring, leasing, programming, and operating and maintaining ADP facilities and supporting systems that are a part of, or are in direct support of WWMCCS. Includes Next Generation WWMCCS ADP systems. Where an ADP center is providing both WWMCCS and non-WWMCCS support, and resources are not readily distinguishable between them, the WWMCCS portion will be determined on the basis of relative workload.

WWMCCS ADP- ARMY: Includes Next Generation WWMCCS ADP resources in SOUTHCOM, Army War College, Hq MTMC, USEUCOM and WESTCOM. WWMCCS ADP - NAVY Includes Next Generation WWMCCS ADP resources in CNO; Atlantic Command/LANTFLT; Pacific Command; Pacific Fleet; Naval Forces Europe; U.S. Forces, Korea; the U.S. Military Sealift Command; and the Naval Electronic Systems Command, and U.S. Forces, Japan.

WWMCCS ADP - AIR FORCE: Includes Next Generation WWMCCS ADP at TAC, ATC, USAFE, U.S. Readiness Command, Air University, Air Force Operations Center, MAC, PACAF and the WIS portion at SAC and NORAD/ADCOM.

WWMMCS ADP -DNA: Includes Next Generation WWMCCS ADP resources at Hqs., DNA, and at the Field Command.

WWMMCS ADP - DISA: Includes Next Generation WWMCCS ADP resources at Hqs., DISA, the hardware, software and operations support for the NMCC and ANMCC and for development support at Reston, VA facilities.

Excludes the current WWMCCS ADP activities (see PE 03031510). Excludes intelligence data handling system resources, WWMCCS Architecture (see PE 06037350), WWMCCS ADP - SAC (see PE 0101310F), WWMCCS ADP - NORAD/ ADCOM (see PE 0102310F), WWMCCS ADP - AABNCP (see PE 0302010F), WWMCCS ADP/WIS - USMC (see PE 0901119M), CCPDS 0102436F, resources included in program elements which are part of the Telecommunications and Command Control Program (T&CCP), WWMCCS ADP/WIS activities in PE 03032980, Management headquarters, (WWMCCS ADP) and PE 03033980, Management headquarters (WIS).

0303153K Joint Spectrum Center;X-95-1;
Includes military and civilian manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically measurable to the following:

All resources (including RDT&E, Procurement, Military Construction, Operations and Maintenance, Active and Reserve Component Military Personnel and Military and Civilian Manpower) identified to the Joint Spectrum Center (JCS). Under the policy, functional, and technical direction of ASD (C3I) and the Joint Staff, JSC serves as the single DoD manager for electromagnetic spectrum issues and initiatives, representing the DoD in CINC, national and international forum. The JSC is the architect of automated spectrum management systems. The Center designs, develops, and maintains DoD automated spectrum management systems, evaluation tools, and data bases employed by Services, Agencies, and Unified Commands. These data bases are the sole source of information on how the DoD

employs the electromagnetic spectrum. Serves as the DoD responsible agent and functional manager for spectrum management and use automation for strategic, theater, tactical spectrum management and use. The JSC provides DoD-wide direction to ensure the acquisition or development of electromagnetically compatible and interoperable systems and to the effective employment of these systems in military operations. This Center is the focal point for spectrum related support to operational units including deployable support to CINC Joint Task Forces and the electromagnetic interference resolution assistance. The JSC mission is integral with other vital activities such as Command & Control (C2) Protect and other defensive C2 warfare activities directed by the Joint Staff.

0303154F WWMCCS ADP Modernization (H);X-92-3
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

All resources (R&D, investment, and operations) directly associated with the Worldwide Military Command and Control System (WWMCCS) Automatic Data Processing (ADP) Modernization program. Includes all activities devoted to planning, designing, developing, procuring, leasing, and programming, that are necessary to introduce new standard products into the existing WWMCCS ADP systems.

03031540 (J,K) WWMCCS ADP Modernization;X-9-02;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

All resources (R&D, investment, and operations) directly associated with the Worldwide Military Command and Control System (WWMCCS) Automatic Data Processing (ADP) Modernization program. Includes all activities devoted to planning, designing, developing, procuring, leasing, and programming, that are necessary to introduce new standard products into the existing WWMCCS ADP systems.

03031560 (A,M,N) Environmental Compliance;X-94-6;;
Environmental Compliance includes actions to achieve and maintain full and sustained compliance with federal, state, and local environmental laws and regulations, Executive Orders, host nation regulations and DoD policies. Applies to workyears, training, travel, supplies, permits, fees, support equipment, service, and facilities (if the primary purpose is to comply with environmental standards) and the associated costs specifically identified and measurable to environmental compliance.

Funds all costs related to environmental compliance, including:

A. Recurring costs of environmental program management, daily operations and services, permits, fees, certifications, studies, and licenses; civilian workyears; education and training of environmental programs; hazardous waste management and disposal; sampling, analysis, monitoring and surveys; supplies, equipment, and travel.
B. Nonrecurring costs of projects/services required to bring DoD into compliance with environmental standards or comply with a notice of violation (Class I); to prevent DoD from failing to meet impending environmental standards (Class II); or to enhance the environment beyond legal requirements (Class III);
C. Pest management programs to meet FIFRA standards for pest management and pesticide storage, handling or use

standards;
D. Overseas cleanup, as well as overseas compliance, efforts; and
E. Certification of innovative technology for DoD applications.

Excluding:

A. Efforts funded under Defense Environmental Restoration Account, Conservation, Pollution Prevention, BRAC or Occupational Health and Safety auspices;
B. Research and Development efforts associated with compliance, which are covered under specific R&D program elements;
C. Normal maintenance and repair to keep systems in working order, system replacement as part of normal replacement cycle; and normal installation operations (i.e. solid waste disposal including tipping fees, landfill operations, etc.); normal wastewater treatment plants, both domestic and industrial, which are appropriately included in base operations;
D. Upgrade/alteration of an industrial process undertaken for other than environmental purposes;
E. Environmental certification/licenses funded separately from mandatory requirements and training;
F. Routine pest control applications required to preserve structural integrity, properly charged to RPM and health applications, such as, mosquito control.

03031760 (A,N) Minor Construction (RPM) - Communications;X-91-3;;
Includes manpower authorizations, peculiar and support equipment, necessary faclities and the associated cost specifically identified and measurable to the following:

All construction costing less than the statutory maximum amount for a Minor Military Construction project as established by section 2805 of title 10 U.S.C. in support of telecommunications installations.

03031780 (A,N) Maintenance and Repair (RPM) - Communications;X-91-3;;
Includes manpower authorizations, peculiar and support equipment, necessary faclities and the associated cost specifically identified and measurable to the following:

Maintenance and repair of real property, i.e., utilities, buildings, other facilities, pavements, (roads, parking areas, runways, etc.), land, and grounds. Includes, but not limited to, such things as repair of electrical circuitry, heating and air conditioning, water piping, and routine maintenance work such as caulking, painting, etc. in support of telecommunications installations.

03031790 (F,N) Real Property Services (RPS) - Communications;X-94-7;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs of utility plant operations, purchased utilities, air conditioning and refrigeration, utility fuels, fire protection,

crash rescue, snow removal and ice alleviation, entomological services, window glass replacement, elevator maintenance/inspection, custodial services, refuse collection and disposal, sewer and waste systems, rental of real property, facility engineering and public works management, other installation engineering services and other annual service requirements performed in-house or by contract.

0303189F Communication Support to Counternarcotics;X-91-1;
Includes activities fund by transfer from DoD Counternarcotics Funds Account pertaining to communications dedicated to DoD counternarcotics efforts. Does not include OPTEMPO.

Civilian authorizations will be associated with this PE.

03031900 (A,N) Visual Information Activities-Communications;X-7-04;
Funds Visual Information programs, consisting of the following subsets: Visual information (VI) productions and services and VI support.

Includes manpower authorizations and costs, travel, contractual services, procurement of supplies and materials, expense equipment, necessary facilities and the associated costs specifically identified, separable into "in-house" and "contract" portions, and measurable to the following communications functions, as appropriate:

o VI Productions and Services. Produce or acquire VI productions (i.e., slide and slide-sound sets, film strips, multi-media, video disc, audio productions, combination media), and motion media with sound. Includes resources for scripting, preproduction, production, postproduction, libraries, duplication, distribution, production project management, and other related and associated services.

o VI Support. Provide VI operational (combat and technical) documentation, still and motion picture photography, video, audio, radio and television closed circuit and broadcasting (not Armed Forces Radio and Television Service (AFRTS)) services, graphic art, VI records centers, VI records holding facilities, presentation support, repair and maintenance, video teleconferencing terminals, related and associated services, and their supervision.

o Joint Visual Information Services (JVIS). Resources to operate and maintain JVIS production, depository, and distribution activities assigned by OASD(PA), as a joint mission for DoD.

Excludes VI management at command and component headquarters and OSD. Excludes technical documentation support not available from base VI services, integral to the mission of organizations supported, and identified in other program elements. VI equipment integral to technical documentation functions is also excluded. It does not include VI activities with discrete program elements such as: Armed Forces Radio and Television Service.

0303194A Real Property Maintenance - Communications (H);X-93-2;;
Includes manpower authorizations, peculiar and support equipment, specifically identified and measurable to the following:

Real property maintenance at fixed telecommunications installations. Maintenance and Repair of all real property, utilities systems, buildings, other facilities, pavements (roads, parking areas, etc.), land (grounds), Minor construction (with other than military construction funds).

Includes all resources in functional categories 9, 10, 11 and 12 as defined in DoD Instruction 7220.20. Also includes all resources (except manpower and military pay) used by groups/units assigned to specific BOS tasks on an ad hoc basis such as Army engineer units assigned to repair/construct facilities, roads, parking areas, etc., even if the work is classified as A military unit training project.

Excludes costs of maintaining family housing. See PE 08087460, Family Housing Maintenance. Excludes Environmental Compliance (separate PEs).

03031940 (A,N) Real Property Maintenance - Communications (H);X-93-2;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: Real property maintenance at installations which have a primary mission of supporting telecommunications activities (e.g., Ft Huachuca, Naval Communications Stations, Air Force Communications service and satellite control facilities).

Maintenance and repair of all real property: utilities systems, buildings, other facilities, pavements (roads, parking areas, etc.), land (grounds).

Minor construction (with other than military construction funds)

Operation of utilities for all real property.

Other engineering support: fire protection, custodial services, entomology services, refuse collection and disposal, snow removal and ice alleviation, rental of real property, (excluding payments to GSA), other installation engineering services.

Includes all resources in functional categories 9, 10, 11 and 12 as defined in DoD Instruction 7220.20. Also includes all resources (except manpower and military pay) used by groups/units assigned to specific BOS tasks on an ad hoc basis such as Army engineer/RED HORSE/Naval Construction Force units assigned to repair/construct facilities, roads, parking areas, etc., even if the work is classified as a military unit training project.

Includes funding for reimbursement of Public Works Centers or host installations for real property maintenance of long haul communications activities.

Excludes costs maintaining family housing. See PE 08087460, Family Housing Maintenance.

0303196A Base Operations - Communications;X-0-09;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following functional categories of effort at fixed telecommunications installations:

Administration Installation Headquarters Administration and Command (including squadron level responsible for Base Operations); Installation Comptroller services; Installation ADP services; Installation Information Activities; Installation Legal Activities; Installation Civilian Personnel Administration; Installation Military Personnel Administration; Installation Printing and Reproduction; Installation Safety; Installation Management Analysis/Management Engineering; Retail Supply Operations; Installation Supply Activities; Installation Procurement Operations; Installation Storage Activities. Maintenance of Installation Equipment (includes maintenance of administrative aircraft, vehicle and mission aircraft); Other Base Services; Installations

Transportation Activities installation Training (excludes troop training and tactical exercises); Installation physical Security and Police Activities; Laundry and Dry Cleaning (for troop support and other appropriated fund activities); Bachelor Housing Operations and Furnishings (management; housing assignment; care of quarters; provisions, care, preservation and maintenance of furnishings, etc.); Other Personnel Support; Food Service; Social Action Community Services; Chaplains; Bands (excluding The Army Band and Division Bands); Morale, Welfare and Recreation.

Operation of utilities for all real property. Other engineering support: fire protection custodial services; entomology services; refuse collection and disposal; snow removal and ice alleviation; rental of real property (excluding payment to GSA); other installation engineering services. Excludes the following functional categories which are part of the standard definition of Base Operations Support, but are reported under separate PEs:

Maintenance and Repair of Real Property; Minor Construction; Commissary Operations: Retail and Troop; Issue Station Hospitals; Medical and Dental Clinics and Dispensaries; Family Housing.

03031960 (A,F,N) Base Operations - Communications;X-95-1;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following functional categories of effort:

Administration: Installation Headquarters Administration and Command (including squadron level responsible for Base Operations), Installation Comptroller Services, Installation ADP Services, Installation Information Activities, Installation Legal Activities, Civilian Personnel Administration, Installation Military Personnel, Administration Installation Printing and Reproduction, Installation Safety, Installation Management Analysis/Management Engineering.

Retail Supply Operations: Installation Supply Activities, Installation Procurement Operation, Installation Storage Activ ities.

Maintenance of Installation Equipment: (Includes maintenance of administrative aircraft, vehicles and equipment; but excludes maintenance of tactical equipment, combat vehicle and mission aircraft).

Other Base Services: Installation Transportation Activities, Installation Training (excludes Troop training and tactical exercise). Installation Physical and Police Activities, Laundry and Dry Cleaning (for troop support and other appropriated fund activities). Installation AirField/Air Base Operations (control tower, weather, flight service, etc.) Installation Restoration.

Bachelor Housing Operations and Furnishing: (management; housing assignment, care of quarters, provisions, care preservation and maintenance of furnishings, etc.)

Other Personnel Support: Food Service; Social Action; Community Service; Chaplain Services; Bands; Morale, Welfare and Recreation.

Excluded are the following functional categories which are a part of the standard definition of Base Operating Support, but are reported under separate PEs: Real Property Services, Minor Construction, Maintenance and Repair, Base Communications, Commissary Operations (Retail and Troop Issue), Station Hospitals, Medical and Dental Clinics and Dispensaries, Family Housing.

0303197A Tactical Support - Maintenance of Tactical Equipment (Communications);X-7-02;

Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following at fixed Program 3 installations:

Direct Support/General Support (DS/GS) Maintenance of the following types of tactical equipment: Combat Vehicles, Missiles, Tactical Aircraft, Tactical Vehicles, Construction Equipment, Information Processing Equipment, Watercraft and Associated Equipment, Weapons Armament, General Equipment, Food Service Equipment, Chaplain and Army Band Equipment, Laundry, bath, graves registration, and clothing renovation equipment.
Includes equipment that is (a) directly related to mission performance, (b) is recorded on organization property records, and (c) would normally be deployed with using units.

Excludes DS/GS maintenance of TDA (administrative) equipment which is reported under base operations program elements.

03031980 (F,N) Management Headquarters (Communications Support) (H);X-7-04;
Includes manpower authorization, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Telecommunications staff activities organic to the following management headquarters or their direct headquarters support organization: NAVY: SUBLANT Hqs., SURFLANT Hqs., NAVAIRLANT Hqs., Naval District Hqs., Washington, DC, BUMED Hqs.

AIR FORCE: Includes resources for modernization of mission support information systems at Air Force Major Commands. This program is managed and centrally funded by Air Force Communications Command.

0303289A Communications Support to OSD Counternarcotics Activities;X-0-10;
Includes civilian manpower authorizations and applicable costs for all years of the Defense Budget and Program. This program element is for use by Army activities in execution of costs related to CINC counternarcotics programs funded by transfer appropriation from DOD Counternarcotics Funds Account. Activities funded in this program element will only be those approved by the Secretary of Defense and supported by transfer appropriation.

Excludes special operations activities in Major Program 11. Includes support for LEA under Section 1212 or 1004 of the Defense Appropriations Act. Excludes reimbursement or military assistance under Section 506a of the Military Assistance Act of 1961.

03032980 (A,N) Management Headquarters (WWMCCS ADP);;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Army: WWMCCS ADP resources in FORSCOM, USAREUR, USARPAC, USEUCOM, and HQ, MTMC; and Command and Control Support Agency.

Navy: WWMCCS ADP units: USNAVFOREUR HQ, LANTFLT HQ, PACFLT HQ.

03033980 (A,N) Management Headquarters (WWMCCS Information System);X-1-002;

Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Army: WWMCCS Information System (WIS) resources in support of Headquarters, FORSCOM, USAEURR, and Headquarters DA, Command and Control Support Agency and the WIS Management Office.

Navy: WIS resources in: USNAVFOREUR HQ, LANTFLT HQ, PACFLT HQ.

0303401K Communications Security (COMSEC) (H);;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: all personnel, equipment, and facilities directly concerned with or in support of the COMSEC efforts of all Defense Components. Specifically:

- Manpower directly related to COMSEC RDT&E; the generation and distribution of keying material; COMSEC surveillance; COMSEC doctrine; engineering and technical support; compromising emanations; and depot maintenance of COMSEC materials.

- All other resources, equipment, and facilities related to COMSEC RDT&E; procurement of cryptographic and crypto-ancillary equipment and their associated spares; modification, distribution and storage of that equipment; the generation and distribution of keying material; Tempest efforts and facilities; COMSEC surveillance; and the depot maintenance of COMSEC materials.

Excludes management headquarters resources included in PE's 03038980, 03039980, 0305398A and 0204698N.

03034010 (A,F,G,L,N) Communications Security (COMSEC);;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to all personnel, equipments, and facilities directly concerned with or in support of the Communications Security efforts of all Defense Components, specifically manpower directly related to COMSEC, RDT&E, the generation and distribution of keying material, COMSEC surveillance, COMSEC doctrine, engineering and technical support, compromising emanations, and depot maintenance of COMSEC materials; and all other resources, equipments, and facilities related to COMSEC, RDT&E, production and procurement of crytographic and crypto-ancillary equipment and their associated spares, modification, distribution and storage of that equipment, the generation and distribution of keying material, TEMPEST efforts and facilities, COMSEC surveillance, and the depot maintenance of COMSEC materials.

Excludes Management headquarters resources included in PEs 03038980, 03039980, 0305398A, and 0204698N.

0303601F Milstar Satellite Communications System;X-5-01;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: Research, development, procurement, and operations to support a strategic satellite communications for command and control of SIOP forces. This program acquires the space and terminal hardware to support approved programs and develops the technology required to provide future satellite communications systems. The projects are:

Project A - Satellite Terminals - Ultra High Frequency: UHF terminals will be developed and procured for use with

the Navy FLTSATCOM System and the polar satellite communications transponders. Terminals will be installed on Airborne Command Post (ABNCP) and SIOP strike aircraft. An airborne terminal for Advanced Airborne Command Post (ABNCP) and SIOP strike aircraft. An airborne terminal for Advanced Airborne Command Post (AABNCP) aircraft will be developed for use with the Defense Satellite Communications System (DSCS) Phase II satellites.

Project B - Space Communications Technology: This will develop and demonstrate advances space communications subsystems in the optical space communications and advanced microwave communications areas. The Lincoln Laboratory Experimental Satellites (LES) are supported by procurement of hardware and development of K-band terminal.

Project D - Polar Satellite Communications: On-going satellite programs with suitable polar orbits have been selected to act as host for UHF communications transponders that augment the coverage provided by the Navy FLTSATCOM program and will be compatible with the UHF terminals procured in Project A.

Project F - Survivable Satellite Communications System: All resources specifically dedicated to a Survivable Satellite Communications System.

0303603F MILSTAR Satellite Communications System;X-93-4;;
Includes manpower authorizations, unique and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Development and acquisition of the Milstar Satellite Communications System Space and mission Control Segments to provide assured communications connectivity for tactical and strategic users. Funds transferred to PE0303601F effective FY93.

0303603N Milstar Satellite Communications System;X-9-05;
Includes manpower authorizations and associated resources supporting the MILSTAR Joint Terminal Program Office (JTPO). The MILSTAR JTPO is a joint service effort under the Joint MILSTAR Program Office with the Air Force as executive agent. The MILSTAR JTPO is chartered to insure interoperability between the individual service MILSTAR Extremely High Frequency (EHF) terminal developments. See classified definition for PE 0303603F for further information.

0303605F Satellite Communications Terminals;X-80-005;
Includes the development and acquisition of selected satellite communications terminals. Terminals will be developed and acquired primarily to meet the communications needs of the Tactical Air Forces. Such needs include external-to-the-theater, long haul communications and internal theater communications. Internal theater communications include interconnection of Air Force component headquarters, tactical air bases, the tactical air control system, and some types of aircraft.

0303606F UHF Satellite Communications;X-92-5;;
This PE includes manpower authorizations, peculiar and support equipment, necessary facilities, and associated costs specifically identified and measurable to the following: to develop and procure equipment required to implement the JCS mandated UHF improvements, and the necessary manpower and O&M funds required to operate the UHF MilSatCom system.

0303898N Management Headquarters (Communications Security);X-5-03;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Communications Security (COMSEC) activities in Naval Security Group Headquarters, and U.S. Air Force Security Service Headquarters.

03038980 (F,G) Management Headquarters (Communications Security) (H);X-5-03;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Communications Security (COMSEC) activities in Naval Security Group Headquarters, and U.S. Air Force Security Service Headquarters.

03039980 (A,F,K,N) Management Headquarters (Communications);X-1-006;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

ARMY: Army Communications Command (ACC)HQ, 5th Signal Command - Europe HQ, 6th Signal Command - Pacific HQ, 7th Signal Command.

NAVY: Naval Telecommunications Command HQ.

AIR FORCE: Air Force Communications Command HQ.

DEFENSE INFORMATION SERVICE AGENCY: DISA HQ.

03041110 (D,F,N) Special Activities;;

03041110 (A,G) Special Activities (H);;
Includes costs specifically identified and measurable to special classified projects for which information on resources assigned will be provided only on a "need to know" basis to authorized personnel identified on a special access list.

OSD: Resources to be reported by OSD in this program element are restricted to military construction, defense agencies only.

Excludes nonmanagement headquarters resources and Management headquarters (TRACALS) (PE 0305198F).

03041120 (A,F,N) Special Collection;;

Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: Resources required in support of advanced projects conducted under the cognizance of the Chief of Naval Operations. Further information of the content of this element will be provided on a "need to know" basis by the Director of Naval Intelligence and/or ODUSD (SPACE).

0304113N Special Systems (H);X-78-001
Includes costs specifically identified and measurable to special classified projects for which information on resources will be provided only on a "need to know " basis to authorized personnel identified on a special access list.

Excludes manpower authorizations and their associated costs.

0304114N Special Activities Support;X-78-001;
Includes costs specifically identified and related to Navy support of special classified projects for which information on resources will be provided only on a "need to know" basis to authorized personnel identified on the proper special access list.

Excludes manpower costs.

03042110 (F,G) National Activities;;
Includes the associated costs identified and measurable to specific special classified projects of national interest. Resources assigned to these projects will be provided only on a "need to know" basis to authorized personnel identified by a special access list.

03042120 (F,N) Federal Activities;X-2-003;
Includes the associated costs specifically identified and measurable to federal activities. Resources assigned to such activities will be provided only on a "need to know" basis to authorized personnel identified on a special access list.

03042130 (F,N) International Activities;X-9-02;
Includes the associated costs specifically identified and measurable to international activities. Resources assigned to such activities will be provided only on a "need to know" basis to authorized personnel identified on a special access list.

0304311G Selected Activities (H);X-80-004;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Selected Activities. Resources assigned to such activities will be provided only on a "need to know" basis to

authorized personnel identified on a special access list.

03043110 (D,F) Selected Activities;X-91-1;
Includes the associated costs specifically identified and measurable to selected activities. Resources assigned to such activities will be provided only on a "need to know" basis to authorized personnel identified on a special access list.

0305098L Defense Support Activity - IPSG;X-93-1;;
Includes Intelligence Programs Support Group manpower and associated costs attributable to and reported in the General Defense Intelligence Program.

Excludes IPSG Foreign Counterintelligence Program resources reported in PE 0305298L and TIARA resources reported in PE 0305898L.

0305101D Special Technology Support;X-94-3;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and costs associated with the development of training and professional development in an operational and readiness environment. Excludes functional categories which are part of the standard definition of C3I Intelligence Programs reported under a separate PE.

0305106LC Consolidated Imagery Activities;X-93-2;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and associated costs specifically identified and measurable to ensure that U.S. Government intelligence, mapping, charting and geodesy, and other needs for imagery are met effectively and efficiently as defined in DoD Directive 5105.56.

Includes RDT&E, manpower, procurement, and operations and maintenance resources in the Consolidated Imagery Program, a component of the National Foreign Intelligence Program.

Excludes Central Imagery Office Management Headquarters, 0305598, and Tactical Imagery Activities, 0305107, resources.

0305107LC Tactical Imagery Activities;X-93-2;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and associated costs specifically identified and measurable to ensure that U.S. Government intelligence, mapping, charting and geodesy, and other needs for imagery are met effectively and efficiently as defined in DoD Directive 5105.56.

Includes RDT&E, manpower, procurement, and operations and maintenance resources in the Tactical Imagery Program, a component of the DoD Tactical Intelligence and Related Activities.

Excludes Central Imagery Office Management Headquarters, 0305598, and Consolidated Imagery Activities, 0305106, resources.

0305108K Command and Control Research;X-3-03;
Includes Command and Control research program and center at and in association with the Naval Postgraduate School. C2 Center will perform and sponsor command and communications basic and applied research, including aspects of control theory, modeling and simulation. The center will serve to focus emerging technology, methodologies and theories on the development of a military command and control science and discipline.

0305109F DoD Civil Search and Rescue (SAR);X-78-008;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Satellite down-link receiver at the Air Force Rescue Coordination Center (AFRCC), Scot AFB, IL, including test equipment; leased dedicated communications between the AFRCC and other national and international rescue centers; and equipment requirements to enhance Federal SAR coordination.

Excludes Air Force Rescue Coordination Center and Personnel, flying hours used in humanitarian activities, and other costs identified in PE 0305113F.

0305110F Satellite Control Network;X-93-1;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to acquisition, sustaining engineering, and integration activities pertaining to the Air Force Satellite Control Network (AFSCN) common-user element (CUE) and its external interfaces; including common-user satellite tracking, telemetry, and commanding facilities located at Falcon AFB, Onizuka AFB, and nine world-wide remote tracking stations for DoD operational and RDT&E missions.

03051110 (F,N) Weather Service;X-79-007;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Headquarters, Air Weather Service, Weather Wings, Weather Squadrons, Weather Reconnaissance Wing, Weather Reconnaissance Squadrons, Weather Detachments, Weather Observing and Forecasting System Program Office (433L), Fleet Numerical Oceanography Center, Regional Oceanography Centers, Oceanography Command Centers, Facilities and Detachments, Commander, Naval Oceanography Command, Air Force Global Weather Central (AFGWC), USAF Environmental Technical Application Center (USAFETAC).

Excludes communications support (see Weather Service-Communications element in this program); base and mission support (see Base Operations element in this program); training (see Training element in this program); Navy Weather Research Facility in program element 0605851N; all Defense Communications System (DCS) and non-DCS Communications resources; and management headquartes resources in 03058980.

0305112N Oceanography;;

Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Naval Oceanographic Office, Environmental Prediction Research Aircraft, Oceanographic Survey Ships, Naval Observatory.

Excludes support identified to other elements (see Mapping, Charting and Geodesy and Base Operations elements in this program); and management headquarters resources included in PE 03058980.

0305114A Traffic Control, Approach and Landing System-FY 1987 and Prior (H);X-91-2;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Control Towers, RAPCONS, Ground Control Approach Systems, Instrument Landing Systems, Homing Beacons, TACAN, Air/Ground Communications, Ancillary Equipment, Direction Finders, Flight Evaluation, Microwave Landing Systems, Certification of Facilities,Navigational Publications (Army only), Traffic Control Centers (Air Force only).

Excludes traffic control, navigational facilities, and certification functions provided by FAA; Army TOE or TDA air traffic control detachments in Program 2; Army ATC activities dedicated to the aviation training missions at U.S. Army aviation schools in Program 8; any telecommunications activities/functions covered under Base Operations; and Management headquarters resources (PE 0305998F).

0305114F Air Traffic Control, Approach, and Landing System (ATCALS);X-92-4;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: Control Towers, RAPCONS, Ground Control Approach Systems, Instrument Landing Systems, Homing Beacons, TACAN, Air/Ground Communications, Ancillary Equipment, Direction Finders, Flight Evaluation. Microwave Landing Systems, Certification of Facilities. Navigational Publications (Army only), Conduct of the Ground and Flight Activities of the Flight Standards Agency including NOTAM System Participation, Liaison Activities with FAA, the USAF Instrument Flight Center and the Air Traffic Services Center.

Excludes traffic control, navigational facilities, and certification functions provided by FAA; Army TOE or TDA air traffic control detachments in Program 2; Army ATC activities dedicated to the aviation training missions at U.S. Army aviation schools in Program 8; any telecommunications activities/functions covered under Base Operations; and Management headquarters resources (PE 0305998F).

0305115H Nuclear Weapons Operations;X-6-03;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Field Command, Defense Nuclear Agency, and the Joint Atomic Information Exchange Group Support, and the nonmanagement headquarters operational elements of the Defense Nuclear Agency.

0305116F Aerial Targets;;

Includes manpower authorizations, peculiar and support equipment,necessary facilities and the associated costs specifically identified and measurable to aerial targets, Drone Squadrons, drones, and tow targets.

0305117F Weather/NOTAM Communications;X-3-04;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Weather communications facilities (worldwide); teletype and facsimile circuits (leased and otherwise); automated weather network; and leased costs for access to weather networks of other U.S. meteorological agencies and those of friendly foreign countries.

AIR FORCE: Consists of DCS and non-DCS communications resources for support of the Air Weather Service mission. The USAF Global Weather Communications System provides for collection of weather/ environmental (alphanumeric and pictorial) data, delivery of these data to weather centrals and forecast facilities, and distribution of weather central and forecast facilities generated graphics and other products to user activities. Collection and distribution of USAF NOTAM information are also accomplished via these weather communications systems. Conventional multipoint weather teletype facsimile networks, CW radio intercept facilities, and H/F RATT broadcast intercept networks comprise the Global Weather Communications System.

Excludes costs for base support items and services which are common to base communications as provided by the parent communications units or host commands; costs for operating personnel provided by the Air Weather Service included in PE 0305111F; and pilot-to-forecaster facilities covered in PE 0305114F.

0305118F TITAN III Vehicle (H);;

0305119F Medium Launch Vehicles;X-0-02;
Includes RDT&E funds used for efforts managed by the Space and Missile Systems organizations of AFSC. Some funding may be used for supplies and equipment peculiar to the Space Booster Program. Program includes RDT&E, missile procurement, and O&M funds for TITAN III space booster launch servies and system improvements. Funds are included for system improvement and, beginning in FY 1976, for launch services for ATLAS E/F launch vehicles.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in Program 6.

0305120A Army Combat Development Activities (H);;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: the U.S. Army Combat Development Command to include its subordinate commands and agencies. Activities (excluding those funded under RDT&E appropriation) covering development, testing, and early integration into the Army of new doctrine, new organization, and new material to obtain maximum combat effectiveness.

0305121F Manned Orbiting Laboratory (H);;

03051220 (D,N) LORAN Stations (H);;

0305123F AFCC Engineering and Installation;X-5-03;
Includes the operating, manpower, material and contract costs necessary for AFCS to perform the mission of engineering, installation, and on-site maintenance of government-owned communications electronics and meteorological facilities, equipment and systems worldwide of the Air Force, including Defense Communications Systems (DCS) support.

Excludes Management headquarters resources (PE 0303998F).

0305124F Special Applications Program;X-7-01;
This is a special access program. Access will be granted on a strict need-to-know basis only.

Includes military manpower and their related costs.

0305125N Advance Support Communications (H);X-80-004;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: Resources required by Navy in support of advanced projects conducted under the cognizance of the Chief of Naval Operations. Further information on the content of this element will be provided on a "need to know" basis by the Director, Command Support Programs.

0305126F R-2508 Air Traffic Control (ATC) Enhancement;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

All resources identified to the R-2508 Air Traffic Control Enhancement project. As Executive Manager, the Air Force is responsible for the improvement of air traffic control in the R-2508 restricted airspace used by the DoD for flight testing of advanced, high performance aircraft as well as for operational training. The R-2508 Complex is an area approximately 140 miles long and 110 miles wide over the upper Mojave desert of Southern California. Funding for this program is to be divided between the DoD and Federal Aviation Administration (FAA) according to a mutually agreeable formula. The Air Force will budget and fund for total DoD acquisition costs. Funds for off-the-shelf equipment (radar, displays, computers, etc.) will be budgeted in the Other Procurement appropriation. Each Military Department will budget and fund for its share of operation and maintenance costs according to a formula agreed upon among the Military Services and FAA. The enhancement program will include integration of three long- range radars, two approach-control radars, and six gap-filler radars in a central air traffic control facility at the FAA-operated Edwards AFB RAPCON. The existing communications capability will also be expanded. Current capabilities will be upgraded to allow the users to achieve integrated command, control, scheduling, and coordination of R-2508 activity.

03051270 (A,BA,F,L,M,N,V) Foreign Counterintelligence Activities;X-91-1;

Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: All resources in support of counterintelligence operations; counterintelligence investigations; and the collection, analysis, and production of counterintelligence.

Army: U.S. Army Intelligence and Security Command; 650th Military Intelligence Group (SHAPE); Headquarters, U.S. Army Europe (USAREUR).

Navy: Naval Investigative Service (NIS): Headquarters, and NIS Offices and Resident Agencies.

Air Force: Office of Special Investigations (OSI): Headquarters, OSI District Offices, and OSI Detachments, and Resident Agencies.

Defense Intelligence Agency: Includes manpower costs and associated counterintelligence activities.

Excludes: Army Units assigned at Corps level or below (See Program 2). Those costs reported in PE 03051280, Security and Investigative Activities. HUMINT, Imagery, IDHS and cryptologic activities of the U.S. Army Intelligence and Security Command. Those costs reported in PE 0305298A, Management headquarters (Security & Investigative Activities).

0305128H Security and Investigative Activities (H);X-4-04;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Defense Nuclear Agency - Historical: 901st Military Intelligence Detachment.

03051280 (A,F,L,N,V) Security and Investigative Activities;X-4-04;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Army: U.S. Army Intelligence and Security Command, 650th Military Intelligence Group (SHAPE), Intelligence Materiel Development Support Office (IMDSO), DARCOM Headquarters, U.S. Army Europe (USAREUR) (nonmanagement headquarters resources).

Navy: Naval Investigative Service (NIS): Headquarters, NIS Offices and Resident Agencies, NIS Resident Agencies, NIS Representatives, NIS Technique and Technical Equipment R&D.

Air Force: Office of Special Investigations (OSI), Headquarters, OSI District Offices, OSI Detachments and Resident Agencies.

Defense Investigative Service: Field Offices and Residencies, Personnel Investigations Center.

Defense Intelligence Agency: CIM

Excludes: Army Units assigned at Corps level or below, see Program 2. HUMINT, Imagery, IDHS and cryptologic activities of the U.S. Army Intelligence and Security Command. Those costs reported in PE 0305298A, Management Headquarters (Security & Investigative Activities). All resources in support of counterintelligence operations;

counterintelligence investigations; and the collection, analysis, and production of counterintelligence and other costs reported in PE 03051270, Foreign Counterintelligence Activities, and those costs reported in PE 03058980, Mgmnt HQTRS; PE 0305133V, Industrial Security Activities; and 0305129V, Defense Investigative Service - Communications.

0305129V Defense Investigative Service Communications;;
Includes communication terminal facilities and leased costs related to AUTOVON and AUTODIN, including access lines and subscriber costs for switched network backbone. Also includes costs for Western Union circuits.

Excludes manpower.

0305130F AFSCN Operations;X-93-1;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities, and the associated costs specifically identified and measurable to the operation and maintenance of the Air Force Satellite Control Network (AFSCN) common-user element (CUE) and its external interfaces; including common-user satellite tracking, telemetry, and commanding facilities located at Falcon AFB, Onizuka AFB, and nine world-wide remote tracking stations for DoD operational and RDT&E missions.

03051310 (B,N) Mapping, Charting, and Geodesy;X-93-1;;

03051310 (A,F) Mapping, Charting, and Geodesy (H);X-79-010;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: acquisition, collection, and reduction of Mapping, Charting, and Geodetic (MC&G) data and the production, storage, and distribution of MC&G products of the Defense Mapping Agency (DMA), and the related operation and maintenance of facilities, to include Defense Mapping Agency components, U.S.Navy MC&G ships operated by Military Sealift Command, Project MAGNET, and NAVOCEANO (hydrographic survey activites) and associated MC&G shore establishment facilities.

Excludes Military Department headquarters MC&G staffs (see Program 9); Unified Command Headquarters MC&G staffs (see Program 2); Defense Mapping Agency Communications (PE0305132B) DMA Mapping, Charting, and Geodesy (MC&G) Production System Improvements (PE0305139B); DMA Headquarters Support Activity (PE0305798B); Management Headquarters (Auxiliary Forces) (PE0305898B); and Oceanographic Activities (see Program 3).

0305132B Defense Mapping Agency Communications;X-93-1;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Communication center facilities and equipment, leased costs related to the Defense Information System Network (e.g. Automatic Digital Network, Digital Switched Network, and Defense Data Network), other communication circuits, and administrative telephone systems supporting the Defense Mapping Agency.

0305133V Industrial Security Activities;X-4-04;

Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

DEFENSE INVESTIGATIVE SERVICE Office of Industrial Security International, Defense Industrial Security Clearance Office, Defense Security Institute, Defense Industrial Security Intern Development Program, Field Offices and Residencies.

Excludes those costs reported in PE 0305128V, Security and Investigative Activities; PE 0305898V, Management Headquarters; and PE 0305129V, Defense Investigative Service - Communication.

0305134N Physical Security;X-3-06;
Includes manpower, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Sensitive Ordnance Security; Nuclear Security Ashore; Remote Sensors.

Excludes support identified to Nuclear Weapons Safety Ashore in Program 7.

0305135BA On-Site Inspection Agency Activities;X-8-02;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

All resorces required to support activities for monitoring the Intermediate-Range Nuclear Force (INF) Treaty, including the inspections of Soviet Union facilities permitted by the Treaty, establishment and operation of a Portal Monitoring System located in the Soviet Union and coordinating U.S. activities associated with inspections by representatives of the Soviet Union on U.S. territory or at U.S. facilities in basing countries.

0305136BA Nuclear Weapons Operations Communications;X-9-05;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Defense Communications Systems (DCS) resources as defined in DoD Directive 5105.19 and other non-DCS resources necessary for the support of OSIA operations and other supported activities/programs. Communications include point-to-point lines; leased/government-owned circuitry, material and facilities including, but not limited to, access lines for AUTOVON, AUTODIN, WASHFAX, satellite, KG-84s; dedicated circuitry in support of the DCS; non-DCS resources and services such as terminal devices (facsimiles, STU-IIIs, modems), PBX, PABX; telephone services and toll calls.

0305137F National Airspace System (NAS) Plan;X-0-02;
Includes manpower authorizations and related costs and resources identified to the following:

The DOD National Airspace System upgrade ensures the compatibility of the DOD air traffic control system with the Federal Aviation Administration's (FAA) National Airspace System. Vital flight information that must pass between

DOD and FAA facilities depends on DOD upgrade from analog to digital systems. The digital system is expected to double controller productivity while significantly reducing system maintenance costs through increased system reliability. This effort will facilitate DOD unique training missions and special use airspace management through the Military Airspace Management System. Designed to capture cost savings through common depot support and training. Constructs/modifies approximately 22 air traffic control facilities. Provides for equipment procurement and installation. Failure to remain compatible with the FAA will result in excessive flight delays, more difficult access to special use airspace, or possibly the loss of some special use airspace.

0305138F Upper Stage Space Vehicles;X-0-05;
This PE will be used to fund upper stage vehicles for DOD boosters. Initially the PE will contain money in N041 which funds the PAM-D-II and N541 which funds the Inertial Upper Stage used primarily on Titan IV. Eventually, the Centaur upper stage will move into the PE breaking the dollars out of PE35119F (Space Boosters). In addition, the Air Force is planning to develop a new upper stage for use with the Advanced Launch System (ALS). This PE will serve as the host for that program.

There will be no manpower associated with this PE.

0305139B DMA Mapping, Charting, and Geodesy (MC&G) Production System Improvements;X-93-1;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Improving the Defense Mapping Agency production system and related MC&G development activities that foster new DMA products; introduce, improve or adapt DMA operational processes to enhance interfaces or functionality; and use new technology in the development of concepts that would enhance processes and/or products.

0305140L DIA Special Programs;X-4-03;
This is a special access program. Includes manpower and their related costs. Details will be provided on a need-to-know basis to appropriately cleared personnel.

03051410 (A,D,F,M,N) Joint Remotely Piloted Vehicles Program;X-0-06;
Includes manpower authorizations and all funds to support peculiar and support equipment and the associated costs specifically identified to provide complementary capabilities to manned systems in the functional areas of electronic warfare, intelligence, reconnaissance, surveillance and command, control, and communications. This program provides management oversight of DoD nonlethal unmanned aerial vehicles to expedite fielding for conventional forces.

0305142F Applied Technology and Integration;X-93-1;;
This is a special access program. Access will be granted on a strict need-to-know basis only.

No manpower included.

0305143D National Airspace System Modernization Program;X-9-02;

This program includes RTD&E and procurement resources for the development and procurement of the DoD National Airspace System (NAS) Modernization Program. Funding will be used to upgrade and/or replace core fixed-based Air Traffic Control and Landing Systems (ATCALs) that directly support DoD's portion of NAS radar approach control/instrument flight rule control tower air traffic services and DoD's ability to operate within the NAS. Service or site-unique requirements and/or ATCALs installations are not funded under this PE but will be funded by the individual Services. This PE does not include precision approach and landing systems, which are also a Service responsibility. Efforts to be accomplished are studies, and design, development, testing, and procurement of hardware and software. Development of the Military Airspace Management System will be funded under this PE.

0305144F Titan Space Launch Vehicles;X-0-05;
There are currently five space boosters contained within PE35119F. Creation of a new PE will allow the breakout of the Titan II and IV boosters from the rest of the Medium Launch Vehicles, namely Delta II, Atlas II, Atlas E and Pegasus boosters. The Titan Space Launch Vehicle PE will contain all funds to procure and launch both Titan IV and Titan II. The remaining money in PE35119F will fund the medium launch vehicles and Small Launch Vehicles.

There will be no manpower associated with this PE.

03051450 (A,F,M,N) Arms Control Implementation;X-94-2;;
Includes all operating, military construction, development and acquisition costs directly associated with implementing arms control treaties and agreements, including the Intermediate Nuclear Forces Treaty, Conventional Forces Europe, and Chemical Warfare Treaties.

Excludes RDT&E funding programmed under 0603711 and 0602714. Also excludes OSIA programs.

0305149F COBRA JUDY;X-95-1;
COBRA JUDY is a radar collection system on the United States Naval Ship (USNS) Observation Island. An S-band phased array radar is affixed to the ship and used for target acquisition and an X-band dish radar is used for target imaging. COBRA JUDY data collections support non-proliferation, theater missile defense (TMD)/national missile defense (NMD), and arms control.

Operation and maintenance (O&M) funds are used to reimburse Military Sealift Command (MSC) for ship operation and maintenance, as well as pay for contractors to operate and maintain the radars and process and analyze collected data. O&M funds are also used for travel of military personnel in support of COBRA JUDY operations and purchases of system supplies and program office resources.

Other Procurement (OP) funds are used to purchase high value electronic test support equipment.

0305150A Air Reconnaissance Low;X-94-3;;
Includes resources to develop the capability to detect, locate and identify targets in counternarcotic environments. The detection, location and identification of these targets will be accomplished through the use of electro-optic, radar, communications intelligence and precision location/direction finding equipment. ARL will also be used for surveillance and reconnaissance of hostile force lines of communication, shipment/infiltration routes, logistics routes, small base camps and larger processing facilities.

0305151F Satellite Control Network Communications;X-9-02;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to DCS and non-DCS communications resources in support of the mission of the Satellite Control Facility and its subordinate organizations and operating locations. Includes resources for procurement, construction and operations.

Excludes DCS Switched Network Support (see PE 0303112F and 0303126F); and Defense Satellite Communications System Support (see PE 0303110F).

0305152H Nuclear Weapons Operations Communications;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Defense Communications System (DCS) resources as defined in DoD Directive 5105.19, and other non-DCS resources necessary for the support of Nuclear Weapons Operations, program element 0305115H, including point-to-point, leased/government-owned circuitry, material and facilities, including, but not limited to, access lines for AUTOVON, AUTODIN, AUTOSEVOCOM, WWMCCS, and dedicated circuitry in support of the Defense Communications System; non-DCS resources and services such as terminal devices, PBX, PABX, telephone services and toll calls.

Excludes Management headquarters resources

03051540 (A,D,F,I,G,N,M) Defense Airborne Reconnaissance Program;X-94-3;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Providing a central focus for a multi-service requirements approach to develop and field future airborne reconnaissance systems to include those that augment activities of the National Foreign Intelligence Program.

0305155F Theater Nuclear Weapon Storage & Security System;X-3-02;
This program element includes acquisition, installation, and O&M funds for the WS3 in the European Theater. The WS3 is an underground nuclear weapon storage container to be installed in theater strike aircraft shelters to allow co-storage of nuclear weapons and strike aircraft. The system will increase weapons access denial time, increase survivability through dispersal of nuclear weapons, improve operational readiness, decrease weapons vulnerability and reduce ground convoy requirements.

0305156F Support Program (H);X-5-03;
Includes costs specifically identified and measurable to special classified projects for which information on resources will be provided only on a "need to know" basis to authorized personnel identified on a special access list.

Excludes manpower authorizations and their associated costs.

0305157I Land Remote Sensing Satellite System;X-93-2;;
LANDSAT is a remote earth sensing satellite which collects multispectral imagery over broad areas. Includes funding for the DoD share of development, launch and operational costs of a LANDSAT 7 satellite and costs associated with the preparation of a coordinated technology plan in preparation for future remote sensing satellites.

0305158F CONSTANT SOURCE;X-0-02;
01215/es resources of the Satellite Data System (SDS) which is a multi-purpose communications satellite which has, in conjunction with FLTSATCOM and the DSCS, the high priority mission of supporting communications for strategic forces and, additionally, will support communications between Satellite Control Facility Ground Stations.

Excludes manpower.

0305159F Defense Reconnaissance Support Activities (H);X-95-2;

03051590 (A,B,D,G,I,L,N) Defense Reconnaissance Support Activities;X-94-1;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to all national technical activities, including those that augment activities of the National Foreign Intelligence Program (NFIP).

Excludes resources in the NFIP and in the Tactical Cryptologic Program.

03051600 (F,N) Defense Meteorological Satellite Program (DMSP);;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the DoD imagery and other specialized meteorological data from the entire earth to support special strategic and tactical missions; provides realtime direct readout of imagery to mobile terminals at key locations worldwide to support local tactical operations; and advances meteorological satellite technology to meet future DoD requirements. The JCS Statement of Requirements is used as a guide for system development. Two satellites are maintained in near-polar, sun-synchronous orbit continuously, one providing early morning and evening data, and the other providing noontime and midnight data.

Excludes communications support for the DMSP; and Defense Meteorological Satellite Program communications (PE 0305126F).

0305161F Aerial Survey (H);;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the 1st Aerial Cartographic and Geodetic Squadron.

0305162F Defense Meteorological Satellite Program Communications;;
Includes communications costs utilized in direct support of the Defense Meteorological Satellite Program (PE 0305160F).

Excludes manpower.

0305163G Public Affairs (NSA) (H);;

03051640 (A,F,N,M) NAVSTAR Global Positioning System (User Equipment);X-79-010;
NAVSTAR Global Positioning System (GPS) is a joint program composed of Space Control and User Equipment segments. NAVSTAR will use satellites broadcasting accurate position and time information. Ground monitoring and control will be used to determine satellite status and positions, time, and to command the satellites. Users will be able to determine their position and velocity to a high precision in three dimensions on a common grid system anywhere at any time under any weather condition. Funding for the concept validation phase was being accomplished under 0603403A, 0603401N, and 0603421F and certain residual efforts will continue to be funded under these elements. Full scale development of all system segments is being accomplished under 0604778A, N, F and 0604478F. The Army, Navy, Air Force, and Marine Corps should use this element (35164 with the appropriate Service designator suffix) to fund production of operational user equipment.

Excludes integration and operation of NAVSTAR user equipment funded in the appropriate unit/vehicle/aircraft/vessel program elements; civilian and military manpower included in appropriate management and support program elements; and the operational space and control segments funded under PE 0305165F.

0305165F NAVSTAR Global Positioning System (Space and Control Segments);;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

NAVSTAR Global Positioning System (GPS) is a joint program composed of Space, Control, and User Equipment segments. NAVSTAR will use satellites broadcasting accurate position and time information. Ground monitoring and control will be used to determine satellite status and positions, time, and to command the satellites. Users will be able to determine their positions and velocity to a high precision in three dimensions on a common grid system anywhere at any time under any weather condition. Funding for the concept validation phase, developments and prototyping of user equipment is being accomplished under 0603403A, 0603401N and 0603421F. The Air Force should use this element (0305165F) to fund production and launching of the operational satellites, and deployment, operation and support of the operational Master Control Station and monitor sets. Civilian and military manpower are included.

Excludes production of user equipment funded under PE 03051640; and integration and operation of NAVSTAR user equipment funded in the appropriate unit/vehicle/aircraft/vessel program elements.

03051660 (N,G) Special Development;X-78-016;

Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Costs specifically identifed and related to Navy Support of Classic Wizard, a classified project, for which information on resources will be provided only on a "need to know" basis to authorized personnel identified on a special access list.

0305167G Computer Security;X-5-03;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the Computer Security Technical Evaluation Center. The Center operates in support of Departments and Agencies of the DoD on Computer security technical evaluation needs and activities.

The Director, National Security Agency is the Program Manager.

Excludes: COMSEC PE 03034010, Cryptologic Activities PE 03010110, Cryptologic Communications PE 03010550, GDIP PEs

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03051670 (A,F,N) Computer Security (H);X-5-03;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the Computer Security Technical Evaluation Center. The Center operates in support of Departments and Agencies of the DoD on Computer security technical evaluation needs and activities.

The Director, National Security Agency is the Program Manager.

Excludes: COMSEC PE 03034010, Cryptologic Activities PE 03010110, Cryptologic Communications PE 03010550, GDIP PEs

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0305168A National Science Center for Communications and Electronics;X-5-05;
Includes civilian and military manpower as applicable. Includes all costs associated with planning, designing, developing, leasing, programming, operating and maintaining the National Science Center for Communications and Electronics.

0305169A U.S. Army Space Activities;X-9-04;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

U.S. Army Space Agency. Includes costs of deep space radar operations.

Excludes Ground Mobile Facilities for SATCOM support (PE 0303142A).

0305170F Space Support Program (H);X-6-01;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Provide THOR missile launch support to Air Force Systems Command for the Defense Meteorological Satellite Program (DMSP) from Vandenberg AFB, California, and to the Defense Nuclear Agency for High Altitude Program (HAP) portion of the National Nuclear Test Readiness Program (NNTRP) from Johnston Island. Resources include those associated with the launch emplacements, guidance, and tracking radars, and data processing equipment, including computer programing and maintenance.

0305171F Space Shuttle Operations;X-5-09;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Launch services and support utilizing the Space Shuttle for RDT&E and operational space programs. RDT&E space programs supported are the Space Test Program and the Milstar Program. Operational space programs supported are AFSATCOM, NAVSTAR Global Positioning System, Defense Satellite Communications System, Defense Support Program, Satellite Data System and classified programs. Resources include RDT&E, Procurement and O&M funds for reimbursement to NASA for Space Shuttle launches; operation of the Shuttle launch and landing facilities at Vandenberg AFB, CA; payload integration and launch support for DOD payloads at Kennedy Space Center, FL; implementation and support of secure communication and flight operation systems at NASA centers in support of DOD Space Shuttle missions; development, procurement and launch of IUS; procurement and launch of PAM-D, and Centaur upper stage vehicles.

0305172F Combined Advanced Applications;X-93-1;;
This is a special access program. Details will be provided on a need-to-know basis to appropriately cleared personnel.

Excludes military and civilian manpower and their related costs.

0305173F Consolidated Space Test Center/Space Test Range;X-8-06;
Includes manpower authorizations; engineering and operational contractor support; facilities, equipment and computer software maintenance, modification and upgrades and the associated costs specifically identified and measurable to the following:

Consolidated Space Test Center at Onizuka AFB, CA, and assigned satellite test, calibration, data processing and control facilities located at Camp Parks Communications Annex, Pleasonton, CA, Eastern Vehicle Checkout Facility, Cape Canaveral AFS, FL, Western Vehicle Checkout Facility, Vandenberg AFB, CA, Consolidated Space Operations Center, Falcon AFS, CO, and Air Force Satellite Control Network remote tracking stations. This also includes operation and maintenance of mobile and transportable control and checkout systems and other equipment assigned to the Consolidated Space Test Center.

0305174F Space Warfare Center;X-94-5;;
Includes manpower authorizations, engineering and operational contractor support, equipment, facilities, computer software, maintenance, modifications and upgrades, and the associated costs specifically identified and measurable to the following:

Operate and maintain the SWC and associated detachments and units. It also includes the acquisition, development, test, evaluation, R&D, deployment, and installation of space, missile and C4I application and capabilities. Support to military training, exercises, professional military schools and combat forces is also provided.

0305175F Space-Based Radar Operations;X-0-06;
This new PE will be used to fund operations for the Space-Based Radar program. Initially the PE will contain funds for a small amount of military manpower of AFSPACECOM to plan and budget for SBR operations. In FY96 and FY97 AFSPACECOM military manpower builds up for operating the SBR Mission Operations Center (MOC) and funds increase for OT&E and initial command, control and communications (C3) computer equipment. Beyond the current Defense Program these operations funds will level out to stable profile for ground C3 manpower and O&M for the on-orbit satellite constellation. There will be manpower associated with this PE.

03051760 (A,F,M,N) Combat Survivor Evader Locator;X-96-1;;
Provides funding for the development, acquisition, installation and logistical support of necessary equipment to provide near real time precision location of high value assets on a world-wide basis. Provides necessary training for both operational application and maintenance support of systems. Encompasses required interfaces between ground, airborne and space-based elements. System includes necessary integration with the National, DOD and commercial contributing elements. System directly supports the location and recovery of combat survivor/evader personnel, and provides the capability to monitor the status and location of mission critical elements.

03051800 (A,BB,D,F,L,LC,G,N) Undistributed NFIP Adjustments; 05/01/90;

0305181F Western Space Launch Facility (WSLF);X-93-4;;
Includes Western Space Launch Facility manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: Operation of launch, tracking, and data acquisition and processing facilities for national space programs. The WSLF provides pre-launch and launch operations support to DOD, NASA and other agency's space and missile programs. This effort includes military and civilian payrolls; contractor support; operations and maintenance of launch base facilities and down- range stations; sustaining engineering; improvement and modernization; and military construction.

Civilian and military authorizations will be associated with this PE.

0305182F Eastern Space Launch Facility (ESLF);X-93-4;;
Includes Eastern Space Launch Facility manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: Operation of launch, tracking, and data acquisition and processing facilities for national space programs. The ESLF provides pre-launch and launch operations support to DOD, NASA and other agency's space and missile programs. This effort includes military and civilian payrolls; contractor support; operations and maintenance of launch base facilities and down- range stations; sustaining engineering; improvement and modernization; and military construction.

Civilian and military authorizations will be associated with this PE.

0305185F CAVALRY (H);X-94-1;
This is a special access program. Access will be granted on a strict need-to-know basis only.

No manpower included.

0305190D C3I Intelligence Programs;;
Includes all resources and manpower in support of projects managed by the Intelligence System Support Office as directed by the Assistant Secretary of Defense (C3I).

0305191N Navy Tactical HUMINT;X-96-1;;
Provides manpower authorizations and funding for limited capability to collect U.S. Navy specific, non-sensitive, overt HUMINT information.

0305198F Management Headquarters (TRACALS);X-1-006;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Management headquarters devoted to air traffic control, approach, and landing system functions.

03052980 (A,L) Management Headquarters (FCI);X-5-01;
Includes manpower and associated costs in Headquarters, Army Intelligence and Security command (INSCOM) attributable to foreign counterintelligence.

Excludes nonmanagement headquarters resources reported in pe 0305127A.

0305398A Management Headquarters (S&IA and Other);X-5-01;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Manpower and other resources in Headquarters, Army Intelligence and Security Command (INSCOM) for security and investigative activities and for other activities not specifically attributable to one of the programs excluded below.

Excludes resources specifically identified and measurable to the GDIP (0301398A), CCP (0301198A) and FCI program (0305298A); nonmanagement headquarters resources reported in PE 0305128A.

0305498A MGT HQ (U.S. ARMY SPACE COMMAND);X-0-03;

Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to Headquarters, U.S. Army Space Command.

Excludes cost of operation chargeable to other programs/appropriations for which a separate "98" code, or other unique management headquarters code is provided.

0305598LC Management Headquarters - Central Imagery Office;X-93-2;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and associated costs specifically identified and measurable to providing a central focus for Department of Defense, Central Intelligence Agency, and other Federal Government departments and agencies on matters concerning imagery relating to national security.

This element is in the National Foreign Intelligence Program.

Excludes Consolidated Imagery Activities, 0305106, and Tactical Imagery Activities, 0305107, resources.

03056980 (A,F,L,M,N) Management Headquarters Element, US Space Command;X-95-
The United States Space Command is responsible for integrated attack warning and space operations to include control of space and directing space support activities, as well as operational planning for defendin against ballistic missiles. USSPACECOM serves the national security interests of the US and its allies worldwide by providing and organizational structure responsible for effective use of space by performing communications, weather tracking, navigation and warning fun Supports J1 (Manpower), J2 (Intelligence), J3 (Operations), J4 J6 (Systems Integration and Logistics), J5 (Plans), AN (Anal IG (Inspector General), JA (Judge Advocate), PA (Public Affairs), and other command staffs.

0305701A Base Communications - CONUS (H);X-9-01;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: procurement, construction, installation, site preparation, operation and maintenance of Army nontactical, non-DCS base (post, camp and station) communications facilities equipment systems which provide local communications to CONUS installations/activities and any non-CONUS installations subordinate to CONUS commands.

This includes manual and automatic telephone exchanges and associated cable distribution plants; base radio systems including maintenance and/or lease of fixed and mobile radios, lease and/or maintenance of outside plant television facilities (antenna/cable systems); and communications services purchased from commercial carriers, including locally leased circuits and equipment, local telephone charges and toll calls. Includes management support activities directly related to the above (installation C-E officers and their staffs).

Excludes manual and automated Teleacommunications Centers and associated cable distribution plants, Military Affiliate Radio Stations (MARS), commercial refiles, Wide Area Telecommunications Service (WATS) and Federal Telecommunications System (FTS), Army and DCS long-haul communications systems and circuits; satellite terminals and communications security equipment; audio-visual services; noncommunications systems such as fire alarms, civil defense warning systems, air traffic control systems, doctor, nurse and hospital call systems; and computers not directly related to performing a communications function. Also excludes direct support/general support maintenance which will be accomplished in appropriate base operations subactivity account "Maintenance of Materiel."

0305702A Base Communications - Europe (H);X-9-01;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: procurement, construction, installation, site preparation, operation and maintenance of Army nontactical, non-DCS base (post, camp and station) communications facilities equipment systems which provide local communications to European Theater of Operations installations/activities and off-post extensions.

This includes manual and automatic telephone exchanges and associated cable distribution plants; base radio systems including maintenance and/or lease of fixed and mobile radios, lease and/or maintenance of outside plant television facilities (antenna/cable systems); and communications services purchased from commercial carriers, including locally leased circuits and equipment, local telephone charges and toll calls. Includes management support activities directly related to the above (installation C-E officers and their staffs).

Excludes manual and automated Telecommunications Centers and associated cable distribution plants, Military Affiliate Radio Stations (MARS), commercial refiles, Wide Area Telecommunications Service (WATS) and Federal Telecommunications System (FTS), Army and DCS long-haul communications systems and circuits; satellite terminals and communications security equipment; audio-visual services; noncommunications systems such as fire alarms, civil defense warning systems, air traffic control systems, doctor, nurse and hospital call systems; and computers not directly related to performing a communications function. Also excludes direct support/general support maintenance which will be accomplished in appropriate base operations subactivity account "Maintenance of Materiel."

0305703A Base Communications - Pacific (H);X-9-01;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: procurement, construction, installation, site preparation, operation and maintenance of Army nontactical, non-DCS base (post, camp and station) communications facilities equipment systems which provide local communications to Pacific Theater of Operations installations/activities and off-post extensions.

This includes manual and automatic telephone exchanges and associated cable distribution plants; base radio systems including maintenance and/or lease of fixed and mobile radios, lease and/or maintenance of outside plant television facilities (antenna/cable systems); and communications services purchased from commercial carriers, including locally leased circuits and equipment, local telephone charges and toll calls. Includes management support activities directly related to the above (installation C-E officers and their staffs).

Excludes manual and automated Telecommunications Centers and associated cable distribution plants, Military Affiliate Radio Stations (MARS), commercial refiles, Wide Area Telecommunications Service (WATS) and Federal Telecommunications System (FTS), Army and DCS long-haul communications systems and circuits; satellite terminals and communications security equipment; audio-visual services; noncommunications systems such as fire alarms, civil defense warning systems, air traffic control systems, doctor, nurse and hospital call systems; and computers not directly related to performing a communications function. Also excludes direct support/general support maintenance which will be accomplished in appropriate base operations subactivity account "Maintenance of Materiel."

0305789A Intelligence Support to Counternarcotics-TIARA;X-0-10;
Includes civilian manpower authorizations and applicable costs for all years of the Defense Budget and Program.

This program element is for use by Army activities in execution of costs related to CINC counternarcotics programs funded by transfer appropriation from DOD Counternarcotics Funds Account. Activities funded in this program element will only be those approved by the Secretary of Defense and supported by transfer appropriation.

Excludes special operations activities in Major Program 11. Includes support for LEA under Section 1212 or 1004 of the Defense Appropriations Act. Excludes reimbursement or military assistance under Section 506a of the Military Assistance Act of 1961.

0305798B DMA Headquarters Support Activity;X-2-008;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the functions which provide administrative and operating support to the Defense Mapping Agency (DMA) management headquarters.

03058010 (A,F,M,N) Service Support to DMA;;
Includes military personnel support to the DMA (military manpower and associated military personnel costs). Primary activity supported: Geophysical Activities.

03058030 (A,F,M,N) Service Support to DIA (Non-NFIP);X-8-03;
Includes military personnel support (manpower and associated costs) to the non-NFIP activities of the DIA. Primary activity supported: Intelligence and Security.

03058040 (A,F,M,N) Service Support to NSA (Non-NFIP);X-8-03;
Includes military personnel support (manpower and associated costs) to the non-NFIP activities of the NSA. Primary activity supported: Intelligence and Security.

03058050 (A,F,M,N) Service Support to NSA (NFIP);X-8-03;
Includes military personnel support (manpower and associated costs) to the NFIP activities of the NSA. Primary activity supported: Intelligence and Security.

03058060 (A,F,M,N) Service Support to DNA;;
Includes military personnel support to the DNA (military manpower and associated military personnel costs). Primary activity supported: Logistics Support Operations.

03058070 (A,F,M,N) Service Support to TJS;;
Includes military personnel support to the JCS (military manpower and associated military personnel costs). Primary activity supported: Strategic Control and Surveillance Forces.

03058080 (A,F,M,N,DA,DF,DM,DN) Service Support to DISA;;

Includes military personnel support to the DISA (military manpower and associated military personnel costs). Primary activity supported: Centrally-Managed Communications and WWMCCS.

03058090 (A,F,M,N) Service Support to DIA (NFIP);X-8-03;
Includes military personnel support (manpower and associated costs) to the NFIP activities of the DIA. Primary activity supported: Intelligence and Security.

03058100 (A,F,M,N) Service Support to OSIA;X-8-02;
Includes military personnel support to the On-Site Inspection Agency (military manpower and associated military personnel costs). Primary activity supported: INF inspection activities.

03058110 (A,F,N) Service Support to DIS (H);X-6-01;
Includes military personnel support to the DIS (military manpower and associated military personnel costs). Primary activity supported: Personnel Support.

03058120 (A,F,M,N) Service Support to DSPO/ARSP;X-8-06;
Includes military personnel support (military personnel and associated military personnel costs) to the DSPO/ARSP activities.

0305813A Service Support to NSA Tactical Cryptology Program;X-0-09;
Includes military personnel support to NSA Tactical Cryptology Program.

0305814A Service Support to DISA Industrial Fund;X-0-09;
Includes military personnel support to DISA

0305815D General Support for SO/LIC ;X-91-1;
This program will provide funding for analyses required by the Office of the Assistant Secretary of Defense (SO/LIC).

03058160 (A,F,M,N) Service Support to OSIA (NFIP);X-92-3;;
Includes military personnel support (manpower and associated costs) for the NFIP activities at the OSIA.

03058200 (A,F,M,N) Service Support to ISPG;X-93-1;;

Includes military personnel support (military personnel and associated military personnel costs) to the Intelligence Programs Support Group

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03058210 (A,F,M,N) Service Support to CIO;X-93-2;;
Includes military personnel support (military personnel and associated military personnel costs) for Central Imagery Office activities.

0305830K Center for Information Management;X-91-2;;
Includes civilian and military manpower authorizations, support equipment, necessary facilities and associated costs specifically identified and measurable to the DISA Center for Information Management. The Center provides technical support to the Assistant Secretary of Defense for Command , Control, Communications and Intelligence who has been given the responsibility for implementing corporate information management principles throughout the DOD.

Excludes efforts under PE 0901535D.

03058530 (A,F,M,N) Environmental Conservation;X-94-6;;
Conservation includes any action specifically required to protect or enhance natural and cultural resources, preserve access to improved and unimproved training areas, and make necessary repairs to minimize erosion and otherwise rehabilitate DoD lands and waters. This includes complying with federal, state and local codes such as the National Historic Preservation Act, Archaeological Resources Protection Act, Native American Graves Protection and Repatriation Act, Endangered Species Act, Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), and the Sikes Act.

Funds all costs associated with direct support of conservation activities, including:

A. Studies and surveys to identify, inventory, and manage existing natural and cultural resources and evaluation of the resources so identified and inventoried;
B. Management costs, including workyears devoted to natural and cultural activities and preparing natural and cultural resource management plans;
C. Permits for use of natural and cultural resources;
D. Certification of innovative technology for DoD applications;
E. Design, construction, maintenance or repair costs specifically required to restore, improve or maintain natural or cultural resources;
F. Supplies and equipment required to carry out applicable natural and cultural resources management activities;
G. Appropriated funds attributable to fish, wildlife, agricultural outleasing and timber management activities.

Excludes:

A. Base Closure costs associated with these programs;

B. Normal maintenance required for appearance, including landscaping;
C. NEPA costs associated with facilities or weapons systems which are included in facility or weapon system costs;
D. Activities funded in the Defense Business Operations Fund (DBOF), which are charged to the appropriate DBOF program elements.

03058540 (A,F,M,N) Pollution Prevention;X-94-6;;
Pollution prevention is any action that is designed to reduce or eliminate (rather than control or treat) the future impact that an operation may have on the environment (including impacts to the air, surface and ground waters, vegetation and soils) through the source reduction of pollutants, more efficient use of natural resources, recycling, and/or reduced emissions of toxic and other undesirable materials or wastes to the environment.

Funds all costs associated with pollution prevention, including:

A. Certification of innovative technology for DoD applications;
B. Any laws, Executive Orders, or DoD policies that apply specifically to pollution prevention efforts;
C. Initial acquisition of environmentally acceptable replacements for hazardous materials required to comply with pollution prevention standards; (excludes normal replacement of hazardous material with less hazardous materials);
D. Installation level pollution prevention plans, assessments, equipment, and projects;
E. Review and modification of standardized documents for the sole purpose of eliminating or reducing the use of toxic chemicals and/or hazardous materials;
F. Cost of personnel and office operations directly involved with pollution prevention programs (including recycling programs);
G. Any facilities construction costs or maintenance costs primarily required to meet pollution prevention goals;

Excluding:

A. Research and development efforts associated with pollution prevention, which are covered under specific R&D program elements;
B. Normal infrastructure maintenance and repair to keep a system in good working order or system replacement as part of normal replacement cycles;
C. Activities funded in the Defense Business Operations Fund (DBOF), which are charged to the appropriate DBOF program elements;
D. Activities funded as part of a larger system acquisition program, which should be separately identified through cost accounting codes under the main system acquisition program element. For example, pollution prevention efforts included in the design of a new weapon system would be under the PE of the weapon system;
E. Base closure costs associated with these programs;

F. Activities funded within Family Housing program elements.

0305856F Environmental Compliance;X-94-6;;

Environmental Compliance includes actions to achieve and maintain full and sustained compliance with federal, state, and local environmental laws and regulations, Executive Orders, host nation regulations and DoD policies. Applies to workyears, training, travel, supplies, permits, fees, support equipment, service, and facilities (if the primary purpose is to comply with environmental standards) and the associated costs specifically identified and measurable to environmental compliance.

Funds all costs related to environmental compliance, including:

A. Recurring costs of environmental program management, daily operations and services, permits, fees, certifications, studies, and licenses; civilian workyears; education and training of environmental programs; hazardous waste management and disposal; sampling, analysis, monitoring and surveys; supplies, equipment, and travel.
B. Nonrecurring costs of projects/services required to bring DoD into compliance with environmental standards or comply with a notice of violation (Class I); to prevent DoD from failing to meet impending environmental standards (Class II); or to enhance the environment beyond legal requirements (Class III);
C. Pest management programs to meet FIFRA standards for pest management and pesticide storage, handling or use standards;
D. Overseas cleanup, as well as overseas compliance, efforts; and
E. Certification of innovative technology for DoD applications.

Excluding:

A. Efforts funded under Defense Environmental Restoration Account, Conservation, Pollution Prevention, BRAC or Occupational Health and Safety auspices;
B. Research and Development efforts associated with compliance, which are covered under specific R&D program elements;
C. Normal maintenance and repair to keep systems in working order, system replacement as part of normal replacement cycle; and normal installation operations (i.e. solid waste disposal including tipping fees, landfill operations, etc.); normal wastewater treatment plants, both domestic and industrial, which are appropriately included in base operations;
D. Upgrade/alteration of an industrial process undertaken for other than environmental purposes;
E. Environmental certification/licenses funded separately from mandatory requirements and training;
F. Routine pest control applications required to preserve structural integrity, properly charged to RPM and health applications, such as, mosquito control.

0305870V Defense Investigative Service Components;X-95-1;

Includes military and civilian manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically measurable to the following:

Department of Defense Security Institute (DODSI)
Promotes activities supporting DoD security programs in education and training, research and development and career development. Courses of instruction include resident, field extension and correspondence courses to personnel from Government, industry and selected foreign governments.

Department of Defense Polygraph Institute (DoDPI)
Provides basic and continuing education courses in psychophysiological tests and measurements. Qualifies military and civilian personnel for polygraph examiner careers and provides sustained research in lie detection and credibility assessment methodologies.

Defense Personnel Security Research Center (PERSEREC)
Researches and analyzes personnel security matters; provides advice and assistance upon request. Assists in the formation of joint research projects and provides liaison service for the exchange of information among industry, professional organizations and international agencies.

03058760 (F,N) Minor Construction (RPM) - Other Program 3;X-91-3;;
Includes manpower authorizations, peculiar and support equipment, necessary faclities and the associated cost specifically identified and measurable to the following:

All construction costing less than the statutory maximum amount for a Minor Military Construction project as established by section 2805 of title 10 U.S.C. in support of oceanographic, mapping, charting, geodesy, weather service, and other program 3 miscellaneous (non intelligence and non communication) activities.

03058780 (F,N) Maintenance and Repair (RPM) - Other Program 3;X-91-3;;
Includes manpower authorizations, peculiar and support equipment, necessary faclities and the associated cost specifically identified and measurable to the following:

Maintenance and repair of real property, i.e., utilities, buildings, other facilities, pavements, (roads, parking areas, runways, etc.), land, and grounds. Includes, but not limited to, such things as repair of electrical circuitry, heating and air conditioning, water piping, and routine maintenance work such as caulking, painting, etc. in support of oceanographic, mapping, charting geodesy, weather service, and other prog 3 miscellaneous (non intelligence and non commmunication) activities.

03058790 (A,F,H,N) Real Property Services (RPS) - Other Programs;X-94-7;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs of utility plant operations, purchased utilities, air conditioning and refrigeration, utility fuels, fire protection, crash rescue, snow removal and ice alleviation, entomological services, window glass replacement, elevator maintenance/inspection, custodial services, refuse collection and disposal, sewer and waste systems, rental of real property, facility engineering and public works management, other installation engineering services and other

annual service requirements performed in-house or by contract.

0305884L Intelligence Planning and Review Activities;X-94-1;
Includes resources for the joint military plans and doctrine, and TENCAP activities.

03058850 (G,N) Tactical Cryptologic Activities;X-2-003;
Includes National Security Agency RDT&E, manpower, procurement, and operation and maintenance resources in support of the Tactical Cryptologic Program. All cryptologic RDT&E within the Department of Defense is included within this program element with the exception of cryptologic RDT&E in support of NFIP activities which is in PE 0301011G and RDT&E for COMSEC which is in PE 03034010. Also includes Navy manpower and operation and maintenance resources involved in the execution of NSA TCP RDT&E funds sub-allocated to the Navy.

Excludes Consolidated Cryptologic Program 03010110; and Communications Security Program 03034010, and TCP operational activities which are funded in Program 2.

03058860 (F,G) RIVET JOINT Augmentation (H);X-5-03;
Includes the manpower authorizatons, peculiar and support equipment, necessary facilities and associated costs specifically identified and measurable to the portions of the RIVET JOINT Program necessary to meet Department of Defense requirements.

Excludes: This program is not part of the National Foreign Intelligence Program (NFIP).

0305887F Intelligence Support to Information Warfare;X-95-4;;
Includes RDT&E funds to develop the Combat Intelligence System (CIS) which will provide automated support to intelligence operations at the air component level and the wing/squadron level throughout the Air Force. The CIS program consolidated previously separate programs such as: Intelligence Correlation Module (ICM), Sentinel Byte (SB), Rapid Application of Airpower (RAAP).

Excludes civilian and military manpower and their related costs and military construction costs.

0305888F Office of Special Investigation (OSI) Counternarcotic Support;X-92-3;;
Includes activities funded by transfer appropriation for DOD Drug Interdiction and Counterdrug Activities pert aining to Air Force Office of Special Investigations support to counterdrugs.

Civilian manpower will be associated with this PE.

03058890 (A,B,D,E,F,G,J,K,L,M,N,V) Counterdrug Intelligence Support; X-94-2;;
Captures active force's intelligence costs specifically identified and measurable to Counterdrug detection or monitoring; command, control, communication, and intelligence assets dedicated to the detection of illegal drugs

and integrated into communication networks; other equipment required for drug interdiction/eradication/host nation operations assigned and/or directed, and any Procurement, MILCON, RDT&E for operational systems, or operating and maintenance costs associated. Includes both direct and reimbursable funding for all active forces. Only projects approved by the Secretary of Defense and supported by the transfer appropriation will be included.

Excludes special operations activities in Major Program 11. Excludes National Guard and Reserve costs. Civilian and certain military authorizations may be associated with this PE.

03058900 (A,F,N) Visual Information Activities-Other Program 3;X-6-06;
Funds Visual Information programs, consisting of the following subsets: Visual information (VI) productions and services and VI support.

Includes manpower authorizations and costs, travel, contractual services, procurement of supplies and materials, expense equipment, necessary facilities and the associated costs specifically identified, separable into "in-house" and "contract" portions, and measurable to the following other Program 3 functions, as appropriate:

o VI Productions and Services. Produce or acquire VI productions (i.e., slide and slide-sound sets, film strips, multi-media, video disc, audio productions, combination media), and motion media with sound. Includes resources for scripting, preproduction, production, postproduction, libraries, duplication, distribution, production project management, and other related and associated services.

o VI Support. Provide VI operational (combat and technical) documentation, still and motion picture photography, video, audio, radio and television closed circuit and broadcasting (not Armed Forces Radio and Television Service (AFRTS)) services, graphic art, VI records centers, VI records holding facilities, presentation support, repair and maintenance, video teleconferencing terminals, related and associated services, and their supervision.

o Joint Visual Information Services (JVIS). Resources to operate and maintain JVIS production, depository, and distribution activities assigned by OASD(PA), as a joint mission for DoD.

Excludes VI management at command and component headquarters and OSD. Excludes technical documentation support not available from base VI services, integral to the mission of organizations supported, and identified in other program elements. VI equipment integral to technical documentation functions is also excluded. It does not include VI activities with discrete program elements such as: Armed Forces Radio and Television Service.

0305892F Special Analysis Activities;X-78-015;
Includes 1. Development and investment of special analysis capabilities to be managed in a compartmented special activities office by Headquarters Air Force Systems Command. 2. Financial and manpower resources for operations will be provided by a USAF Operational Command.

(NOTE: Resources associated with these efforts are NOT a part of the National Foreign Intelligence Program (NFIP))

Excludes all crypto related activities identified in the "310" series program elements and previous related efforts identified in a program 6 program element.

03058940 (A,F,N) Real Property Maintenance - Other Program 3 (H);X-93-2;;

Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Real Property maintenance for oceanographic, mapping, charting, geodesy, weather service and other program 3 miscellaneous (non intelligence and non communications) activities including:

Maintenance and repair of all real property: utilities systems, buildings, other facilities, pavements (roads, parking areas, etc.), land (grounds)

Minor construction (with other than military construction funds)

Operation of utilities for all real property.

Other engineering support: fire protection, custodial services, entomology services, refuse collection and disposal, snow removal and ice alleviation, rental of real property (excluding payments to GSA), other installation engineering services.

Includes all resources in functional categories 9, 10, 11 and 12 as defined in DoD Instruction 7220.20. Also includes all resources (except manpower and military pay) used by groups/units assigned to specific BOS tasks on an ad hoc basis such as Naval Construction Force units and REDHORSE assigned to repair/construct facilities, roads, parking areas, etc., even if the work is classified as a military unit training project.

Excludes: Cost of maintaining family housing. See PE 08087460, Family Housing Maintenance.

03058950 (A,F,N) Base Communications;X-6-05;

Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Army: Includes the resources required to support all Program 3 nontactical, non-DCS base (post, camp, station) communication facilities and equipment systems which provide local communications worldwide to installations/activities. Includes procurement, construction and operations resources for base telephone systems, peculiar and support equipment, installation augmentation, modification and rehabilitation of communications networks, official telephone tolls, and any other base level commercial communications requirements.

Air Force: Includes the resources required to support the base communications type service at the National Military Command Center (NMCC), Pentagon Air Force Communications Service (AFCS), Air Weather Service (AWS), Air Rescue Service (ARRS) Headquarters located at Scott AFB, IL, and Defense Mapping Agency Aerospace Center. Also includes DMATS (Defense Metropolitan Area Telephone Systems). Included are procurement, construction and operations resources for base telephone systems, intra-base radio systems, wire communications services, official telephone tolls, TWX usage and commercial refile charges, and any other base-level commercial communications requirements.

Navy: Base level communications support for the Oceanographer of the Navy, Naval Electronic Engineering System Support Center, Naval Observatory, NAVDAC, the DoD Computer Institute (DoDCI) and the Naval Weather Service.

Excludes AUTOVON and AUTODIN access lines and leased terminal costs (PEs 0303112F and 0303126F); and Navy and DCS Long-Haul Communications Systems and circuits (PE 0303126N).

0305896A Base Operations - Other Program 3 (H);X-80-001;

Includes manpower authorizations, peculiar and support equiment, necessary facilities and the associated costs specifically identified and measurable to base operations support for oceanographic, mapping, charting, geodesy, weather service, and other Program 3 (non-intelligence and communications) activities, including:

Administration: Installation Headquarters Administration and Command (including squadron level responsible for Base Operations), Installation Comptroller services, Installation ADP services, Installation Information Activities, Installation Legal Activities, Installation Civilian Personnel Administration, Installation Military Personnel Administration, Installation Printing and Reproduction, Installation Safety, Installation Management Analysis/Management Engineering.

Retail Supply Operations: Installation Supply Activities, Installation Procurement Operations, Installation Storage Activities.

Maintenance of Installation Equipment (includes maintenance of administrative aircraft, vehicles and equipment but excludes maintenance of tactical equipment, combat vehicles and mission aircraft).

Other Base Services: Installation Transportation Activities, Installation Training (excludes troop training and tactical exercises), Installation Physical Security and Police Activities, Laundry and Dry Cleaning (for troop support and other appropriated fund activities), Installation Airfield/Air Base Operations (control tower, weather, flight services, etc.), Installation Restoration.

Bachelor Housing Operations and Furnishings (management; housing assignment; care of quarters; provisions, care, preservation and maintenance of furnishings, etc.).

Other Personnel Support: Food Service, Social Action, Community Services, Chaplains, Bands, Morale, Welfare and Recreation

Excludes the following functional categories which are a part of the standard definition of Base Operating Support, but are reported under separate PE's:

Maintenance and repair of real property, Minor construction, Operation of utilities, Other engineering support, Base communications, Commissary operations: Retail and Troop Issue, Station hospitals, Medical and Dental clinics and Dispensaries, Family housing.

03058960 (F,H,N) Base Operations - Other Program 3;X-95-1;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following functional categories of effort:

Administration: Installation Headquarters Administration and Command (including squadron level responsible for Base Operations), Installation Comptroller Services, Installation ADP Services, Installation Information Activities, Installation Legal Activities, Civilian Personnel Administration, Installation Military Personnel, Administration Installation Printing and Reproduction, Installation Safety, Installation Management Analysis/Management Engineering.

Retail Supply Operations: Installation Supply Activities, Installation Procurement Operation, Installation Storage Activ ities.

Maintenance of Installation Equipment: (Includes maintenance of administrative aircraft, vehicles and equipment; but excludes maintenance of tactical equipment, combat vehicle and mission aircraft).

Other Base Services: Installation Transportation Activities, Installation Training (excludes Troop training and tactical exercise). Installation Physical and Police Activities, Laundry and Dry Cleaning (for troop support and other appropriated fund activities). Installation AirField/Air Base Operations (control tower, weather, flight service, etc.) Installation Restoration.

Bachelor Housing Operations and Furnishing: (management; housing assignment, care of quarters, provisions, care preservation and maintenance of furnishings, etc.)

Other Personnel Support: Food Service; Social Action; Community Service; Chaplain Services; Bands; Morale, Welfare and Recreation.

Excluded are the following functional categories which are a part of the standard definition of Base Operating Support, but are reported under separate PEs: Real Property Services, Minor Construction, Maintenance and Repair, Base Communications, Commissary Operations (Retail and Troop Issue), Station Hospitals, Medical and Dental Clinics and Dispensaries, Family Housing.

03058970 (H,N) Training (H);X-78-003;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Navy: DoD Computer Institute

DNA: Nuclear Weapons Training

03058980 (A,F) Management Headquarters (Auxiliary Forces) (H);;

03058980 (B,BA,H,L,N,V) Management Headquarters (Auxiliary Forces);X-8-02;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Navy: Office of the Oceanographer of the Navy. (The Office of the Oceanographer of the Navy provides headquarters management for the Naval Oceanographic Program, the purpose of which is to enhance the effectiveness of the operating forces through observation, study, and prediction of the environment (oceanographic/meteorological) and to provide environmental data applicable to the development, improvement and operations of U.S. Naval forces and weapon systems.

Defense Investigative Service: DIS HQ

Defense Mapping Agency: DMA HQ

Defense Nuclear Agency: DNA HQ

Excludes nonmanagement headquarters resources (refer DoDD 5100.73), and WWMCCS ADP in DNA. On-Site Inspection Agency: OSIA HQ

Excludes nonmanagement headquarters resources (refer DoDD 5100.73), and WWMCCS ADP in DNA.

0305901F C3 Power Reliability Program;X-92-4;;
Includes resources to correct electrical power, air conditioning and electro-magnetic pulse (EMP) protection deficiences at selected C3 sites. Project will cover entire power generation, delivery and ancillary support systems to all critical mission loads, including commercial power connections, rapid-start-engine generators, uninterruptible power supplies (UPS), reserve cooling capacity, fire detection and control, supervisory control systems, and EMP protection corrections.

Excludes the cost of operating and maintaining such systems, also excludes manpower authorizations and their related costs.

0305902F Ballistic Missile Tactical Warning/Attack Assessment System;X-92-4;;
This PE provides for Ballistic Missile Tactical Warning/Attack Assessment (TW/AA) resources which extend across multiple subsystems/commands and apply to the System as an entity. Resources are for the System Integration Office (SIO) providing (TW/AA) System architecture,TW/AA and collateral systems interface/integration engineering, configuration control, data management, TW/AA System interface/integration test and demonstration,TW/AA evaluation analysis and Collateral Sensor Support. SIO resources are for the following functions; either directly or through coordination with other Commands/Agencies.

a. Establish and maintain the TW/AA System configuration baseline. b. Perform interface/integration engineering and testing. c. Establish, verify and evaluate technical integrity among specified operational TW/AA requirements, component operational capabilities, TW/AA System architecture and capabilities, and the approved/proposed programs and enhancements. Includes establishing hardware and software configurations. d. Provide technical guidance to support the analysis and evaluation of the TW/AA system. The system must evolve to meet new threats, new missions, resource allocation changes, policy and doctrine changes, and technological and environmental changes. e. Provides a coherent interface and architecture design. f. Translate operational TW/AA requirements into functional engineering requirements. g. Evaluate and propose sensor cross-checks and interoperability with Command Centers. h. Identify, organize, and manage interrelated technical roles available from several engineering disciplines to satisfy overall TW/AA systems engineering design requirements. i. Provide a common technical reference baseline for communications among TW/AA user organizations, between TW/AA users and developers, and among developers.j. Plan, design, develop and publish technical engineering standards, procedures, and interface/integration criteria for TW/AA System components and monitor adherence to such standards. k. Provide PPBS inputs to the Aerospace Defense Center as required and monitor R&D efforts that have impact on the TW/AA System. It will certify compatibility of all TW/AA components, both existing and newly developed.

0305904F Space Defense Interface Network;X-92-4;;
Includes resources (manpower authorizations, research and development, investments, operations and maintenance) that provide DCS and non-DCS strategic connectivity between SPACETRACK sensors, NORAD Cheyenne Mountain Complex (NCMC) space defense systems and satellite owners/operators. Provides manpower to operate and maintain communications equipment at SPACETRACK sensors. Leases, develops, procures and maintains dedicated commercial and military communications systems (circuits, line termination equipment) that support space defense data, teletype and voice connectivity requirements.

Excludes any resources associated with the AF COMSEC Program (PE 0303401F), common user communications network

such as AUTOVON and AUTODIN (PE 0303126F), base level communications (PE 0303112F) and major military communications systems such as DSCS (PE 0303110F). Also excludes resources associated directly with SPACETRACK sensors (PE 0305910F) and NCMC space defense systems (PE 0305907F).

0305905F Improved Space Based TW/AA;X-92-3;;
Includes RDT&E funds to support the design and development of a survivable improved performace space based infrared sensor satellite network to provide high confidence strategic and tactical missile warning and assessment.

0305906F NCMC - TW/AA System;X-92-4;;
Includes resources (manpower authorizations, research and development, investment, operations and maintenance) that support the space, ballistic missile, and atmospheric missions of the NORAD Cheyenne Mountain Complex (NCMC) role in the Integrated Tactical Warning/Attack Assessment (ITW/AA) system. Includes ADP resources for existing NCMC ITW/AA systems; related systems installed in the off-site test facility, the space and warning systems center and the STRATCOM command post; and programmed replacements governed by the Cheyenne Mountain Upgrade (CMU) program. Also includes those resources devoted to planning, designing, developing, procuring, leasing, programming, and operating NCMC ITW/AA systems. Excludes any resources associated with the intelligence data handling system (PE 0301334F), NCMC communications support (PE 0305908F) and resources associated with WWMCCS-standard and WIS ADP programs.

Resources previously entitled NCMC Space Defense Systems (PE 0305907F) are included in this program element.

0305907F NCMC - Space Defense Systems;X-92-4;;
Includes resources (manpower authorizations, research and development, investment, operations and maintenance) that support the NORAD Cheyenne Mountain Complex (NCMC) space surveillance and space defense missions. Includes ADP resources for existing NCMC space surveillance/defense systems, related systems installed in the Off-Site Test Facility and Test, Development, and Training Center; and programed replacements/upgrades for the SPADOC, SPADOC Computational Center and Mission Operations Center. Also includes those resources devoted to planning, designing, developing, procuring, leasing, programing and operating space surveillance and space defense systems, to include ASAT C2 systems.

Excludes any resources associated with the intelligence data handling systems (PE 0301334F), NCMC ballistic missile and atmospheric tactical warning/attack assessment systems (PE 0305902F), NCMC communications support (PE 0305908F) and resources associated with WWMCCS-standard and WIS ADP programs.

0305908F TW/AA Interface Network;X-92-4;;
Includes resources (manpower authorizations, research and development, investments, operations and maintenance) that provide DCS and non-DCS strategic connectivity between ballistic missile tactical warning/attack assessment (TW/AA) sensor sites and key command centers (NORAD, STRATCOM, and NCA ground facilities). Includes manpower to operate and maintain TW/AA communications facilities and resources to lease, develop, procure and maintain dedicated commerical and military communications systems (circuits, line termination equipment) that support TW/AA data, teletype and voice connectivity requirements. Also provides resources for sensor and command center interfaces with programmed survivable communications systems (JRSC, GWEN, MILSTAR, etc.).

Excludes any resources associated with the AF COMSEC Program (PE 0303401F), common user communications network such as AUTOVON and AUTODIN (PE 0303126F), base level communications (PE 0303112F) and major military communications systems such as DSCS (PE 0303110F). Also excludes resources associated directly with TW/AA sensors and the NORAD Cheyenne Mountain Complex.

0305909F Ballistic Missile Early Warning System (BMEWS);X-92-4;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

BMEWS Sites, BMEWS Surveillance Wing, Surveillance Wing Support Units.

Excludes all Defense Communication System (DCS) and non-DCS communications resources which are contained in PE 0305908F.

0305910F SPACETRACK;X-92-4;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the Spacetrack Sensor Network.

Excludes all Defense Communications System (DCS) and non-DCS resources which are contained in PE 0305904F.

0305911F Defense Support Program;X-93-2;;
Funds resources (manpower authorizations, research and development, investments, operations and maintenance) that supports satellites and satellite facilities located throughout the world.

Excludes all Defense Communications Systems (DCS) and non-DCS communications resources.

0305912F Submarine-Launched Ballistic Missile (SLBM) Radar Warning System;X-92-4;;
Includes manpower authorizations, peculiar and support equipment necessary facilities and the associated costs specifically identified and measurable to the Sea-Launched Ballistic Missile Detection and Warning Radar (FSS-7), and the SLBM Phased Array Radar System (PAVE PAWS, FPS-85, and PARCS).

Excludes all Defense Communications System (DCS) and non-DCS communications resources which are contained in PE 0305908F.

0305913F NUDET Detection System;X-92-4;;
Manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

The development and production of GPS Satellite NUDET (nuclear detection) sensors and associated ground equipment providing a highly survivable and accurate global, near-real time data to NCA, unified/specified commands and battlefield decision makers for battle management, damage assessment, treaty monitoring and technical analysis.

0305914F Engineering Inst Supt-AFSPACECOM;X-92-4;;
Includes funds to support HQ/SPACECOM and base-level for engineering installation support for installation, removal and relocations of communication computers systems, networks and equipment. Includes costs for travel, transportation, per diem, rents, supplies, contract services, major and minor equipment in support of upward generated Communications-Computer Systems Requirements Documents (CSRD) and downward directed programs (i.e. PMD).

Excludes manpower, military pay, and AFCC E&I requirements identified in PE 0305123F.

0305915F Space Based Infrared Architecture (SBIR);X-95-1;
Includes operational system development and production to support the satellite system replacement of the existing Defense Support Program (DSP). Production includes purchase of hardware for SBIR ground stations (computers, antennae, cables, etc.,) used in the oversas remote ground stations and at the centralized CONUS facility.

0305916F Training - Space;X-95-3;;
Supports training for NORAD/Cheyenne Mountain Complex (NCMC) and sensor site operational crews. The resources include civilian personnel for the 21st Crew Training Squadron (21CTS). The 21CTS provides centralized management and control of training and operates and maintains a state-of-the-art computer-based training system with positional/crew simulators. The CTS also supports local operational units by providing training facilities, systems, and fiscal resource

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03059190 (A,F,M,N) Child Development;X-93-3;
Includes manpower authorization, facilities, supplies and support equipment and associated costs specifically identified and measurable to the intellectual, social, emotional and physical development of children. The primary sources are child development centers and family child care/family day care home which are government quarters, owned or leased.

03059200 (A,F,M,N) Family Centers;X-93-3;
Includes manpower authorization, facilities, supplies and support equipment and associated costs specifically identified and measurable to the Services and includes:

Spouse employment, relocation assistance, crisis referral and aid for families, financial management planning, information concerning family support resources, and services for families with special needs.

03059210 (A,F,M,N) SPACECOM Combat Operations Staff;X-95-3;;
Programs include space surveillance, command and control, space launch, Cheyenne Mountain Alternate Headquarters (CMAH), theater support teams, theater support operations center, wargaming and simulation and ballistic missile defense. These costs extend beyond headquarters operations to encompass support of operational command post crews and mobile command and control. Funding supports USSPACECOM operational crews located in Cheyenne Mountain

Complex, USCI NCSPACE's Space Operations Center on Peterson AFB, and in deployed units during exercises and contingencies. Funding includes TDY, equipment maintenance, some miscellaneous contract support and supply band equipment requirements. Additional contractor expertise not available on the USSPACECOM staff is used to support combat operations and other CINC operational requirements. Tasks include engineering assistance for implementation of the Command, Control and Communications (C2) Master Plan, systems engineering support for space operations, support for a special project association with space support to tactical forces, and various intelligence initiatives.

0305925F Operational Headquarters - Space;X-95-3;;
Includes support facilities and the associated resources for the 14th Air Force operation as the Air Force warfighting component to USCINCSPACE. Provides management and oversight for space launch wings, satellite control wing, missile warning wing and an independent space control group. Provides Forward Space Support in Theater teams.

0305927N Naval Space Surveillance;X-95-3;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and associated costs specifically identified and measurable to the following:

Navy space surveillance systems including data processing and information distribution.

0305928N Space Systems Control;X-95-3;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to NAVSPACECOM Activities and detachments.

Excludes all leased communications.

0305972N Space Activities;X-95-3;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Provides for the acquisition of satellite launch vehicles, satellite ground site equipment, and attendant operations and maintenance costs associated with space activities and surveillance efforts of higher classification.

0305996F Base Operations - SPACECOM;X-95-1;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following functional categories of effort:

Administration: Installation Headquarters Administration and Command (including squadron level responsible for Base Operations), Installation Comptroller Services, Installation ADP Services, Installation Information Activities, Installation Legal Activities, Civilian Personnel Administration, Installation Military Personnel,

Administration Installation Printing and Reproduction, Installation Safety, Installation Management Analysis/Management Engineering.

Retail Supply Operations: Installation Supply Activities, Installation Procurement Operation, Installation Storage Activ ities.

Maintenance of Installation Equipment: (Includes maintenance of administrative aircraft, vehicles and equipment; but excludes maintenance of tactical equipment, combat vehicle and mission aircraft).

Other Base Services: Installation Transportation Activities, Installation Training (excludes Troop training and tactical exercise). Installation Physical and Police Activities, Laundry and Dry Cleaning (for troop support and other appropriated fund activities). Installation AirField/Air Base Operations (control tower, weather, flight service, etc.) Installation Restoration.

Bachelor Housing Operations and Furnishing: (management; housing assignment, care of quarters, provisions, care preservation and maintenance of furnishings, etc.)

Other Personnel Support: Food Service; Social Action; Community Service; Chaplain Services; Bands; Morale, Welfare and Recreation.

Excluded are the following functional categories which are a part of the standard definition of Base Operating Support, but are reported under separate PEs: Real Property Services, Minor Construction, Maintenance and Repair, Base Communications, Commissary Operations (Retail and Troop Issue), Station Hospitals, Medical and Dental Clinics and Dispensaries, Family Housing.

03059980 (F,N) Management Headquarters (Space Command);X-92-4;;
Manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Space Command Headquarters.

Excludes nonmanagement headquarters resources and WWMCCS ADP

0306098L Management Headquarters - Joint Military Intelligence Program;X-95-4;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities, specifically identified and measurable to:

Defense General Intelligence and Applications Program

0308012N Collateral Equipment Funding;X-0-08;
Includes Operation and Maintenance, Navy funding for the procurement of collateral equipment that is required to initially outfit new military construction at naval shore activities.

03086100 (A,F) Information Management-Automation-Program 3;X-9-04;

For the Army:

Includes civilian and military manpower and related costs as applicable. Provides resources for staff supervision at major command (MACOM) and installation levels of information management activities; includes all costs associated with mission-related data processing facilities to include personnel, supplies, equipment, design costs, analysis, programming, and operation and maintenance expenses.

Excludes manpower and related costs of Automation Acquisition management and support (PEO/PM life cycle management costs), central software design, and operation of Life Cycle Software Support Centers (see specific PEs for these costs and definitions).

For the Air Force:

Provides resources to support standard information systems. Includes associated support costs specifically identifiable and measurable to central information systems activities at the Standard Information Systems Center (SISC), the Air Force Computer Acquisition Center (AFCAC), and the Second Information Systems Group (2 ISG).

Excludes manpower and costs associated with the Worldwide Military Command and Control System (WWMCCS) Information System, WWMCCS-ADP, and the Inter-Service/Agency Automated Message Processing Exchange (I-S/A AMPE) programs.

0308611F Common Air Force Software Improvement and Insertion Program (CASIIP);X-92-3;;
Provide funds to accomplish the software improvement actions outlined in the AF Software Management Plan (not already covered by other activities), support AF Ada Software activities supporting common embedded domains, and support Ada software development technology start-up costs for common high payoff projects including Modular Avionics Systems Architecture, Ada for Automated Test Equipment, and associated standards/bindings for Ada.

0308613A Centrally Managed Sustaining Base for MIS;X-0-06;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to operation and maintenance of the Army's centrally managed sustaining base.

0308614A Information Systems Selection Acquisition Activities;X-9-04;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Operation of the U.S. Army Information Systems Selection Acquisition Agency.

0308615A Automated Acquisition Mgt & Spt: Project Mgrs-Program 3;X-9-04;
Includes manpower authorizations, peculiar and support equipment, necessary facilities, and the associated costs specifically identified and measurable to the following:

The operation of Army Acquisition Executive chartered Program Executive Officer/Project manager offices and other Army chartered Project Managers for automated information systems developed and fielded under the DoD 7920 Life

Cycle Management Directives. Includes the salary and expense costs for the life cycle of the system.

Excludes the costs of development, fielding or operation of the hardware and software associated with these systems. Excludes Program Executive Officer/Project manager costs for systems developed under the guidelines of the DoD 5000 acquisition management series of directives.

0308616A Information Mgt-Central Software Design-Program 3;X-9-04;
Includes manpower authorizations, peculiar and support equipment, necessary facilities, and the associated costs specifically identified and measurable to the following:

The operation of an organization, or segments thereof, which is responsible for designing, coding, testing, documenting, and subsequently maintaining/modifying executive or application software for use Major Command or Armywide. Includes technical assistance, field assistance to users, quality assurance, and library operations when these functions are performed in support of a central software design activity. Also includes resources for contractor designed and developed software.

Excludes costs attributable to software design for systems being fielded under the DOD 5000 series of acquisition directives.

0308621A Acquisition Spt to Prog Exec Officers (Info Mgt);X-0-05;
Includes manpower authorizations for reimbursable MACOM "matrix support to PEO/PM operations" for those Management Information System PEO/PM chartered by the Army Acquisition Executive. Costs of these manpower are included in PEO funding profiles and attributed to the management information systems (DODI 7920 series) of the acquisition and management support PE. Excludes manpower associated with the PEO/PM operating under the DODI 5000 series which are in PE 0702808A).

0308625F Industrial Fund and Stock Fund Support (H);X-92-4;;
Reflects funding requirements necessary to align appropriated funds requested in customer accounts and Industrial and Stock Fund activities pricing.

Civilian and military authorizations will not be associated with this PE.

0308698A Mgt Hqs - Svc Acq Exec Chartered PEOs (Prog 3);X-0-09;
Includes manpower authorizations, peculiar and support equipment, necessary facilities, and the associated costs specifically identified and measurable to the following: The operation of Service Acquisition Executive Chartered Program Executive Officers' (PEO) offices for systems managed under DOD 7920 Life Cycle Management Directives. Includes the salary and expense costs for PEO and immediate staffs.

0401111F C-97 Air Transport Squadrons (IF) (H);;

0401112F C-118 Air Transport Squadrons (IF) (H);;

0401113F C-121 Air Transport Squadrons (IF) (H);;

0401114F C-124 Airlift Squadrons (IF) (H);;

0401115F C-130 Airlift Squadron;X-92-5;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Wing Headquarters, Aircraft Squadrons, Organizational Maintenance, Field Maintenance/Avionics Maintenance, Weapons System Security.

Excludes Advanced Flying Training operating costs (see Training element in this program); Base and Mission Support activities (see Base Operations, Airlift Support Services, and Command elements in this program); and Airlift assigned to other elements in this program.

0401115N C-130 Airlift Squadrons (IF) (H);;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Wing Headquarters, Aircraft Squadrons, Organizational Maintenance, Field Maintenance, Avionics Maintenance, Weapons System Security.

Excludes Advanced Flying Training operating costs (see Training element in this program); base and mission support activities (see Base Operations, Airlift Support Services, and Command elements in this program); and airlift assigned to other elements in this program.

0401116F C-133 Airlift Squadrons (IF) (H);;

0401117F C-135 Airlift Squadrons (IF) (H);;

0401118F C-141 Airlift Squadrons;X-94-5;;

Includes manpower authorizations, peculiar and support equipment, necessary facilities, and the associated costs specifically identified and measurable to the following:

Wing Headquarters, Aircraft Squadrons, Organizational Maintenance, Field Maintenance, Communications and Electronic Maintenance, Weapons System Security.

Excludes Advanced Flying Training operating costs (see Training element in this program), base and mission support activities (See Base Operations, Airlift Support Services, and Command elements in this program).

0401119F C-5 Airlift Squadrons;X-94-5;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities, and the associated costs specifically identified and measurable to the following:

Wing Headquarters, Aircraft Squadrons, Organizational Maintenance, Field Maintenance, Communications and Electronic Maintenance, Weapons System Security.

Excludes Advanced Flying Training operating costs (see Training element in this program), base and mission support activities (See Base Operations, Airlift Support Services, and Command elements in this program).

0401120F Mobility Aerial Port Squadrons (IF)(H);X-94-5;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to Mobility Aerial Port Squadrons.

Excludes Air Cargo Material Handling (463-L) (PE 0401214F).

0401121F C-124 Airlift Squadrons (Special) (IF) (H);;

0401122F Airlift Support Services (IF)(H);X-94-5;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to administrative and command functions of military airlift groups and military airlift wings. Also includes administrative and command functions of military airlift support squadrons.

Excludes Service identified to maintenance squadrons, enroute maintenance, supply support, HQ MAC activities, aeromedical, SAM, aerial port squadrons, communications, EDP rental, fleet and traffic services, cross-servicing, etc., which are included in other elements in this program; and Base and Mission Support (see Base Operations element in this program)

0401123F Military Airlift Group (IF) (H);X-94-1;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Military Airlift Group, Aircraft Squadrons, Air Terminals, Consolidated Maintenance, Presidential Communications (including SOFT TALK), Weapons System Security.

Excludes Base Support and Mission Support (see Base Operations element in this program).

0401124F Aeromedical Airlift Squadrons (IF)(H);X-94-5;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Aeromedical Aircraft Squadrons, Aeromedical Evacuation Groups, Organizational Maintenance, Field Maintenance, Communications and Electronics Maintenance.

Excludes Base Support and Mission Support (see Base Operations element in this program); and Advanced Flying Training operating costs (see Training element in this program).

0401125F Aerial Port Squadrons (IF)(H);X-94-5;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to Aerial Port Squadrons (Strategic), and traffic management.

Excludes air terminals assigned to Special Air Mission element in this program; Tactical Aerial Ports; and Air Cargo Materials Handling (463-L) activities (see appropriate element in this program).

0401126F Passenger Movement (Commercial) (IF) (H);X-8-06;
Includes cost of obtaining commercial airlift for the movement of passengers.

0401127F Cargo Transport (Commercial) (IF) (H);X-8-06;
Includes costs of obtaining commercial airlift for the movement of cargo.

0401128F Mail Transport (Commercial) (IF) (H);X-8-06;
Includes cost of reimbursing the Post Office Department for all mail moved by air on behalf of the Department of Defense.

0401129F THEME CASTLE (H);X-92-4;;
This is a special access program. Details available on a need-to-know basis.

Excludes manpower authorizations and their related costs.

0401130F C-17 Aircraft;X-94-5;;

Includes manpower authorizations, peculiar and support equipment, necessary facilities, and the associated costs specifically identified and measurable to the following:

Wing Headquarters, Aircraft Squadrons, Organizational Maintenance, Field Maintenance, Avionics Maintenance, Weapons System Security, Follow-On RDT&E (RDT&E after system completes FSED).

Excludes Advanced Flying Training Operating Costs (see Training element in this program), base and mission support activities (See Base Operations, Airlift Support Services, and Command elements in this program), and Airlift assigned to other elements in this program.

0401131F Non Developmental Airlift Aircraft Squadrons;X-94-5;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associate costs specifically identified and measurable to the following:

Wing Headquarters, Aircraft Squadrons, Organizational Maintenance (on aircraft), Advanced Flying Training conducted NDAA, and Weapons System Security.

NOTE: Commercial contract logistics support is being used for this aircraft.

Excludes Air Base Units supporting TDY NDAA operations.

0401168F Revenues (Airlift Service)(IF) (H);X-92-4;;
Includes the revenues (minus entry) received for goods or services furnished by the Industrial Fund activities identified with the Military Airlift Service. Also includes the net annual operating gain or loss for these activities.

0401211F C-123 Squadrons (Non-IF) (H);;

0401212F C-124 Squadrons (Non-IF) (H);;

0401213F Airlift Squadrons (Special) (Non-IF) (H);;

0401214F Air Cargo Material Handling (463-L) (Non-IF);;
Includes the associated costs specifically identified and measurable to the procurement of interrelated pieces of equipment necessary in the performance of the operations of port squadrons world-wide.

Excludes personnel and facilities (see appropriate Air Terminal or Aerial Port Squadron elements in this program).

0401215F Civil Reserve Air Fleet (CRAF) Modifications (Non-IF) (H);X-95-2;

Includes funds to modify civilian passenger aircraft into cargo-capable configuration for allocation to the Civil Reserve Air Fleet.

Excludes manpower authorizations.

0401216F Airlift Mission Activities;X-94-5;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities, and the associated costs specifically identified and measurable to funding for reimbursement to the DBOF-T for those programs/activities assigned to the Air Force as mission/funding responsibilities. These include Special Airlift Missions, Joint Airborne/Air Transportability Training, Maintenance of non-DBOF aircraft, overseas movement of household goods for Air Force civilian personnel, and local area C-5/C-141/C-130 aircrew training.

Excludes Management Headquarters resources in PEs 0401898F and 0401998F; flying hours; and manpower authorizations.

0401217F Special Air Mission - 89TH MAW ;X-92-3;;
Provides for operations and support of worldwide airlift for the President, Vice President, Cabinet, Congress, and other dignitaries for the US government and its allies. Weapon systems include the VC-25, C-20, C-137, C-9 and UH-1N. Contains authorizations and funding for the aircraft, flying hours, military and civilian personnel.

Civilian and military authorizations will be associated with this PE.

0401218F KC-135s;X-93-1;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified for Air Mobility Command and measurable to the following:

Wing Headquarters, Air Refueling Squadrons, Avionics Maintenance, Field Maintenance, Organizational Maintenance, Advanced Flying Training conducted in KC-135 Squadrons, Weapons System Security.

Excludes PACCS (see appropriate element in this program); NEACP (see Program 3); Airborne Command Posts (CINCs) (see Program 2); and air base units supporting TDY tanker operations (see Base Operations elements in this program) .

0401219F KC-10s;X-93-1;;
Includes peculiar and support equipment, necessary facilities and the associated costs specifically for Air Mobility Command and measurable to the following;

Wing Headquarters, KC-10A Squadrons, Organizational Maintenance (on Aircraft), Advanced Flying Training conducted in KC-10A Squadrons, Weapons System Security.

NOTE: Commercial contract logistics support is being used for this aircraft.

Excludes Air Base Units supporting TDY KC-10A operations.

0401300F Mobility Air Intelligence System Activities;X-94-1;;
Includes resources, organizations, activities, and procedures structured to provide intelligence and and intelligence functional support to USAF airlift command and control and other USAF airlift force elements. Includes manpower authorizations, peculiar and support equipment, necessary fixed and deployable facilities, and the associated costs specifically identified and measurable to the following: Intelligence resources associated with Air Mobility Command and its subordinate command airlift elements.

Excludes training identified in Program 8; resources identified in Program 3; resources identified with management headquarters; real property and base operating support.

0401312F Aerial Port Squadrons (H);;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to Aerial Port Squadrons.

Excludes Air Cargo Material Handling (463-L) (PE 0401214F).

0401313F Advanced Medium STOL Transport (H);X-5-03;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Wing Headquarters, Aircraft Maintenance, Aerospace Ground Equipment (AGE), Tactical Airlift Squadrons, Weapon Systems Security, Supply Support.

Excludes Advanced Flying Training operating costs (see Training element in this program).

0401314F Operational Support Airlift;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to Wing Headquarters, aircraft squadrons/detachments, and organizational maintenance squadrons of various major commands.

0401315F C-STOL Aircraft;X-7-04;
Includes funding for procuring off-the-shelf STOL aircraft and necessary support elements (flying hours, O&M, manpower and MILCON).

0401316F Senior Citizen (H);X-95-2;
This is a special access program. Access will be granted on a strict need-to-know basis only.

No manpower included.

0401317F Tactical Airlift Modernization;X-91-1;
Tactical Airlift aircraft will be modernized by procurement of upgraded C-130s. These modernized aircraft will be similar to existing C-130s as they leave the assembly line except they will have modern technology upgrades such as high technology turboprops; modern technology engines; enhanced electrical, hydraulic, and pneumatic systems; modern technology cockpit displays and avionics; as well as others.

Civilian and military authorizations will be associated with this PE.

0401318F CV-22;X-95-3;;
Funds the procurement of CV-22 aircraft for HQ AFSOC.

0401840F AMC Command and Control System;X-94-5;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities, and the associated costs specifically identified and measurable to the AMC Command and Control System which includes Command Center operations, organic deployable command, control and communications assets, and automation support.

Excludes command and control communications except the AMC organic deployable systems.

0401841F WWMCCS ADP - MAC (H);X-8-04;
Includes all resources (R&D, investment, operations, maintenance and manpower) associated with ADP support of the Worldwide Military Command and Control System (WWMCCS). Includes those resources devoted to planning, designing, developing, procuring, leasing, programming, and operating ADP facilities that are a part of or are in direct support of WWMCCS. Includes, but is not limited to, WWMCCS standard (Honeywell) ADP systems.

Excludes WWMCCS architecture (see PE 0603735F) and resources included in program elements which are a part of the Consolidated Telecommunications Program.

0401842F Engineering Installation Support-AMC;X-94-5;;
Includes funds to support Hq AMC and base level for engineering installation support for installation, removal, and relocations of comunication computers systems, networks and equipment. Includes costs for travel, transportation, per diem, rents, supplies, contract services, major and minor equipment in support of upward generated Communications-Computer System Requirements (CSRDs) and downward-directed programs (i.e. PMD)

Excludes manpower, military pay, and AFCC E&I requirements identified in PE 0305123F.

0401853F Environmental Conservation;X-94-6;;
Conservation includes any action specifically required to protect or enhance natural and cultural resources, preserve access to improved and unimproved training areas, and make necessary repairs to minimize erosion and

otherwise rehabilitate DoD lands and waters. This includes complying with federal, state and local codes such as the National Historic Preservation Act, Archaeological Resources Protection Act, Native American Graves Protection and Repatriation Act, Endangered Species Act, Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), and the Sikes Act.

Funds all costs associated with direct support of conservation activities, including:

A. Studies and surveys to identify, inventory, and manage existing natural and cultural resources and evaluation of the resources so identified and inventoried;
B. Management costs, including workyears devoted to natural and cultural activities and preparing natural and cultural resource management plans;
C. Permits for use of natural and cultural resources;
D. Certification of innovative technology for DoD applications;
E. Design, construction, maintenance or repair costs specifically required to restore, improve or maintain natural or cultural resources;
F. Supplies and equipment required to carry out applicable natural and cultural resources management activities;
G. Appropriated funds attributable to fish, wildlife, agricultural outleasing and timber management activities.

Excludes:

A. Base Closure costs associated with these programs;
B. Normal maintenance required for appearance, including landscaping;
C. NEPA costs associated with facilities or weapons systems which are included in facility or weapon system costs;
D. Activities funded in the Defense Business Operations Fund (DBOF), which are charged to the appropriate DBOF program elements.

0401854F Pollution Prevention;X-94-6;;
Pollution prevention is any action that is designed to reduce or eliminate (rather than control or treat) the future impact that an operation may have on the environment (including impacts to the air, surface and ground waters, vegetation and soils) through the source reduction of pollutants, more efficient use of natural resources, recycling, and/or reduced emissions of toxic and other undesirable materials or wastes to the environment.

Funds all costs associated with pollution prevention, including:

A. Certification of innovative technology for DoD applications;
B. Any laws, Executive Orders, or DoD policies that apply specifically to pollution prevention efforts;
C. Initial acquisition of environmentally acceptable replacements for hazardous materials required to comply with

pollution prevention standards; (excludes normal replacement of hazardous material with less hazardous materials);
D. Installation level pollution prevention plans, assessments, equipment, and projects;
E. Review and modification of standardized documents for the sole purpose of eliminating or reducing the use of toxic chemicals and/or hazardous materials;
F. Cost of personnel and office operations directly involved with pollution prevention programs (including recycling programs);
G. Any facilities construction costs or maintenance costs primarily required to meet pollution prevention goals;

Excluding:

A. Research and development efforts associated with pollution prevention, which are covered under specific R&D program elements;
B. Normal infrastructure maintenance and repair to keep a system in good working order or system replacement as part of normal replacement cycles;
C. Activities funded in the Defense Business Operations Fund (DBOF), which are charged to the appropriate DBOF program elements;
D. Activities funded as part of a larger system acquisition program, which should be separately identified through cost accounting codes under the main system acquisition program element. For example, pollution prevention efforts included in the design of a new weapon system would be under the PE of the weapon system;
E. Base closure costs associated with these programs;
F. Activities funded within Family Housing program elements.

0401856F Environmental Compliance;X-94-6;;
Environmental Compliance includes actions to achieve and maintain full and sustained compliance with federal, state, and local environmental laws and regulations, Executive Orders, host nation regulations and DoD policies. Applies to workyears, training, travel, supplies, permits, fees, support equipment, service, and facilities (if the primary purpose is to comply with environmental standards) and the associated costs specifically identified and measurable to environmental compliance.

Funds all costs related to environmental compliance, including:

A. Recurring costs of environmental program management, daily operations and services, permits, fees, certifications, studies, and licenses; civilian workyears; education and training of environmental programs; hazardous waste management and disposal; sampling, analysis, monitoring and surveys; supplies, equipment, and travel.
B. Nonrecurring costs of projects/services required to bring DoD into compliance with environmental standards or comply with a notice of violation (Class I); to prevent DoD from failing to meet impending environmental standards (Class II); or to enhance the environment beyond legal requirements (Class III);

C. Pest management programs to meet FIFRA standards for pest management and pesticide storage, handling or use standards;
D. Overseas cleanup, as well as overseas compliance, efforts; and
E. Certification of innovative technology for DoD applications.

Excluding:

A. Efforts funded under Defense Environmental Restoration Account, Conservation, Pollution Prevention, BRAC or Occupational Health and Safety auspices;
B. Research and Development efforts associated with compliance, which are covered under specific R&D program elements;
C. Normal maintenance and repair to keep systems in working order, system replacement as part of normal replacement cycle; and normal installation operations (i.e. solid waste disposal including tipping fees, landfill operations, etc.); normal wastewater treatment plants, both domestic and industrial, which are appropriately included in base operations;
D. Upgrade/alteration of an industrial process undertaken for other than environmental purposes;
E. Environmental certification/licenses funded separately from mandatory requirements and training;
F. Routine pest control applications required to preserve structural integrity, properly charged to RPM and health applications, such as, mosquito control.

0401876F Minor Construction (RPM) - Airlift;X-91-3;;
Includes manpower authorizations, peculiar and support equipment, necessary faclities and the associated cost specifically identified and measurable to the following:

All construction costing less than the statutory maximum amount for a Minor Military Construction project as established by section 2805 of title 10 U.S.C. in support of airlift mobility forces.

0401878F Maintenance and Repair (RPM) - Airlift;X-91-3;;
Includes manpower authorizations, peculiar and support equipment, necessary faclities and the associated cost specifically identified and measurable to the following:

Maintenance and repair of real property, i.e., utilities, buildings, other facilities, pavements, (roads, parking areas, runways, etc.), land, and grounds. Includes, but not limited to, such things as repair of electrical circuitry, heating and air conditioning, water piping, and routine maintenance work such as caulking, painting, etc. in support of airlift mobility forces.

0401879F Real Property Services (RPS) - Mobility Forces;X-94-7;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs of

utility plant operations, purchased utilities, air conditioning and refrigeration, utility fuels, fire protection, crash rescue, snow removal and ice alleviation, entomological services, window glass replacement, elevator maintenance/inspection, custodial services, refuse collection and disposal, sewer and waste systems, rental of real property, facility engineering and public works management, other installation engineering services and other annual service requirements performed in-house or by contract.

0401890F Visual Information Activities-Airlift;X-6-06;
Funds Visual Information programs, consisting of the following subsets: Visual information (VI) productions and services and VI support.

Includes manpower authorizations and costs, travel, contractual services, procurement of supplies and materials, expense equipment, necessary facilities and the associated costs specifically identified, separable into "in-house" and "contract" portions, and measurable to the following airlift functions, as appropriate:

o VI Productions and Services. Produce or acquire VI productions (i.e., slide and slide-sound sets, film strips, multi-media, video disc, audio productions, combination media), and motion media with sound. Includes resources for scripting, preproduction, production, postproduction, libraries, duplication, distribution, production project management, and other related and associated services.

o VI Support. Provide VI operational (combat and technical) documentation, still and motion picture photography, video, audio, radio and television closed circuit and broadcasting (not Armed Forces Radio and Television Service (AFRTS)) services, graphic art, VI records centers, VI records holding facilities, presentation support, repair and maintenance, video teleconferencing terminals, related and associated services, and their supervision.

o Joint Visual Information Services (JVIS). Resources to operate and maintain JVIS production, depository, and distribution activities assigned by OASD(PA), as a joint mission for DoD.

Excludes VI management at command and component headquarters and OSD. Excludes technical documentation support not available from base VI services, integral to the mission of organizations supported, and identified in other program elements. VI equipment integral to technical documentation functions is also excluded. It does not include VI activities with discrete program elements such as: Armed Forces Radio and Television Service.

0401894F Real Property Maintenance - Airlift (H);X-93-2;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Real property maintenance at installations having a primary mission of supporting airlift mobility forces.

Maintenance and repair of all real property: utilities systems, buildings, other facilities, pavements (roads, parking areas, etc.), land (grounds).

Minor construction (with other than military construction funds).

Operation of utilities for all real property.

Other engineering support: fire protection, custodial services, entomology services, refuse collection and disposal, snow removal and ice alleviation, rental of real property, excluding payments to GSA, other installation

engineering services.

Includes all resources in functional categories 9, 10, 11 and 12 as defined in DoD Instruction 7220.20. Also includes all resources (except manpower and military pay) used by groups/units assigned to specific BOS tasks on an ad hoc basis such as RED HORSE units assigned to repair/construct facilities, roads, parking areas, etc., even if the work is classified as a military unit training project.

Excludes costs of maintaining family housing. See PE 08087460, Family Housing Maintenance.

0401895F Command and Base Communications - AMC;X-94-5;;
Includes the DCS and non-DCS communications resources, as applicable, required to support MAC base communications, AMC Integrated Management System, and AMC command networks. Included are procurement, construction, and operations resources for base telephone systems, intra-base radio systems, wire communications services, official telephone tolls, TWX usage and commercial refile charges, and any other base level commercial communications requirements.

Excludes DCS switched network support included in PEs 0303112F and 0303126F; the communications support requirements financed through the DBOF-T; and Management Headquarters Resources (PE 0303198F).

0401896F Base Operations - Airlift;X-95-1;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following functional categories of effort:

Administration: Installation Headquarters Administration and Command (including squadron level responsible for Base Operations), Installation Comptroller Services, Installation ADP Services, Installation Information Activities, Installation Legal Activities, Civilian Personnel Administration, Installation Military Personnel, Administration Installation Printing and Reproduction, Installation Safety, Installation Management Analysis/Management Engineering.

Retail Supply Operations: Installation Supply Activities, Installation Procurement Operation, Installation Storage Activ ities.

Maintenance of Installation Equipment: (Includes maintenance of administrative aircraft, vehicles and equipment; but excludes maintenance of tactical equipment, combat vehicle and mission aircraft).

Other Base Services: Installation Transportation Activities, Installation Training (excludes Troop training and tactical exercise). Installation Physical and Police Activities, Laundry and Dry Cleaning (for troop support and other appropriated fund activities). Installation AirField/Air Base Operations (control tower, weather, flight service, etc.) Installation Restoration.

Bachelor Housing Operations and Furnishing: (management; housing assignment, care of quarters, provisions, care preservation and maintenance of furnishings, etc.)

Other Personnel Support: Food Service; Social Action; Community Service; Chaplain Services; Bands; Morale, Welfare and Recreation.

Excluded are the following functional categories which are a part of the standard definition of Base Operating

Support, but are reported under separate PEs: Real Property Services, Minor Construction, Maintenance and Repair, Base Communications, Commissary Operations (Retail and Troop Issue), Station Hospitals, Medical and Dental Clinics and Dispensaries, Family Housing.

0401897F Training;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: Operating costs of aircraft used in training, field maintenance, organizational maintenance, and permanent party student authorizations.

Excludes aircraft procurement (investment) costs identified with mission elements, training identified to Program 8, and indirect support aircraft accounted for in base operations elements in this program.

0401898F Management Headquarters (Airlift) (NON-DBOF);X-94-5;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities, and the associated costs specifically identified and measurable to the following:

Air Mobility Command (AMC): Hq AMC, Hq 21st Air Force, Hq 22nd Air Force

Excludes nonmanagement headquarters resources, WWMCCS ADP.

0401998F Management Headquarters (Airlift) (IF) (H);X-92-3;
Includes military and civilian personnel assigned to Headquarters, Military Airlift Command and numbered air forces, if applicable, engaged in the management and administration of Airlift Service Industrial Fund (ASIF) activities.

Military Airlift Command (MAC): HQ MAC: HQ 21st Air Force, HQ 22nd Air Force.

0402111N Troop Transport (Military Manned) (IF) (H);;

0402112N Troop Transport (Civilian Manned) (IF) (H);;

0402113N Cargo -Vehicle (RO/RO) (IF) (H);X-95-3;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: Vehicle Cargo Ships (T-LSV), Also includes 17 percent pipeline support personnel (sick, leave, replacement).

0402114N Cargo - Other (IF) (H);;

Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Cargo Ships - Large (T-AK), Cargo Ships - Medium (T-AK), Cargo Ships - Attack (T-AKA), Cargo Ships - Dock (T-AKD), Cargo Ships - Light (T-AKL), Cargo Ship and Aircraft Ferry (T-AKV), Store Ships - Medium (T-AF), Store Ships - Small (T-AF), Small Coastal Transports (T-APC), Medium Landing Ships (T-LSM), Tank Landing Ships (T-LST)

Also includes 17 percent pipeline support personnel (sick, leave, replacement).

Excludes fleet cargo carriers (see appropriate elements in Program 2).

0402115N Fast Deployment Logistics Ships (IF) (H);;

0402116N Forward Floating Depot (IF) (H);;

0402117N Tankers (IF) (H);;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Oilers (AO), Gasoline Tankers (AOG)

Also includes 17 percent pipeline support personnel (sick, leave, replacement).

Excludes similar ships assigned to Underway Replenishment Ships element in Program 2.

0402118N Project Ships (IF) (H);X-95-3;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Joint Army/Navy/Air Force Program Ships and Classified Projects (Non-Navy) Ships. Includes all Industrial Fund operating costs associated with the forces excluded below. Includes 17 percent pipeline support personnel (sick, leave, replacement).

Excludes oceanographic survey missions (see Oceanography element in Program 3); auxiliary ships specifically identified with charting missions (see Mapping, Charting and Geodesy element in program 3); ships chargeable to R&D (see RDT&E ships element in program 6); ships especially configured for the Polaris program (see FMB System element in program 1); and designated project ships having a Navy sponsor which are assigned to appropriate elements throughout the structure.

0402119N Passenger Movement (Commercial) (IF) (H);;

0402120N MSC Support - Mobility Enhancement (IF) (H);X-95-3;;

Includes the civilian mariner personnel and associated dollars to support mobility forces included in Program element 0208034N, i.e., Near Term Positioning and Marine Mobility Surge Force and the MSCO Indian Ocean.

0402121N Cargo - Vehicle (RO/RO) (Commercial) (IF);;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: Costs only for the service rendered by a commercial enterprise in meeting vehicle cargo movements that cannot be met by MSC cargo ships. Commercial augmentation of the MSC cargo-vehicle RO/RO mission.

0402122N Cargo - Other (Commercial) (IF) (H);;
Includes costs only for commercial augmentations of general cargo ships which are required in meeting abnormal requirements that cannot be met by assigned Navy fleet cargo ships.

0402123N POL Movements (Commercial) (IF)(H);;
Includes costs only for commercial tanker augmentations necessary in meeting fluctuating requirements which cannot be met by the Navy Fleet ships.

0402124N Commercial Tanker -Charted (IF);;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: Chartered Bareboat (minimum of 7 years) Tankers.

Excludes similar ships of Underway Replenishment Ships element in program 2; and oilers (AO) and Gasoline Tankers (AOG) (see Tankers (IF) element in this program).

0402126N Commercial RO/RO (Bareboat) (IF) (H);;
Includes costs only of long-term commercial lease for chartered bareboat roll-on/roll-off ships.

0402127N Military Sealift Support - WWMCCS Information Systems (IF) (H);X-1-005;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the Military Sealift Command - WWMCCS Support which is directly funded from PE 0303152N (Worldwide Military Command and Control Systems Information System. The offsetting revenue program element is 0402199N (Revenues (Military Sealift Command) (IF)).

0402167N Military Sealift Command Area Headquarters (H);X-95-3;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Sealift Command - Atlantic Hq (MSCLANT), Sealift Command - Pacific Hq (MSCPAC), Sealift Command - Eastern Atlantic/Mediterranean Hq (MSCELM)), Port Offices, Port Representatives.

Excludes Management headquarters resources.

0402198N Management Headquarters (Sealift) (IF) (H);X-95-3;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: Military Sealift Command (MSC) Headquarters.

Excludes nonmanagement headquarters resources (refer DoDD 5100.73).

0402199N Revenues (Military Sealift Command) (IF) (H);X-94-3;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: Revenues received for goods or services furnished by any of the MSC industrially funded activities. Also includes the annual net gain or loss attributed to these activities.

0403111A Port Terminal Operations (Military) (IF) (H);X-92-4;;

04031110 (F,N) Port Terminal Operations (Military) (IF);X-94-5;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: CONUS Military Ocean Terminals assigned to MTMC and other common user military terminals operating under ISSA with MTMC, for cargo trans-shipment services, and related cargo auxiliary missions. This is primarily an Army program element but other Services will use it to report their personnel assigned to MTMC or detailed to military terminals.

Excludes support costs such as general and administrative overhead, maintenance services and management information systems; and costs and personnel for cargo moving over commercial facilities.

0403112A Port Terminal Operations (Commercial)(IF) (H);X-92-4;;
Includes manpower authorizations and costs incurred by MTMC in connection with the movement of cargo through a port terminal being operated under commercial contract or on a normal terminal tariff basis.

Excludes support costs such as general and administrative overhead, maintenance services and management information systems, and costs and personnel for cargo moving over military terminals.

04031130 (A,F,N) Traffic Management (IF) (H);X-92-4;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specificaly identified and measurable to the following: Military traffic management functions performed by MTMC,

including Area Commands directly involved in military traffic management, and all functions performed by the Transportation Engineering Agency. This is primarily an Army program element but other Services will use it to report their military personnel assigned to MTMC and detailed to Traffic Management.

Excludes support costs such as general and administrative overhead, maintenance services, and management information systems; and other than traffic management personnel in Management Hqs (see PE 0403198A).

0403114A Defense Freight Railway Interchange Fleet (DFRIF)(IF) (H);X-92-4;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

DFRIF - railcar maintenance and repair, DFRIF - rail car in-leasing, DFRIF - rail car excess mileage, DFRIF - costs for administration and supervision of the rail car operations.

Excludes costs specifically identified to the industrial fund mission and support elements and MTMC Headquarters.

0403168A Revenues (MTMC)(IF) (H);X-92-4;;
Includes IF revenues (minus entry) received from customers purchasing goods or services furnished by the industrially-funded activities identified with MTMC. Also includes the net annual operating gain or loss for these activities.

0403193A Revenues (Real Prop. Maint.-Traffic Management)(IF) (H);X-92-4;;
Includes the revenues (minus entry) received for goods and services sold by the activities in IF program element 0403194A. Also includes the net annual operating gain or loss for these activities.

0403194A Real Property Maintenance-Traffic Management (IF) (H);X-92-4;;
Includes manpower authorizations, peculiar and support equipment, specifically identified and measurable to the following:

Real property maintenance at fixed telecommunications installations. Maintenance and Repair of all real property, utilities systems, buildings, other facilities, pavements (roads, parking areas, etc.), land (grounds), Minor construction (with other than military construction funds).

Includes all resources in functional categories 9, 10, 11 and 12 as defined in DoD Instruction 7220.20. Also includes all resources (except manpower and military pay) used by groups/units assigned to specific BOS tasks on an ad hoc basis such as Army engineer units assigned to repair/construct facilities, roads, parking areas, etc., even if the work is classified as A military unit training project.

Excludes costs of maintaining family housing. See PE 08087460, Family Housing Maintenance. Excludes Environmental Compliance (separate PEs).

0403196A Base Operations - Traffic Management (IF) (H);X-92-4;;

Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following functional categories of effort at fixed Military Traffic Command installations:

Administration Installation Headquarters Administration and Command (including squadron level responsible for Base Operations); Installation Comptroller services; Installation ADP services; Installation Information Activities; Installation Legal Activities; Installation Civilian Personnel Administration; Installation Military Personnel Administration; Installation Printing and Reproduction; Installation Safety; Installation Management Analysis/Management Engineering; Retail Supply Operations; Installation Supply Activities; Installation Procurement Operations; Installation Storage Activities. Maintenance of Installation Equipment (includes maintenance of administrative aircraft, vehicle and mission aircraft); Other Base Services; Installations Transportation Activities installation Training (excludes troop training and tactical exercises); Installation physical Security and Police Activities; Laundry and Dry Cleaning (for troop support and other appropriated fund activities); Bachelor Housing Operations and Furnishings (management; housing assignment; care of quarters; provisions, care, preservation and maintenance of furnishings, etc.); Other Personnel Support; Food Service; Social Action Community Services; Chaplains; Bands (excluding The Army Band and Division Bands); Morale, Welfare and Recreation.

Operation of utilities for all real property. Other engineering support: fire protection custodial services; entomology services; refuse collection and disposal; snow removal and ice alleviation; rental of real property (excluding payment to GSA); other installation engineering services.

Excludes the following functional categories which are part of the standard definition of Base Operations Support, but are reported under separate PEs:

Maintenance and Repair of Real Property; Minor Construction; Base Communications Commissary Operations: Retail and Troop; Issue Station Hospitals; Medical and Dental Clinics and Dispensaries; Family Housing.

0403197A Revenues (Base Operations-Traffic Management)(IF) (H);X-92-4;;
Includes the revenues (minus entry) received for goods and services sold by the activities in IF program element 0403196A. Also includes the net annual operating gain or loss for these activities.

0403198A Management Headquarters (Traffic Management) (IF) (H);X-1-006;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Military Traffic Management Command (MTMC) Hq

Excludes nonmanagement headquarters resources (refer DoDD 5100.73), and WWMCCS ADP.

0403199A Revenues (Mgt Hqs) (Traffic Mgt) (IF) (H);X-9-01;
Includes total industrial fund revenues (minus entry) received from customers purchasing goods or services furnished by the industrially-funded activities identified with Management headquarters (Traffic Management). Also includes the net annual operating gain or loss for this activity.

0403211A Transportation Engineering (H);;

0404011F Special Operations Forces;X-3-06;
Includes manpower, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to all specialized and uniquely designated forces in use or intended for use in any level of conflict with the primary mission to perform special operations to include unconventional warfare and those aspects of foreign internal defense and psychological operations performed by those forces. Includes the USAF Special Operations School.

Excludes training identified to Program 8.

0404102F Aerospace Rescue and Recovery;X-3-06;
Includes manpower, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Aerospace Rescue and Recovery Service; Aircraft Squadrons/Detachments; Field Maintenance; Organizational Maintenance; NASA Space Activity Support.

Excludes base and mission support.

0406029A Army Strategic Mobility Program (ASMP);X-95-3;;
Includes manpower, funds, equipment and facilities specifically identified and measurable to rapid power projection of CONUS-based forces, with capability of immediately deploying and sustaining a five division corps to any emergency crisis world wide. Includes funding to enhance movement of equipment and supplies in CONUS and for improvements to the afloat prepositioning program. Provides for deployment training, upgraded deployment outload facilities, container procurement, afloat prepo ship operation, and maintenance of equipment. Prepo facilities and staging facility for Southwest Asia are also included. Includes manpower, funds, equipment and facilities specifically identified and measurable to design, programming, operation and maintenance of movement management, intransit visibility and cargo control during deployment. Includes all automation resources necessary to develop and maintain systems supporting Army strategic mobility.

0406030A War Reserve Materiel - Ammunition;X-95-3;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to procuring and maintaining ammunition war reserve stockpiles.

0406037A Prepositioned Equipment Configured in Unit Sets (POMCUS) ;X-95-3;;
Includes manpower authorizations; tactical unit, peculiar and support equipment; necessary storage and maintenance facilities; and associated costs specifically identified and measurable to the following: Storage and maintenance of tactical unit equipment in Europe configured in unit sets for immediate issu e to deploying units. Includes modification or reconfiguration of unit sets as required by changes in approved organization and doctrine. Includes POMCUS caretaker units, maintenance supplies and end items.

Excludes costs properly chargeable to JCS exercises.

0406045A End Item Industrial Preparedness Activities;X-95-3;
Includes manpower authorizations, peculiar and support equipment, necessary facilities, and associated costs specifically identifiable to management of end items industrial preparedness activities.

04080100 (DA,DF,DN,DBE) Transportation;X-92-1;;
Includes manpower authorizations, peculiar and support equipment and the associated direct and indirect costs specifically identified and measurable to the traffic management and movement of cargo and troops by air sea or on land.

04080200 (A,F,M,N,DA,DF,DM,DN) Service Support to USTRANSCOM;X-93-1;;
Includes military personnel support (military personnel and associated military personnel costs) to the U.S Transportation Command.

0408025M Maritime Prepositioning Forces;X-95-3;;
Includes manpower authorizations, support equipment, necessary facilities and support costs specifically identifiable and measurable to logistics and maintenance operations for equipment and supplies prepositioned on the thirteen Maritime Prepositioning Ships.

0408026M Norway Geo-Prepositioning;X-95-3;;
Includes manpower authorizations, support equipment, necessary facilities and support costs specifically identifiable and measurable to logistics and maintenance operations for equipment and supplies prepositioned in Central Norway for Marine Forces.

Excludes costs associated with Supply Operations (0701111M); Inventory Control Point Operations (0701112M); and Real Property Maintenance elements.

0408034N Mobility Enhancement;X-95-3;;
Includes resources for the prepositioning of equipment, ammunition, supply and support equipment essential to support combat operations around the world. Prepositioned ships include the Maritime Prepositioning Ships (MPS), Afloat Prepo Hospital and Naval Support Element (NSE) to support offload of ships in littoral environment. Includes civilian manpower costs, operation and maintenance costs, and related costs to operate the ships.

0408036N Sealift Enhancement (Surge);X-95-3;
Provides resources to maintain government owned merchant ships in various reduced operating status (ROS) for utilization in the sealift augmentation role during contingency/surge and wartime situations. Funding includes

both maintenance and upgrade costs for:Fast Sealift Ships (FSS); Large, Medium Speed Roll-on/Roll-off ships (LMSR), Hospital Ships (T-AH), and the Aviation Logistics Support Ships (T-AVB). Includes costs of operating ships in ROS only.

Additionally, funds sealift support programs including: storage and maintenance of flatracks, seasheds and material handling equipment under the Merchant Ship Naval Augmentation Program; Offshore Petroleum Discharge System (PDS) training, storage and maintenance; amphibious lighterage and Logistics-over-the-Shore (LOTS) training and lessons learned.

0408042N National Defense Sealift Fund;X-95-3;;
Provides a revolving fund to centralize sealift financial assets in a single, centrally managed fund to be optimally applied to sealift requirements. Funding categories include sealift ship procurement, maintenance and operating costs for DoD sealift vessels and Ready Reserve Force, national defense features, and research and development for future sealift ships. Also provides a mechanism for addressing sealift needs as markets and threats change to be able to take advantage of commercial nature of sealift and purchase ships under favorable market conditions.

0408080F USTRANSCOM C4 Systems;X-92-4;;
Provides for funding support for USTRANSCOM's C4 hardware acquisition, software development and operations/maintenance. Maintains the funds necessary for USTRANSCOM to implement its charter as specified in the Goldwater - Nichols Act to integrate DOD transportation/distribution related C4 systems used within the Defense Transportation Coordinator - Automated Information for Movement (TC-AIMS) family of systems employed to manage combat force planning and movements worldwide within the Joint Operations Planning and Execution System.

04080980 (A,F,M,N) Management Headquarters (USTRANSCOM);X-7-08;
Includes manpower authorizations, peculiar and support equipment, and the associated costs specifically identified and measurable to the operation of USTRANSCOM Headquarters with respect to the following:

Worldwide strategic mobility planning, ADP systems integration and centralized wartime traffic management.

Excludes nonmanagement headquarters resources.

0408625F Industrial Fund and Stock Fund Support (H);X-92-4;;
This PE reflects funding requirements necessary to align appropriate funds requested in customer accounts and Industrial and Stock Fund activities pricing.

Military and civilian authorizations will be associated with this PE.

04087190 (A,F,M,N) Child Development;X-93-3;
Includes manpower authorization, facilities, supplies and support equipment and associated costs specifically identified and measurable to the intellectual, social, emotional and physical development of children. The

primary sources are child development centers and family child care/family day care home which are government quarters, owned or leased.

04087200 (A,F,M,N) Family Centers;X-93-3;
Includes manpower authorization, facilities, supplies and support equipment and associated costs specifically identified and measurable to the Services and includes:

Spouse employment, relocation assistance, crisis referral and aid for families, financial management planning, information concerning family support resources, and services for families with special needs.

0501111F F-86 Squadrons (H);;

0501112F F-89 Squadrons (H);;

0501113F F-100 Squadrons (H);;

0501114F F-102 Squadrons (ANG) (H);;
Includes manpower authorizations, peculiar and support equipment necessary facilities and the associated costs specifically identified and measurable to the following: Wing Headquarters, Fighter Group Headquarters, Fighter Interceptor Squadrons, Consolidated Aircraft Maintenance Squadrons, Supply Squadrons, Tactical Hospital/USAF Dispensaries, Weapons System Security.

Excludes Flying Training (see Training element in this programs.)

0501115F F-104 Squadrons (H);;

0501117F F-101 Squadrons (ANG) (H);X-5-03;
Includes manpower authorizations, peculiar and support equipment necessary facilities and the associated costs specifically identified and measurable to the following: Wing Headquarters, Fighter Group Headquarters, Fighter Interceptor Squadrons, Consolidated Aircraft Maintenance Squadrons, Supply Squadrons, Tactical Hospital/USAF Dispensaries, Weapons System Security.

Excludes Flying Training (see Training element in this programs.)

0501118F Defense System Evaluation Squadron (H);;

0501119F F-101/F-102 Combat Crew Training School (CCTS) (ANG) (H);;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the Combat Crew Training Group:

Combat Crew Training Squadron, Consolidated Aircraft Maintenance Squadron, Combat Operations Support, Supply Squadron, Tactical Dispensary, Communications Flight (Support).

0501120F F-106 Squadrons (ANG) (H);X-92-3;

Includes manpower authorizations, peculiar and support equipment necessary facilities and the associated costs specifically identified and measurable to the following: Wing Headquarters, Fighter Group Headquarters, Fighter Interceptor Squadrons, Consolidated Aircraft Maintenance Squadrons, Supply Squadrons, Tactical Hospital/USAF Dispensaries, Weapons System Security.

Excludes Flying Training (see Training element in this programs.)

0501123F EB-57 Squadrons (ANG) (H);X-5-03;
Includes manpower authorizations, peculiar and support equipment necessary facilities and the associated costs specifically identified and measurable to the following: Group Headquarters, Defense System Evaluation Squadron, Consolidated Aircraft Maintenance Squadron, Supply Squadron, Combat Support Squadron, Civil Engineer Flight and USAF Clinic.

Excludes Flying Training (see Training element in this programs.)

0501124F F-4 Fighter Interceptor Squadrons (ANG);;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Fighter group headquarters; fighter interceptor squadrons; consolidated aircraft maintenance squadrons; supply squadrons; tactical hospitals/USAF dispensaries; and weapons system security.

Excludes flying training.

05011890 (A,F,M,N) Counterdrug Reserve OPTEMPO;X-94-2;;
Captures the Reserve and National Guard portion of the DOD OPTEMPO program (flight hours/ship steaming days/ground training) specifically identified and measurable to the support of the Counterdrug Program. Only projects approved by the Secretary of Defense will be included. Includes OPTEMPO associated with Title 10 and 32.

0501196F Base Operations - (Offensive) (AFR) (H);X-95-3;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following functional categories of effort:

Administration: Installation Headquarters Administration and Command (including squadron level responsible for Base Operations), Installation Comptroller Services, Installation ADP Services, Installation Information Activities, Installation Legal Activities, Civilian Personnel Administration, Installation Military Personnel, Administration Installation Printing and Reproduction, Installation Safety, Installation Management Analysis/Management Engineering.

Retail Supply Operations: Installation Supply Activities, Installation Procurement Operation, Installation Storage Activ ities.

Maintenance of Installation Equipment: (Includes maintenance of administrative aircraft, vehicles and equipment;

but excludes maintenance of tactical equipment, combat vehicle and mission aircraft).

Other Base Services: Installation Transportation Activities, Installation Training (excludes Troop training and tactical exercise). Installation Physical and Police Activities, Laundry and Dry Cleaning (for troop support and other appropriated fund activities). Installation AirField/Air Base Operations (control tower, weather, flight service, etc.) Installation Restoration.

Bachelor Housing Operations and Furnishing: (management; housing assignment, care of quarters, provisions, care preservation and maintenance of furnishings, etc.)

Other Personnel Support: Food Service; Social Action; Community Service; Chaplain Services; Bands; Morale, Welfare and Recreation.

Excluded are the following functional categories which are a part of the standard definition of Base Operating Support, but are reported under separate PEs: Real Property Services, Minor Construction, Maintenance and Repair, Base Communications, Commissary Operations (Retail and Troop Issue), Station Hospitals, Medical and Dental Clinics and Dispensaries, Family Housing.

0501198F Management Headquarters (Strategic Forces);X-1-006;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to mobilization assignees allocated in support of Strategic Air Command: HQ SAC, HQ 8th Air Force, HQ 15th Air Force, Aerospace Defense Center (ADC) HQs, Alaskan Air Command HQ AAC.

Excludes nonmanagement headquarters resources.

0501216F F-16 Air Defense Squadrons (ANG);X-2-002;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Fighter group headquarters, fighter interceptor squadrons; consolidated aircraft maintenance squadrons; supply squadrons; tactical hospitals/USAF dispensaries; and weapons systems security.

Excludes flying training.

0501217F F-15 Air Defense Squadrons (ANG);X-3-02;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: Fighter group headquarters, fighter interceptor squadrons; consolidated aircraft maintenance squadrons; tactical hospitals/USAF dispensaries; and weapons system security.

0501218F Air Defense Competitive Aircraft (ANG) (H);X-9-02;
Includes manpower authorization, peculiar and common support equipment, spares, operating and support costs,

facilities costs, and all necessary funds to support the follow-on air defense aircraft.

0501296F Base Operations - (Defensive) (AFR) (H);X-95-3;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following functional categories of effort:

Administration: Installation Headquarters Administration and Command (including squadron level responsible for Base Operations), Installation Comptroller Services, Installation ADP Services, Installation Information Activities, Installation Legal Activities, Civilian Personnel Administration, Installation Military Personnel, Administration Installation Printing and Reproduction, Installation Safety, Installation Management Analysis/Management Engineering.

Retail Supply Operations: Installation Supply Activities, Installation Procurement Operation, Installation Storage Activ ities.

Maintenance of Installation Equipment: (Includes maintenance of administrative aircraft, vehicles and equipment; but excludes maintenance of tactical equipment, combat vehicle and mission aircraft).

Other Base Services: Installation Transportation Activities, Installation Training (excludes Troop training and tactical exercise). Installation Physical and Police Activities, Laundry and Dry Cleaning (for troop support and other appropriated fund activities). Installation AirField/Air Base Operations (control tower, weather, flight service, etc.) Installation Restoration.

Bachelor Housing Operations and Furnishing: (management; housing assignment, care of quarters, provisions, care preservation and maintenance of furnishings, etc.)

Other Personnel Support: Food Service; Social Action; Community Service; Chaplain Services; Bands; Morale, Welfare and Recreation.

Excluded are the following functional categories which are a part of the standard definition of Base Operating Support, but are reported under separate PEs: Real Property Services, Minor Construction, Maintenance and Repair, Base Communications, Commissary Operations (Retail and Troop Issue), Station Hospitals, Medical and Dental Clinics and Dispensaries, Family Housing.

0501305F Operational Headquarters (1st Air Force);X-94-6;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified in and measurable to 1st Air Force and the three defense sectors aligned under the Numbered Air Force (NAF).

Excludes air defense forces (PE 0501217F and 0501216F) and the NE Air Defense Sector (NEADS) BOS 0505296F.

0501311F Command Control and Warning (ANG);;
Includes manpower authorizations, peculiar and support equipment necessary facilities and the associated costs specifically identified and measurable to fixed AC&W Squadrons.

0501312F Airborne Early Warning and Control Systems (AFR) (H);X-5-03;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to Aircraft Squadrons (AEW&C). Squadron includes maintenance, security, and support capability, drill pay spaces, and air reserve technician authorizations. Unit performs airborne radar surveillance and tactical control of air defense weapons in support of Global Aerospace Defense and JCS-directed areas in accordance with applicable contingency plans.

0501313F Surveillance Radar Stations/Sites (AFR) (H);X-5-03;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to mobilization assignees with assignment to Search Radar Stations, GAP-Filler Radar Stations, and Ground/Air Radio facilities.

0501314F Region Control Centers (AFR);;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to mobilization assignees with mobilization assignments to the Regional Control Center.

Excludes all Defense Communications System (DCS) and non-DCS communications resources.

0501396F Base Operations - Space Command (AFR) (H);X-95-3;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following functional categories of effort:

Administration: Installation Headquarters Administration and Command (including squadron level responsible for Base Operations), Installation Comptroller Services, Installation ADP Services, Installation Information Activities, Installation Legal Activities, Civilian Personnel Administration, Installation Military Personnel, Administration Installation Printing and Reproduction, Installation Safety, Installation Management Analysis/Management Engineering.

Retail Supply Operations: Installation Supply Activities, Installation Procurement Operation, Installation Storage Activ ities.

Maintenance of Installation Equipment: (Includes maintenance of administrative aircraft, vehicles and equipment; but excludes maintenance of tactical equipment, combat vehicle and mission aircraft).

Other Base Services: Installation Transportation Activities, Installation Training (excludes Troop training and tactical exercise). Installation Physical and Police Activities, Laundry and Dry Cleaning (for troop support and other appropriated fund activities). Installation AirField/Air Base Operations (control tower, weather, flight service, etc.) Installation Restoration.

Bachelor Housing Operations and Furnishing: (management; housing assignment, care of quarters, provisions, care preservation and maintenance of furnishings, etc.)

Other Personnel Support: Food Service; Social Action; Community Service; Chaplain Services; Bands; Morale, Welfare and Recreation.

Excluded are the following functional categories which are a part of the standard definition of Base Operating Support, but are reported under separate PEs: Real Property Services, Minor Construction, Maintenance and Repair, Base Communications, Commissary Operations (Retail and Troop Issue), Station Hospitals, Medical and Dental Clinics and Dispensaries, Family Housing.

0501411F KC-135 Squadrons (ANG);;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Air Refueling Wing Headquarters, Air Refueling Group Headquarters, Air Refueling Squadrons, Consolidated Aircraft Maintenance Squadrons, Supply Squadrons, Combat Support Squadrons, Weapons System Security, Tactical Hospital Squadrons/USAF Dispensaries, Advanced Flying Training conducted in KC-135 Squadrons.

0501412F KC-97 Squadrons (ANG) (H);X-80-004;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Air Refueling Wing Headquarters, Air Refueling Group Headquarters, Air Refueling Squadrons, Combat Support Groups Squadrons, Consolidated Aircraft Maintenance Squadrons, Tactical Hospitals/Tactical Clinics, Mobility Support Flights, Weapons System Security Flights, Civil Engineering Flights, Communications Flights, Air National Guard Drill Pay, Air Technicians and Active Duty Advisors.

0501421F KC-135 Squadrons (AFR-EQ) ;X-95-1;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Air Refueling Wing Headquarters, Air Refueling Group Headquaeters, Air Refueling Squadrons, Consolidated Aircraft Maintenance Squadrons, Combat Support Squadrons, Weapons System Security, Tactical Hospital Squadrons/USAF Dispensaries, Advanced Flying Training conducted in KC-135 Squadrons.

0501422F KC-135 Squadrons (AFR-Associate);X-95-1;
Includes manpower authorizations, peculiar and support equipment, necessary facilities, and the associated costs specifically identified and measurable to the following:

Air Refueling Squadrons, Consolidated Aircraft Maintenance Squadrons, Combat Support Squadrons, Weapons System Security, Tactical Hospital Squadrons, USAF Dispensaries, Drill Pay Spaces and Air Reserve Technician Authorizations.

0501611N Support Ships (FBM);X-78-008;

Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Mobilization Reserves: NR Submarine Tender - AS

0501627F B-52 Squadrons (ANG) ;X-93-1;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Wing Headquarters, Bombardment Squadrons, Avionics Maintenance, Organizational Maintenance, Munitions Maintenance, Weapons System Security, tactical hospital squadrons,USAF dispensaries, advanced flying training conducted in B-52 squadrons.

0501628F B-1B Squadrons (ANG);X-93-1;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Wing Headquarters, Bombardment Squadrons, Avionics Maintenance, Organizational Maintenance, Munitions Maintena nce, Weapons System Security, tactical hospital squadrons,USAF dispensaries, advanced flying training conducted in B-1B squadrons.

0501631N Operational Headquarters (Fleet Ballistics Missile);X-78-008;
Includes manpower authorizations, peculiar and support equipment, necesary facilities and the associated costs specifically identified and measurable to the following:

Mobilization Reserves: NR Commander - Submarine Group, NR Commander - Submarine Squadron

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0501720F B-52 Squadrons (AFR);X-93-1;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Wing Headquarters, Bombardment Squadrons, Avionics Maintenance, Organizational Maintenance, Munitions Maintenance, Weapons System Security, tactical hospital squadrons,USAF dispensaries, advanced flying training conducted in B-52 squadrons.

0501801A NIKE-HERCULES (ARNG) (H);;

0501802A NIKE-AJAX (ARNG) (H);;

0501928A Service Support to FEMA (AR);;

Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: U.S. Army Reserve manpower with a mobilization mission to support FEMA.

0502013A Non-Divisional Combat Units (AUS) (H);X-78-003;
Includes units over and above the existing Active and Reserve Forces required by the Army in wartime, but maintained at zero strength in peacetime. Selected initial equipment is procured and included in war reserves for use by such units when activated. Type units included in this program element are:

Armored Cavalry Squadrons, Infantry Pathfinder Units, Field Artillery Battalions, Combat Engineer Battalions, Assault Helicopter Unit.

0502018A Division Forces - Logistics Support (AUS) (H);X-78-003;
Includes units over and above the existing Active and Reserve Forces required by the Army in wartime, but maintained at zero strength in peacetime. Selected initial equipment is procured and included in war reserves for use by such units when activated. Type units included in this program element are:

Field Depots, Support Groups, Engineer Construction Units, Chemical Service Units, Ammunition Units, Service and Supply Units, Maintenance Units, Transportation Units.

05020200 (A,F,M,N) Desert Shield Callup (Section 673b);;

0502031N War Reserve Materiel - Equipment/Secondary Items;X-5-04;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to procuring and maintaining equipment/secondary item war reserve stockpiles for the Naval Reserve.

0502032N Stock-Funded War Reserve Materiel (Service-Controlled);X-5-04;
Includes procurement costs of stock-funded war reserves of Service-managed items of prepositioned war reserve stocks (PWRS) and other war reserve stocks (OWRS) and DLA-managed items as PWRS for the Naval Reserve.

0502190N Visual Information Activities-Tactical;X-6-06;
Funds Visual Information programs, consisting of the following subsets: Visual information (VI) productions and services and VI support.

Includes manpower authorizations and costs, travel, contractual services, procurement of supplies and materials, expense equipment, necessary facilities and the associated costs specifically identified, separable into "in-house" and "contract" portions, and measurable to the following tactical functions, as appropriate:

o VI Productions and Services. Produce or acquire VI productions (i.e., slide and slide-sound sets, film strips, multi-media, video disc, audio productions, combination media), and motion media with sound. Includes resources for scripting, preproduction, production, postproduction, libraries, duplication, distribution, production project management, and other related and associated services.

o VI Support. Provide VI operational (combat and technical) documentation, still and motion picture photography, video, audio, radio and television closed circuit and broadcasting (not Armed Forces Radio and Television Service (AFRTS)) services, graphic art, VI records centers, VI records holding facilities, presentation support, repair and maintenance, video teleconferencing terminals, related and associated services, and their supervision.

o Joint Visual Information Services (JVIS). Resources to operate and maintain JVIS production, depository, and distribution activities assigned by OASD(PA), as a joint mission for DoD.

Excludes VI management at command and component headquarters and OSD. Excludes technical documentation support not available from base VI services, integral to the mission of organizations supported, and identified in other program elements. VI equipment integral to technical documentation functions is also excluded. It does not include VI activities with discrete program elements such as: Armed Forces Radio and Television Service.

0502196N Base Operations - Other Base Support;X-95-1;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following functional categories of effort:

Administration: Installation Headquarters Administration and Command (including squadron level responsible for Base Operations), Installation Comptroller Services, Installation ADP Services, Installation Information Activities, Installation Legal Activities, Civilian Personnel Administration, Installation Military Personnel, Administration Installation Printing and Reproduction, Installation Safety, Installation Management Analysis/Management Engineering.

Retail Supply Operations: Installation Supply Activities, Installation Procurement Operation, Installation Storage Activ ities.

Maintenance of Installation Equipment: (Includes maintenance of administrative aircraft, vehicles and equipment; but excludes maintenance of tactical equipment, combat vehicle and mission aircraft).

Other Base Services: Installation Transportation Activities, Installation Training (excludes Troop training and tactical exercise). Installation Physical and Police Activities, Laundry and Dry Cleaning (for troop support and other appropriated fund activities). Installation AirField/Air Base Operations (control tower, weather, flight service, etc.) Installation Restoration.

Bachelor Housing Operations and Furnishing: (management; housing assignment, care of quarters, provisions, care preservation and maintenance of furnishings, etc.)

Other Personnel Support: Food Service; Social Action; Community Service; Chaplain Services; Bands; Morale, Welfare and Recreation.

Excluded are the following functional categories which are a part of the standard definition of Base Operating Support, but are reported under separate PEs: Real Property Services, Minor Construction, Maintenance and Repair, Base Communications, Commissary Operations (Retail and Troop Issue), Station Hospitals, Medical and Dental Clinics and Dispensaries, Family Housing.

0502198N Management Headquarters (LANTCOM);X-78-014;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Mobilization Reserves: NR Commander-in-Chief Atlantic, NR Commander-in-Chief Eastern Atlantic, NR Commander Caribbean Command, NR Commander Iceland Defense Force, NR Joint Unconventional Warfare

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0502298N Management Headquarters (PACOM);X-78-014;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Mobilization Reserves: NR Commander-in-Chief Pacific.

0502305N Attack Carriers (H);;
Includes manpower authorizations,peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Ship Reinforcement Units (SRU): CVA, Drill Pay Authorizations

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0502306N Multi-Purpose Aircraft Carriers;X-80-003;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Selected Reserve Units: NR Aircraft Carriers (CV), NR Aircraft Carriers, Nuclear Propulsion (CVN)

0502310N Attack Squadrons (H);;

0502311N A-4 Squadrons (H);X-80-004;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Mobilization Reserves: VA (Attack Squadrons), NR VA (Attack Squadron Augment Units)

0502312N A-6 Squadrons;X-5-07;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Mobilization Reserves: A-6 Squadrons/Units.

0502313N A-7 Squadrons;X-78-014;
Includes manpower authorizations, peculiar and support equipment, necesary facilities and the associated costs specifically identified and measurable to the following:

Mobilization Reserves: VA (Attack Squadrons), NR VA (Attack Squadron Augment Units)

0502314N F/A-18 Squadrons;X-4-03;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Mobilization Reserves: F/A-18 Squadrons/Units

0502315N Fighter Squadrons (H);;

0502316N F-8 Squadrons (H);;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Complete Capability Response Units (CRU), VF Squadrons, Squadron Reinforcement Units (SRU), VF Squadrons, Drill Pay Authorizations, Active Duty Authorizations

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0502317N F-4 Squadrons;X-78-014;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Mobilization Reserves: VF (Fighter Squadrons), NR VF (Fighter Squadron Augment Units)

0502319N F-14 Squadrons;X-4-04;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Mobilization Reserves: F-14 Squadrons/Units.

0502323N COD Squadrons;X-78-014;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs

specifically identified and measurable to the following:

Mobilization Reserves: VR VRC (Carrier on-Noard Delivery Squadron Augment Units)

0502324N Early Warning Aircraft Squadrons;X-78-014;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Mobilization Reserves: VAW (Carrier Airborne Early Warning Squadrons), NR VAW (Carrier Airborne Early Warning Squadron Augment Units)

0502325N Reconnaissance Squadrons;X-78-014;
Includes manpower authorizations, peculiar and support equipment, necesary facilities and the associated costs specifically identified and measurable to the following:

Mobilization Reserves: VFP (Light Photographic Squadrons), NR VFP (Light Photographic Squadron Augment Units)

0502326N Sea-Based Electronic Warfare Squadrons;X-78-014;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Mobilization Reserves: VAQ (Tactical Electronic Warfare Squadrons), NR VAQ (Tactical Electronic Warfare Squadron Augment Units)

0502328N Readiness Squadrons (RCVW);X-78-014;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Mobilization Reserves: NR Readiness/Replacement Unit Training Activities (RCVW)

0502330N Carrier ASW Squadrons (H);;

0502331N S-2 Squadrons (H);;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Complete Capability Response Units (CRU), VS Squadrons, Squadron Reinforcement Units (SRU), VS Squadrons, VS (OMA), Drill Pay Authorizations, Active Duty Authorizations

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0502332N SH-3 Squadrons;X-78-014;

Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Mobilization Reserves: HS (Helicopter Anti-Submarine Squadrons), NR HS (Helicopter Anti-Submarine Squadron Augment Units)

0502333N S-3 Squadrons;X-1-004;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Mobilization Reserves: NR S-3 Squadrons

0502338N Light Airborne Multi-Purpose System;X-2-006;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Selected Reserve Units designed to augment: HSL (Light Airborne Multi-Purpose System (LAMPS) Squadrons)

0502341N ASW Patrol Squadrons;X-78-014;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Mobilization Reserves: VP (Patrol Squadrons), NR VP (Patrol Squadron Augment Units)

0502343N Readiness Squadrons (RCVG/KVP) (H);X-80-004;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Mobilization Reserves: NR Readiness/Replacement Unit Training Activities (RCVG and KVP).

0502345N Support Forces;X-78-008;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Mobilization Reserves: NR Submarine Tender - AS, NR Submarine Floating Drydock - ARD

0502348N Cruisers;X-78-014;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Mobilization Reserves: NR Guided Missile Cruiser - CG, NR Guided Missile Cruiser (Nuclear Propulsion) - CGN

0502349N Destroyers - Missile;X-78-014;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Mobilization Reserves: NR Guided Missile Destroyer - DDG

0502350N Destroyers - Non-Missile;X-78-014;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Mobilization Reserves: NR Destroyers - DD

0502351N Frigates - Missile;X-78-014;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Mobilization Reserves: NR Guided Missile Frigate - FFG

0502352N Frigates - Non-Missile;X-78-014;
Includes manpower authorizations, peculiar and support equiment, necessary facilties and the associated costs specifically identified and measurable to the following:

Mobilization Reserves: NR Frigate - FF

0502353N Patrol Combatants;X-1-005;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Complete Capability Response Units (CRU): PGs, Ship Reenforcement Units (SRU), NRF PGs, Drill Pay Authorizations, Active Duty Authorizations

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0502354N Support Forces;X-78-014;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Mobilization Reserves: NR Destroyer Tender - AD, NR Medium Auxiliary Foating Dry Dock (non-self-propelled) - AFDM

0502359N Mine Countermeasures Forces;X-78-014;

Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Mobilization Reserves: NRF Minesweeper, Ocean (Non-Magnetic) - MSO, NR Minesweeper, Ocean (Non-Magnetic) - MSO

0502360N Air Mine Countermeasures Squadrons;X-78-014;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Mobilization Reserves: NR Helicopter Mine Countermeasures Squadrons (HM), NR Mobile Mine Countermeasures Units

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0502361N Mines and Mine Support;X-78-014;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Mobilization Reserves: NR Mobile Mine Assembly Group (MOMAG), NR Advanced Base Functional Component (B8 Minesweeping)

0502363N Undersea Surveillance Systems (H);;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Other (than platform) Reinforcement Units (ORU): Naval Facilities, Drill Pay Authorizations

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0502366N Amphibious Assault Ships;X-78-014;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Mobilization Reserves: NRF Amphibious Transports-LPA, NRF Amphibious Cargo Ships-LKA, NR Amphibious Assault Ships-LPH, NR Tank Landing Ships-LST, NR Amphibious Assault Ships (General Purpose)-LHA

0502368N Amphibious Tactical Support Units;X-78-014;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Mobilization NR Amphibious Construction Battalions, NR Beachmaster Units, NR Tactical Squadron, NR Tactical Group, NR Beach Groups, NR Assault Craft Units, NR Commander Amphibious Group

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0502371N Coastal/River Forces;X-4-04;

Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Mobilization Reserves: Commander Coastal River Squadrons, Commander Coastal River Divisions, Helicopter Attack Squadrons (HAL).

0502372N Inshore Undersea Warfare Forces;X-78-014;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Mobilization Reserves: Naval Reserve Mobile Inshore Undersea Warfare, NR Inshore Undersea Warfare Groups, NR Advanced Base Functional Component (B2C)

0502373N Naval Special Warfare Reserve Forces;X-4-04;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Mobilization Reserves: Special Boat Squadrons and Units, Light Helicopter Attack Squadrons (HAL), NR SEAL and NR Naval Special Warfare Group.

0502374N Explosive Ordnance Disposal Forces;X-78-014;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Mobilization Reserves: NR Explosive Ordnance Disposal Groups, NR Explosive Ordnance Disposal Mobile Units, NR Advanced Base Functional Component (J4)

0502375N Underway Replenishment Ships;X-78-014;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Mobilization Reserves: NRF Ammunition Ships - AE, NR Oilers - AO, NR AMMUNition Ships - AE, NR Replenishment Oiler -AOR

0502377N Major Fleet Support Ships;X-78-014;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Mobilization Reserves: NR Repair Ships AR

0502378N Minor Fleet Support Ships;X-78-014;

Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Mobilization Reserves: NRF Fleet Ocean Tugs - ATF, NR Salvage Ships - ARS, NR Fleet Ocean Tugs - ATF, NR Salvage and Rescue Ships - ATS, NR Auxiliary Repair Dry Dock (Non-Self-Propelled) - ARD, NR Small Auxiliary Floating Dry Dock (Non-Self-Propelled) - AFDL

0502379N Direct Support Squadron;X-78-014;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Mobilization Reserves: VR (Fleet Logistic Support Squadrons), NR VR (Fleet Logistic Support Squadron Augment Unit), VC (Fleet Composite Squadrons), NR VC (Fleet Composite Squadron Augment Units), HC (Helicopter Combat Support Squadron), NR HC (Helicopter Combat Support Squadron Augment Unit), NR VX (Air Test and Evaluation Squadron Augment Unit).

0502380N Special Combat Support - Cargo Handling;X-78-014;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Mobilization Reserves: NR Cargo Handling Battalion Headquarters, NR Cargo Handling Detachments

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0502381N Fleet Logistic Support;X-2-006;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Mobilization Reserves:

NR Mobile Technical Units

0502382N Special Combat Support-Audio/Visual;X-2-006;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Mobilization Reserves:

NR LANTFLT A/V Units

0502383N Special Combat Support (Harbor Clearance);X-78-014;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Mobilization Reserves: NR Harbor Clearance Units

0502384N Naval Construction Forces;X-78-014;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Mobilization Reserves: Reserve Naval Mobile Construction Battalions and Detachments, Reserve Naval Construction Brigade, Reserve Naval Construction Regiments and Detachments, NR Reserve Naval Construction Battalion Maintenance Unit Detachments, NR Commander Construction Battalion Atlantic and Pacific, Reserve Naval Construction Regiment headquarters

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0502385N Shore Intermediate Maintenance Activities;X-80-009;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Mobilization Reserves: NR Ship Intermediate Maintenance Activities

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0502386N Deep Submergence Systems;X-78-008;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Mobilization Reserves: NR Submarine Rescue Ship - ASR

0502387N Cryptologic Direct Support;X-80-006;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Selected Reserve Units: NR DS Security Group Divisions, NR DS Naval Security Group Detachments, NR DS Security Group Detachments, NR DS Security Group Activities, NR TGU Security Group Activities, NR DS Security Group Departments, NR DS Security Group Fleet Support Detachments

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0502393N Composite Readiness;X-1-005;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to Selected Reserve Units: Fleet Composite Operational Readiness Group (FLTCORGRU)

0502398N Management Headquarters (Other Unified Commands) (H);X-78-003;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to Selected Reserve Units designed to augment Unified Commands other than

LANTCOM or PACOM.

0502413N Fleet Support Training;X-78-014;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Mobilization Reserves: NR Nuclear Weapons Training Atlantic/Pacific, NR Fleet Training Groups, NR Commander Training Atlantic/Pacific

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0502421N Operational Headquarters (Fleet);X-78-014;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Mobilization Reserves: NR Naval Control of Shipping Office, NR Commander-in-Chief U.S. Naval Force Europe, NR Logistics Pacific, NR Convoy Commodore, NR Fleet Religious Support Activity, NR Commander-in-Chief Atlantic Fleet, NR Commander Middle East Forces, NR Commander Naval Forces, NR Commander Southern Atlantic Forces, NR U.S. Coast Guard Religious Support

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0502422N Operational Headquarters (Sea Control/Projection);X-80-005;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Mobilization Reserves: Carrier Air Wing Reserve, NR Carrier Air Group, NR Commander Carrier Wing, NR Light Attack Wing, NR Fighter Wing, NR Fleet Air Mediterranean, NR Fleet Air Keflavik

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0502424N Operational Headquarters (Sea Control/Air);X-78-014;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Mobilization Reserves: NR Patrol Wing Pacific, NR Patrol Wing Atlantic, NR Anti-Submarine Warfare Wing Pacific, NR Patrol Wing, NR Helicopter Anti-Submarine Wing, NR Tactical Support Center, NR Reserve Patrol Wing Atlantic, NR Reserve Patrol Wing Pacific

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0502425N Operational Headquarters (Sea Control/Surface);X-1-005;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Mobilization Reserves: Commander Surface Squadron, Commander Mine Squadron, NR Commander Mine Divisions, NR Commander Service Squadrons, NR Commander Cruiser Destroyer Groups, NR Commander Amphibious Squadrons, NR Destroyer Squadrons, NR Commander Amphibious Squadron Pacific Religious Units, NR Commander Service Group, NR Commander Amphibious Groups, NR Commander Naval Surface Group Westpac

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0502426N Operational Headquarters (Sea Control/Subsurface);X-78-010;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Mobilization Reserves: NR Commander Submarine Group, NR Commander Submarine Development Group, NR Commander Submarine Squadron.

0502498N Management Headquarters (Fleet);X-78-014;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Mobilization Reserves: NR Commander-in-Chief Atlantic Fleet, NR Commander-in-Chief Pacific Fleet, NR Commander Seventh Fleet, NR Commander Third Fleet, NR Commander Sixth Fleet, NR Commander Second Fleet.

0502501M F-4 Squadrons (VMFA) (MCR);;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Marine Fighter/Attack Squadrons (VMFA), Reserve F-4 Aircraft and Support. MCR Drill pay and active supervisory personnel for above. Includes Naval Reserve support as appropriate.

0502502M A-4 Squadrons (MCR);X-95-2;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Marine Attack Squadrons (VMA). A-4 aircraft and support, Selected Marine Corps Reserve drill pay, and Active Component and Active Reserve supervisory personnel (unit and site support), for the above. Includes Naval Reserve support as appropriate.

0502503M Fixed-Wing Combat Support (MCR);X-95-2;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Marine Aircraft Groups-Fighter Attack/Attack Aircraft (MAG-VF/VA); Marine Aviation Logistics Squadron-Fixed Wing (MALS-F/W); Marine Wing Support Squadron-Fixed Wing (MWSS-F/W); Headquarters, Marine Wing Support Group (HQ MWSG); Selected Marine Crops Reserve drill pay, and Active Component and Active Reserve supervisory personnel (unit and site support), for the above. Includes Naval Reserve support as appropriate.

0502504M KC-130 Squadrons (MCR);X-95-2;

Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Marine Aerial Refueler Transport squadrons (VMGR). KC-130 aircraft and support, Selected Marine Corps Reserve drill pay, and Active Component and Active Reserve supervisory personnel (unit and site support), for the above. Includes Naval Reserve support as appropriate.

0502505M Tactical Combat Support (MCR);X-95-2;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Marine Aircraft Wing (MAW). Headquarters, Marine Aircraft Wing (HQ MAW); Marine Wing Headquarters Squadron (MWHS); Marine Reserve support to Commander, Naval Air Reserve Facility (CNARF), Blount Island and Barstow; Selected Marine Corps Reserve drill pay, and Active Component and Active Reserve supervisory personnel (unit and site support), for the above. Includes Naval Reserve support as appropriate.

0502506M Surface-to-Air-Missile Defense (MCR);X-95-2;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Light Anti-Aircraft Missile Battalion (LAAM) and Low Altitude Air Defense Battalion (LAAD). Headquarters, Light Anti-Aircraft Missile Battalion (HQ LAAM); Headquarters and Service Battery (H&S Btry); Missile Batteries (HAWK): Headquarters, Low Altitude Air Defense Battalion (HQ LAAD); Headquarters and Service Battery (H&S Btry); LAAD Batteries (Stingers); Selected Marine Corps Reserve Drill Pay, and Active Component and Active Reserve supervisory personnel (unit and site support), for the above. Includes Naval Reserve support as appropriate.

0502507M UH-1 Squadrons (HML) (MCR);;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: Marine Light Helicopter Squadrons (HML) Reserve, UH-1 Helicopters and Support. MCR drill pay and active supervisory personnel for above. Includes Naval Reserve support as appropriate.

0502508M CH-46/V-22 Squadrons (MCR);X-95-2;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Marine Medium Helicopter Squadron (HMM). CH-46 aircraft (V-22 aircraft when assigned) and support, Selected Marine Corps Reserve drill pay, and Active Component and Active Reserve supervisory personnel (unit and site support), for the above. Includes Naval Reserve support as appropriate.

0502509M CH-53 Squadrons (MCR);X-95-2;

Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Marine Heavy Helicopter Squadrons (HMH). CH-53 aircraft and support, Selected Marine Corps Reserve drill pay, and Active Component and Active Reserve supervisory personnel (unit and site support), for the above. Includes Naval Reserve support as appropriate.

0502510M AH-1/UH-1 Squadrons (MCR);X-95-2;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Marine Light/Attack Helicopter Squadrons (HMLA). AH-1 and UH-1 aircraft and support, Selected Marine Corps Reserve drill pay, and Active Component and Active Reserve supervisory personnel (unit and site support), for the above. Includes Naval Reserve support as appropriate.

0502511M Divisions (MCR);X-95-2;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Marine Division (MarDiv) Headquarters Battalion (HQBn); Infantry Regiments (Inf Regt); Artillery Regiment (Arty Regt); Tank Battalions (Tk Bn): Assault Amphibian Battalion (AA Bn); Reconnaissance Battalion (Recon Bn); Reconnaissance Battalion (Light Armored) (LAR Bn); Light Armored Infantry Battalion (LAI Bn; Combat Engineer Battalion (CEB; Selected Marine Corps Reserve drill pay, and Active Component and Active Reserve supervisory personnel (unit and Inspector-Instructor support), for the above. Includes Naval Reserve support as appropriate.

0502512M Individual Mobilization Augmentee (IMA) Program (MCR);X-95-2;
Individual Selected Marine Corps Reservists preassigned to fill mobilization billets on or shortly after M-day who are required to train a minimum of 14 days per year.

0502513M Other Combat Support (MCR);X-95-2;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Marine Reserve Force Assets. Headquarters Detachments (HQ Dets); Reserve Marine Air-Ground Task Force Command Elements (RMAGTFCE); Communications Battalion (Comm Bn); Civil Affairs Groups (CAG); Air/Naval Gunfire Liaison Companies (ANGLICO); Force Reconnaissance Companies (FORECON); Interrogator-Translator Teams (ITT); Counter-Intelligence Teams (CIT); Sensor Control Management Platoon (SCAMP); Special Security Communications Team (SSCT); Force Imagery Interpretation Unit (FIIU); Selected Marine Crops Reserve drill pay, and Active Component and Active Reserve supervisory personnel (unit and Inspector-Instructor support), for the above. Includes Naval Reserve support as appropriate.

Excludes Reserve personnel on active duty for the purpose of recruiting (see Recruiting Activities, PE 0508144M).

0502514M Force Service Support Group (MCR);X-95-2;

Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Marine Force Service Support Group (FSSG). Provisional Support Battalion Nucleus Headquarters (PSB Nuc HQ); Force Service Support Group Forward Nucleus Headquarters (FSSG Nuc HQ); Headquarters and Services Battalion (H&S Bn); Supply Battalion (Sup Bn); Motor Transport Battalion (MT Bn); Engineer Support Battalion (ESB); Landing Support Battalion (LSB); Maintenance Battalion (Maint Bn); Medical Battalion (Med Bn); Dental Battalion (Dental Bn); Selected Marine Corps Reserve drill pay, and Active Component and Active Reserve supervisory personnel (unit and Inspector-Instructor support), for the above. Includes Naval Reserve support as appropriate.

0502515M Tactical Air Control Systems (MCR);X-95-2;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Marine Air Control Group (MACG). Headquarters, Marine Air Control Group (HQ MACG); Marine Tactical Air Command Squadron (MTACS); Marine Air Control Squadron (MACS); Tactical Air Operations Center Detachments (TAOC Dets); Air Traffic Control Detachments (ATC Dets); Headquarters Marine Wing Communications Squadron (HQ MWCS); Marine Wing Communications Squadron Detachments (MWCS Dets); Marine Air Support Squadron (MASS); Selected Marine Corps Reserve drill pay, and Active Component and Active Reserve supervisory personnel (unit and site support), for the above. Includes Naval Reserve support as appropriate.

0502516M Helicopter Combat Support (MCR);X-95-2;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Marine Aircraft Groups-Rotary Wing (MAG-R/W); Marine Aviation Logistics Squadron- Rotary Wing (MALS-R/W);Marine Wing Support Squadron-Rotary Wing (MWSS-R/W); Selected Marine Corps Reserve drill pay, and Active Component and Active Reserve supervisory personnel (unit and site support), for the above. Includes Naval Reserve support as appropriate.

0502517M EA-6 Squadron (MCR);X-95-2;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Marine Tactical Electronic Warfare Squadron (VMAQ). EA-6 aircraft and support, Selected Marine Corps Reserve drill pay, and Active Component and Active Reserve supervisory personnel (unit and site support), for the above. Includes Naval Reserve support as appropriate.

0502518M F/A-18 Squadrons (MCR);X-95-2;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Marine Fighter Attack Squadrons (VMFA). F/A-18 aircraft and support, Selected Marine Corps Reserve drill pay, and

Active Component and Active Reserve supervisory personnel (unit and site support), for the above. Includes Naval Reserve support as appropriate.

0502579M F-5 Aircraft (MCR);X-95-2;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Marine Fighter Training Squadron (VMFT). F-5 aircraft and support, Selected Marine Corps Reserve drill pay, and Active Component and Active Reserve supervisory personnel (unit and site support), for the above. Includes Naval Reserve support as appropriate.

0502595N Base Communications - Fleet Support Surface Units;X-80-006;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to base level communications support of Mobilization Reserves at a Naval Base Complex.

0502596N Base Operations - Fleet Support Surface Units;X-95-1;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following functional categories of effort:

Administration: Installation Headquarters Administration and Command (including squadron level responsible for Base Operations), Installation Comptroller Services, Installation ADP Services, Installation Information Activities, Installation Legal Activities, Civilian Personnel Administration, Installation Military Personnel, Administration Installation Printing and Reproduction, Installation Safety, Installation Management Analysis/Management Engineering.

Retail Supply Operations: Installation Supply Activities, Installation Procurement Operation, Installation Storage Activ ities.

Maintenance of Installation Equipment: (Includes maintenance of administrative aircraft, vehicles and equipment; but excludes maintenance of tactical equipment, combat vehicle and mission aircraft).

Other Base Services: Installation Transportation Activities, Installation Training (excludes Troop training and tactical exercise). Installation Physical and Police Activities, Laundry and Dry Cleaning (for troop support and other appropriated fund activities). Installation AirField/Air Base Operations (control tower, weather, flight service, etc.) Installation Restoration.

Bachelor Housing Operations and Furnishing: (management; housing assignment, care of quarters, provisions, care preservation and maintenance of furnishings, etc.)

Other Personnel Support: Food Service; Social Action; Community Service; Chaplain Services; Bands; Morale, Welfare and Recreation.

Excluded are the following functional categories which are a part of the standard definition of Base Operating Support, but are reported under separate PEs: Real Property Services, Minor Construction, Maintenance and Repair,

Base Communications, Commissary Operations (Retail and Troop Issue), Station Hospitals, Medical and Dental Clinics and Dispensaries, Family Housing.

0502598N Management Headquarters (Surface);;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Mobilization Reserves: NR Commander Naval Surface Forces Atlantic, NR Commander Naval Surface Forces Pacific, NR Commander Mine Warfare Comand

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0502608F Training Aircraft (ANG);X-3-03;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated cost specifically identified and measurable to flying training.

Excludes aircraft procurement (investment) costs and replacement training units identified with mission elements.

0502609F F-15 Tactical Fighter Squadrons (ANG);X-4-02;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Tactical Fighter Wing Headquarters; Tactical Fighter Group Headquarters; Tactical Fighter Squadrons; Combat Support Group/Squadrons; Consolidated Aircraft Maintenance Squadrons; Tactical Hospitals/Tactical Clinics; Mobility Support Flights; Civil Engineering Flights; Communications Flights; and Weapons System Security Flights.

0502610F A-7 Squadrons (ANG);;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Tactical Fighter Wing Headquarters, Tactical Fighter Group Headquarters, Tactical Fighter Squadrons, Consolidated Aircraft Maintenance Squadrons, Supply Squadrons, Combat Support Squadrons, Tactical Hospitals/USAF Dispensaries, Weapons System Security.

Excludes Flying Training (see Training element in this program).

0502611F F-84 Squadrons (ANG) (H);;

0502612F F-86 Squadrons (ANG) (H);;

0502613F F-100 Squadrons (ANG) (H);X-80-004;

Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Tactical Fighter Wing Headquarters, Tactical Fighter Group Headquarters, Tactical Fighter Squadrons, Consolidated Aircraft Maintenance Squadrons, Supply Squadrons, Combat Support Squadrons, Tactical Hospitals/USAF Dispensaries, Weapons System Security.

Excludes Flying Training (see Training element in this program).

0502614F F-104 Squadrons (ANG) (H);;

0502615F F-105 Squadrons (ANG) (H);X-6-01;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Tactical Fighter Wing Headquarters, Tactical Fighter Group Headquarters, Tactical Fighter Squadrons, Consolidated Aircraft Maintenance Squadrons, Supply Squadrons, Combat Support Squadrons, Tactical Hospitals/USAF Dispensaries, Weapons System Security.

Excludes Flying Training (see Training element in this program).

0502616F A-37 Squadrons (H) (ANG);X-2-005;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs identified and measurable to the following:

Tactical Fighter Wing Headquarters, Tactical Fighter Group Headquarters, Tactical Fighter Squadrons, Consolidated Aircraft Maintenance Squadrons, Supply Squadrons, Combat Support Squadrons, Tactical Hospitals/USAF Dispensaries, Weapons System Security.

Excludes Flying Training (see Training element in this program).

0502617F Tactical Fighter Training Squadrons (ANG) (H);X-80-004;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs identified and measurable to Combat Crew Training Group:

Combat Crew Training Squadron, CAMROM, Combat Operations Support, Supply Squadron, Tactical Dispensary, Communications Flight (Support).

0502618F F-4 Squadrons (ANG) (H);X-95-2;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs identified and measurable to the following:

Tactical Fighter Wing Headquarters, Tactical Fighter Group Headquarters, Tactical Fighter Squadrons, Consolidated Aircraft Maintenance Squadrons, Supply Squadrons, Combat Support Squadrons, Tactical Hospitals/USAF Dispensaries, Weapons System Security.

Excludes Flying Training (see Training element in this program).

0502619F A-10 Squadrons (ANG);;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs identified and measurable to the following:

Tactical Fighter Wing Headquarters, Tactical Fighter Group Headquarters, Tactical Fighter Squadrons, Consolidated Aircraft Maintenance Squadrons, Supply Squadrons, Combat Support Squadrons, Tactical Hospitals/USAF Dispensaries, Weapons System Security.

Excludes Flying Training (see Training element in this program).

0502620F F-16 Squadrons (ANG);;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs identified and measurable to the following:

Tactical Fighter Wing Headquarters, Tactical Fighter Group Headquarters, Tactical Fighter Squadrons, Combat Support Groups/Squadrons, Consolidated Aircraft Maintenance Squadrons, Tactical Hospitals/Tactical Clinics, Mobility Support Flights, Weapons System Security Flights, Civil Engineering Flights, Communications Flights, Air National Guard Drill Pay, Air Technicians and Active Duty Advisors.

0502621F RB-57 Squadrons (ANG) (H);;

0502622F RF-84 Squadrons (ANG) (H);;

0502623F RF-101 Squadrons (ANG) (H);X-80-004;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs identified and measurable to the following:

Tactical Reconnaissance Wing Headquarters, Reconnaissance Technical Squadrons, Tactical Reconnaissance Group Headquarters, Tactical Reconnaissance Squadrons, Consolidated Aircraft Maintenance Squadrons, Supply Squadrons, Combat Support Squadrons, Tactical Hospitals/USAF Dispensaries, Weapons System Security.

Excludes Flying Training (see Training element in this program).

0502624F RF-4 Squadrons (ANG);;

Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs identified and measurable to the following:

Tactical Reconnaissance Wing Headquarters, Reconnaissance Technical Squadrons, Tactical Reconnaissance Group Headquarters, Tactical Reconnaissance Squadrons, Consolidated Aircraft Maintenance Squadrons, Supply Squadrons, Combat Support Squadrons, Tactical Hospitals/USAF Dispensaries, Weapons System Security.

0502625F Air Base Ground Defense (ANG) (H);X-8-04;
This program element provides resources for the defense of theater air bases against ground attack. Provides units for deployment to overseas installations that use mobile and point defense and area suppression weapons to detect, engage, and defeat enemy ground attack at a distance from the defended resources. Includes manpower authorizations, training, peculiar and support equipment and associated operations and maintenance costs specifically identified and measurable to Air Base Defense Squadrons (ANG) and Air Base Defense Flights (ANG).

0502626F RF-16 Squadrons (ANG);X-0-06;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs identified and measurable to the following: Tactical Reconnaissance Wing Headquarters, Reconnaissance Technical Squadrons, Tactical Reconnaissance Group Headquarters, Tactical Reconnaissance Squadrons, Consolidated Aircraft Maintenance Squadrons, Supply Squadrons, Combat Support Squadrons, Tactical Hospitals/USAF Dispensaries, Weapons System Security. There will be manpower associated with this PE.

0502629F F-4G Operations and Support (ANG);X-92-3;;
Funds the flying hour program, maintenance, supply, combat support, simulators, manpower, and other expenses to maintain the TAC-Gained Air National Guard F-4G force.

Civilian and military authorizations will be associated with this PE.

0502631F KC-97 Squadrons (ANG) (H);;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs identified and measurable to the following:

Air Refueling Wing Headquarters, Air Refueling Group Headquarters, Air Refueling Squadrons, Consolidated Aircraft Maintenance Squadrons, Supply Squadrons, Combat Support Squadrons, Tactical Hospitals/USAF Dispensaries, Weapons System Security.

Excludes Flying Training (see Training element in this program).

0502641F Special Operations Squadrons (ANG) (H);;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs identified and measurable to the following:

U-10/HU-16 Composite Units, U-10/C-119 Composite Units, Special Operations Groups, Special Operations Squadrons, Consolidated Aircraft Maintenance Squadrons, Supply Squadrons, Combat Support Squadrons, Weapons System Security.

Excludes Flying Training (see Training element in this program).

0502642F Air National Guard/Reserve OT&E Combat Development;X-9-05;
Funds tests, projects, evaluations and data base maintenance necessary to develop and/or evaluate new methods, tactics, material and hardware.

Includes manpower, support equipment, facilities, flying hours, ADP equipment/maintenance/services, man-days, support contracting and other associated costs for the Air National Guard Air Force Reserve Test Center (AATC) and CB coded operational test and evaluation aircraft.

0502651F C-123 Squadrons (ANG) (H);;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs identified and measurable to Tactical Airlift Squadrons and weapons system security.

Excludes Flying Training (see Training element in this program).

0502652F Pacer Coin (ANG);X-94-6;;
This program element funds requirements associated with operation of Pacer Coin C-130 aircraft. Pacer Coin C-130s are unobtrusively configured to conduct imagery reconnaissance in support of counter insurgency operations.

0502654F C-7A Squadrons (ANG) (H);;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs identified and measurable to the following:

Tactical Airlift Wing Headquarters, Tactical Airlift Group Headquarters, Tactical Airlift Squadrons, Consolidated Aircraft Maintenance Squadrons, Combat Support Squadrons, Tactical Hospitals/USAF Dispensaries, Aerial Port Squadrons, Weapons System Security, Mobility Support Flights, Civil Engineering Flights.

Excludes Flying Training (see Training element in this program).

0502664F EC-130 TEWS (ANG) (H);X-92-3;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs identified and measurable to the following:

Tactical Electronic Warfare Support Groups, Tactical Electronic Warfare Support Squadrons, Consolidated Aircraft Maintenance Squadrons, Supply Squadrons, Organic Medical Support, Communications Flights (Support).

0502671F Tactical Air Control System - Air (ANG);X-1-003;

Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs identified and measurable to the following:

Tactical Air Support Groups/Wings: Tactical Air Support Squadrons, Combat Support Squadrons, Tactical Dispensaries, Communications Flights, Support.

Specifically includes ANG drill pay, air technicians, and active duty advisors.

0502672F Tactical Air Control System - Ground (ANG);X-1-003;
Includes the personnel and equipment required to provide Air Force component commanders with tactical command and control resources needed to execute contingency/war plans. This program element contains Tactical Control Groups, Tactical Control Squadrons and Tactical Control Flights.

0502682F B-57 Tactical Bombardment Squadrons (ANG) (H);;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs identified and measurable to B-57B Tactical Bombardment Squadrons.

0502695N Base Communications - Naval Air Base Units (H);X-91-2;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to base level communcations support of Mobilization Reserves at an Air Base complex.

0502696N Base Operations - Naval Air Base Units;X-95-1;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following functional categories of effort:

Administration: Installation Headquarters Administration and Command (including squadron level responsible for Base Operations), Installation Comptroller Services, Installation ADP Services, Installation Information Activities, Installation Legal Activities, Civilian Personnel Administration, Installation Military Personnel, Administration Installation Printing and Reproduction, Installation Safety, Installation Management Analysis/Management Engineering.

Retail Supply Operations: Installation Supply Activities, Installation Procurement Operation, Installation Storage Activ ities.

Maintenance of Installation Equipment: (Includes maintenance of administrative aircraft, vehicles and equipment; but excludes maintenance of tactical equipment, combat vehicle and mission aircraft).

Other Base Services: Installation Transportation Activities, Installation Training (excludes Troop training and tactical exercise). Installation Physical and Police Activities, Laundry and Dry Cleaning (for troop support and other appropriated fund activities). Installation AirField/Air Base Operations (control tower, weather, flight service, etc.) Installation Restoration.

Bachelor Housing Operations and Furnishing: (management; housing assignment, care of quarters, provisions, care preservation and maintenance of furnishings, etc.)

Other Personnel Support: Food Service; Social Action; Community Service; Chaplain Services; Bands; Morale, Welfare and Recreation.

Excluded are the following functional categories which are a part of the standard definition of Base Operating Support, but are reported under separate PEs: Real Property Services, Minor Construction, Maintenance and Repair, Base Communications, Commissary Operations (Retail and Troop Issue), Station Hospitals, Medical and Dental Clinics and Dispensaries, Family Housing.

0502698N Management Headquarters (Subsurface);X-78-010;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Mobilization Reserves: NR Commander Submarines Atlantic, NR Commander Pacific

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0502711F F-105 Squadrons (AFR) (H);X-6-01;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs identified and measurable to the following:

Tactical Fighter Wing Headquarters, Tactical Fighter Squadrons, Consolidated Aircraft Maintenance Squadrons, Mobility Support Flights, Combat Support Squadrons, Tactical Hospitals/Tactical Clinics, Weapon Systems Security, Communication Flights, Air Force Reserve Drill Pay, Air Reserve Technician and Active Duty Advisors.

0502712F A-37 Squadrons (AFR) (H);X-5-03;
Includes manpower authorizations, peculiar and support equipment necessary facilities and the associated costs specifically identified and measurable to the following:

Tactical Fighter Wing Headquarters, Tactical Fighter Group Headquarters, Tactical Fighter Squadrons, Consolidated Aircraft Maintenance Squadrons, Combat Support Squadrons/Groups, Weapon Systems Security Flights - Mobility Support Flight, Communication Flights. Also includes Drill Pay Space, Air Reserve Technician Authorizations and Active Duty Advisors. Also includes Advanced Flying Training Aircraft, Tactical Hospitals/Tactical Clinics.

0502713F A-10 Squadrons (AFR);;
Includes manpower authorizations, peculiar and support equipment necessary facilities and the associated costs specifically identified and measurable to the following:

Tactical Fighter Wing Headquarters, Tactical Fighter Group Headquarters, Tactical Fighter Squadrons, Consolidated Aircraft Maintenance Squadrons, Combat Support Squadrons/Group, Tactical Clinics/Hospitals, Weapon Systems Security Flights, Communications Flight, Air Force Reserve Drill Pay, Air Reserve Technicians and Active Duty Advisors, Mobility Support Flight.

0502714F F-4 Squadrons (AFR) (H);X-95-2;
Includes manpower authorizations, peculiar and support equipment necessary facilities and the associated costs specifically identified and measurable to the following:

Tactical Fighter Wing Headquarters, Tactical Fighter Squadrons, Consolidated Aircraft Maintenance Squadrons, Mobility Support Flights, Combat Support Squadrons/Group, Tactical Clinics/Hospitals, Weapon Systems Security, Communications Flight, Air Force Reserve Drill Pay, Air Reserve Technicians and Active Duty Advisors.

0502715F Reserve Augmentation Test (TFW) (AFR) (H);X-80-004;
Includes resources necessary to support reserve air crew and maintenance augmentation of an active tactical fighter unit. This is an OSD-directed test of the capability of reservists to increase the wartime sortie rate of an active unit. Test will cover FY 1977 and FY 1978.

0502716F F-16 Squadrons (AFR);;
Includes manpower authorizations, peculiar and support equipment necessary facilities and the associated costs specifically identified and measurable to the following:

Tactical Fighter Wing Headquarters, Tactical Fighter Group Headquarters, Tactical Fighter Squadrons, Consolidated Aircraft Maintenance Squadrons, Combat Support Squadrons/Groups, Weapon Systems Security Flights, Mobility Support Flight, Communication Flights, Air Force Reserve Drill Pay, Air Reserve Technicians and Active Duty Advisors, Tactical Hospitals/Tactical Clinics.

0502717F Training Aircraft (AFR) ;X-92-3;;
Funds the manpower, common and peculiar support equipment, facilities, flying hours, ADP equipment/maintenance/services, man-days, support contracting and other associated costs for Air Force Reserve Training Aircraft.

0502718F OA-10 Squadrons (AFR) ;X-95-1;;
Funds the manpower, common and peculiar support equipment, facilities, flying hours, ADP equipment/maintenance/services, man-days, support contracting and other associated costs for Air Force Reserve Tactical Air Control System - Air (AFR).

0502721F KC-10 Squadrons (AFR Associate);X-95-1;
Includes manpower authorizations, peculiar and support equipment necessary facilities and the associated costs specifically identified and measurable to the following:

Strategic Air Refueling/Airlift Wing/Group Headquarters, Strategic Air Refueling/Airlift Squadrons, Combat Support Squadrons/Groups, Mobility Support Flights, Weapons Systems Security Flights, Consolidated Aircraft Maintenance

Squadrons, Aerial Port Flights, USAF Hospitals/Clinics, Drill Pay Spaces and Air Reserve Technician Authorizatons.

0502741F SOF Groups (AFR) (H);X-92-3;
Includes manpower authorizations, peculiar and support equipment necessary facilities and the associated costs specifically identified and measurable to the following:

Special Operations Wing Headquarters, Special Operations Groups, Special Operations Squadrons, Maintenance Squadrons, Combat Support Squadrons, Tactical Dispensaries/Clinics, Communications Flights, AFR drill pay, Air Reserve Technicians and Active Duty Advisors, Mobility Support Flight, Weapon Systems Security Flight.

0502751F C-119 Squadrons (AFR) (H);;

0502753F C-123 Squadrons (AFR) (H);;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Tactical Airlift Wing Headquarters, Tactical Airlift Group Headquarters, Tactical Airlift Squadron, Supply Squadron, Consolidated Aircraft Maintenance Squadron, Tactical Dispensary/Hospital, Aerial Port Flight.

Excludes Flying Training (see Training element in this program).

0502754F C-130 Squadrons (AFR) (H);;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Tactical Airlift Wing Headquarters, Tactical Airlift Squadrons, Tactical Hospitals/USAF Dispensaries, Consolidated Aircraft Maintenance Squadrons, Tactical Airlift Group Headquarters, Supply Squadrons, Combat Support Squadrons, Aerial Port Flights, Weapons System Security.

Excludes Flying Training (see Training element in this program).

0502756F C-7A Tactical Airlift Squadrons (AFR) (H);;
Includes manpower authorizations, peculiar and support equipment necessary facilities and the associated costs specifically identified and measurable to the following:

Tactical Airlift Wing Headquarters, Tactical Airlift Squadrons, Tactical Dispensary/Hospital, Consolidated Aircraft Maintenance Squadrons, Tactical Airlift Group Headquarters, Combat Support Squadrons, Aerial Port Flights, Weapons System Security Flight, Mobility Support Flight.

Excludes Flying Training (see Training element in this program).

0502771F Tactical Air Support Group (AFR) (H);;

0502772F Tactical Airborne Command and Control System (TACCS) (AFR) (H);X-5-03;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Airborne Battlefield Command Control Center (ABCCC), Aircraft, Airborne Battlefield Command Group Headquarters, Airborne Battlefield Command Squadron, Consolidated Maintenance Squadron, Combat Support Group/Squadron, Communications Flight, Mobility Support Flight, Weapon System Security Flight, Tactical Clinic, AFR Drill Pay Spaces, Air Reserve Technicians, and Active Duty Authorizations.

Excludes Flying Training (see Training element on this program).

0502781F Electronic Combat Support (AFR) (H);X-92-3;
Includes manpower and all associated costs pertaining to mobilization assignees designated to provide military personnel support to AFEWC, planning evaluation, analysis for the Armed Forces in wartime.

0502782F Tactical Cryptologic Programs (AFR) (H);X-91-2;
Includes all associated costs pertaining to mobilization assignees designated to provide military personnel support for the Tactical Cryptologic program in wartime.

0502796F Base Operations - (Tactical Air Forces) (AFR);X-95-1;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following functional categories of effort:

Administration: Installation Headquarters Administration and Command (including squadron level responsible for Base Operations), Installation Comptroller Services, Installation ADP Services, Installation Information Activities, Installation Legal Activities, Civilian Personnel Administration, Installation Military Personnel, Administration Installation Printing and Reproduction, Installation Safety, Installation Management Analysis/Management Engineering.

Retail Supply Operations: Installation Supply Activities, Installation Procurement Operation, Installation Storage Activ ities.

Maintenance of Installation Equipment: (Includes maintenance of administrative aircraft, vehicles and equipment; but excludes maintenance of tactical equipment, combat vehicle and mission aircraft).

Other Base Services: Installation Transportation Activities, Installation Training (excludes Troop training and tactical exercise). Installation Physical and Police Activities, Laundry and Dry Cleaning (for troop support and other appropriated fund activities). Installation AirField/Air Base Operations (control tower, weather, flight service, etc.) Installation Restoration.

Bachelor Housing Operations and Furnishing: (management; housing assignment, care of quarters, provisions, care preservation and maintenance of furnishings, etc.)

Other Personnel Support: Food Service; Social Action; Community Service; Chaplain Services; Bands; Morale, Welfare and Recreation.

Excluded are the following functional categories which are a part of the standard definition of Base Operating Support, but are reported under separate PEs: Real Property Services, Minor Construction, Maintenance and Repair, Base Communications, Commissary Operations (Retail and Troop Issue), Station Hospitals, Medical and Dental Clinics and Dispensaries, Family Housing.

0502798F Management Headquarters (Tactical Air Forces);X-1-006;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to mobilization assignees allocated in support of:

HQ, Tactical Air Command (TAC): HQ 9th Air Force, HQ 12th Air Force, HQ, Pacific Air Forces (PACAF): HQ 5th Air Force, HQ 13th Air Force, HQ, U.S. Air Forces, Europe (USAFE): HQ 3rd Air Force, HQ 16th Air Force, HQ 17th Air Force.

Excludes nonmanagement headquarters resources.

0502801A Special Purpose Division Forces (ARNG) (H);;

0502802A Other Divisions (ARNG) (H);;

0502803A Non-Divisional (ARNG) Units (H);;

0502804A Command Headquarters-Divisional (ARNG) (H);;

0502811A Division Forces (ARNG); X-91-2;;BAA
Includes NG manpower authorizations, peculiar and support equipment, necessary facilities, and associated costs specifically identified and measurable to TOE division. Operation of combat divisions exclusive of nonorganic forces. Includes TOE airborne, armored, infantry (mechanized, light, motorized), cavalry, air assault divisions, and all organic assigned subordinate brigades, battalions, and other subordinate units, including augmentation TDAs.

0502812A Nondivisional Combat Brigades/Regiments (ARNG);X-91-2;;
Operation of TOE units assigned to separate brigades/regiments. Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to these

NG units.

0502813A Other Nondivisional Combat Units (ARNG);X-91-2;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to these NG units. Operation of separate nondivisional combat unit (field artillery, air defense, infantry, combat engineer, and aviation) which directly support division forces.

Excludes Theater Defense Forces.

0502814A Tactical Support Forces (ARNG);X-91-2;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to NG units having primary missions of providing communications, intelligence, medical, logistics, administration, and other tactical support to military operations in Europe, the Pacific, and other areas as required.

0502821A Divisions (ARNG) (H);X-92-4;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: ARNG divisions having the primary mission of supporting military operations in Europe, the Pacific, and other areas as required.

Armored, Mechanized, and Infantry Division: HQ & HQ Company Armored, Mechanized and Infantry Div, Military Police Unit, Aviation Battalion, Signal Battalion, Engineer Battalion, Armored Cavalry Squadron, HQ & HQ Companies Armored, Mechanized, and Infantry Brigades, HQ & HQ Battery Division Artillery, Field Artillery Battalions, Air Defense Artillery Battalions, HQ & HQ Company & Band Support, Administrative Units, Finance Units, Medical Battalions, Supply - Transportation Battalions, Maintenance Battalions, Tank Battalions, Mechanized Battalions, Infantry Battalions

Excludes ARNG affiliated units and nonaffiliated non-Divisional combat units.

0502823A Non-Divisional Combat Units (ARNG)(Nonaffiliated) (H);X-92-4;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: ARNG non-divisional combat units having the primary mission of supporting military operations in Europe, the Pacific, and other areas as required:

Armored, Mechanized and Infantry Brigades: Engineer Units, Armored Cavalry Regiments/Squadrons, Units, Field Artillery Battalions, Tank Battalions, Infantry Battalions, Airborne Battalions, Special Forces Battalion, Support Battalions, Mechanized Battalions, Air Cavalry Troops, HQ & HQ Company, Infantry Brigade, HQ & HQ Company, Airborne Brigade, HQ & HQ Company, Armor Brigade, HQ & HQ Battery, Air Defense Brigade, HQ & HQ Battery, Corps Artillery, HQ & HQ Batteries, Field Artillery Group, HQ & HQ Company, Special Forces Group, Target Acquistion Battalions, Engineer Combat Battalions, Engineer Combat Battalions (Heavy), Engineer Companies (Float Bridge), Searchlight Batteries, Assault Helicopter Companies

Excludes ARNG affiliated units and units organic to ARNG divisions.

0502824A Tactical Support Forces (ARNG)(Nonaffiliated) (H);X-92-4;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: ARNG tactical support units having the primary missions of providing communications, intelligence, medical, logistics, administrative, and other tactical support to military operations in Europe, the Pacific, and other areas as required.

Excludes affiliated tactical support forces.

0502881A Special Mission Forces (ARNG) (H);X-92-4;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: ARNG units whose primary mission, upon mobilization, is to perform special mission type operations, such as conducting unconventional warfare; assisting other free nations in their internal defense operations; providing engineering support to the U.S. Air Force; and deploying to and providing for the initial defense of Alaska, Iceland, Panama, and the Caribbean. A secondary mission for these units is to support state authorities as required. Type units included are: .sp HQ & HQ Company Special Forces Group, Special Forces Units, Engineer Construction Battalion, Engineer Unit, Dump Truck, Infantry Brigade, Special Forces Unit, Airborne, Combat Engineer Battalion, General Supply Unit GS, Engineer Utilities Unit, HQ & HQ Det Military Police Battalion, Military Police Units, Public Information Field Service Operations Unit, Transportation Unit, Light/Medium Truck, Armored Cavalry Squadron, Linguistics Unit, Infantry Battalions, Assault Helicopter Unit, Forward Support Unit, TD Augmentations as assigned.

0502885A Theater Defense Forces (ARNG);X-91-2;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: NG units whose primary mission, upon mobilization, is to provide engineering support to the U.S. Air Force; and deploying to and providing defense of Alaska, Iceland, Panama, and the Caribbean.

0502888A National Guard Title 32 Support to CINC Counternarcotics Activities;X-0-03;
Includes manpower authorizations and related costs as applicable. This program element is for use by Army activities in execution of CINC Counternarcotics programs funded by transfer appropriation from DOD Counternarcotics Funds Account. Activities funded in this program element will only be those approved by the Secretary of Defense and supported by transfer appropriation.

Excludes baseline activities for counternarcotics resourced in standard service program elements and Special Operations activities in Major Program 11.

05028880 (A,F) National Guard Title 32 Support to CINC Counterdrug Activities;X-94-2;;
Includes civilian and military authorizations and related costs as applicable. This program element is for use by Army and Air Force National Guard activities in execution of CINC Counterdrug programs funded by transfer appropriation. Include only those activities/projects approved by the Secretary of Defense and supported by

transfer appropriation.

May have civilian and military authorizations associated. Excludes baseline activities for counterdrugs resourced in standard service program elements and Special Operations activities in Major Program 11.

05028890 (A,F) National Guard Title 10 Support to Counterdrug Activities;X-94-2;;
Includes civilian and military authorizations and related costs as applicable. This program element is for use by Army and Air Force activities in execution of CINC counterdrug programs funded by transfer appropriation. Includes only those activities/projects approved by the Secretary of Defense and supported by transfer appropriation.

May have civilian and military authorizations associated. Excludes OPTEMPO funding, baseline activities for counterdrugs resourced in standard service program elements, and Special Operations activities in Major Program 11.

0502893A Force-Related Training of Army National Guard Combat Units ;X-96-1;;
Includes OMNG funds specifically identified as measurable for reimbursing the temporary duty travel costs to Active Component soldiers conducting duties associated with combat platoon lanes training, gunnery, and individual and command/staff training during annual training (AT). Also includes reimbursements for Active Component soldiers providing Ground Forces Readiness Enhancement (GFRE) support during Annual Training (AT) and inactive duty training conducted by Enhanced Brigades and Contingency Force Pool units. Provides for reimbursement to Active Component units of additional costs incurred by assumption of responsibilities to the ARNG unit. Also provides funds for sustaining Operational Readiness Evaluation Teams.

Excludes manpower and Military Pay, Army and military construction costs.

0502896N Base Operations - Fleet Support Subsurface Units;X-95-1;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following functional categories of effort:

Administration: Installation Headquarters Administration and Command (including squadron level responsible for Base Operations), Installation Comptroller Services, Installation ADP Services, Installation Information Activities, Installation Legal Activities, Civilian Personnel Administration, Installation Military Personnel, Administration Installation Printing and Reproduction, Installation Safety, Installation Management Analysis/Management Engineering.

Retail Supply Operations: Installation Supply Activities, Installation Procurement Operation, Installation Storage Activ ities.

Maintenance of Installation Equipment: (Includes maintenance of administrative aircraft, vehicles and equipment; but excludes maintenance of tactical equipment, combat vehicle and mission aircraft).

Other Base Services: Installation Transportation Activities, Installation Training (excludes Troop training and tactical exercise). Installation Physical and Police Activities, Laundry and Dry Cleaning (for troop support and other appropriated fund activities). Installation AirField/Air Base Operations (control tower, weather, flight

service, etc.) Installation Restoration.

Bachelor Housing Operations and Furnishing: (management; housing assignment, care of quarters, provisions, care preservation and maintenance of furnishings, etc.)

Other Personnel Support: Food Service; Social Action; Community Service; Chaplain Services; Bands; Morale, Welfare and Recreation.

Excluded are the following functional categories which are a part of the standard definition of Base Operating Support, but are reported under separate PEs: Real Property Services, Minor Construction, Maintenance and Repair, Base Communications, Commissary Operations (Retail and Troop Issue), Station Hospitals, Medical and Dental Clinics and Dispensaries, Family Housing.

0502898N Management Headquarters (Sea Control/Projection);X-80-005;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Mobilization Reserves: NR Naval Air Force Atlantic, MR Maval Air Force Pacific.

0502901A Special Purpose Division Forces (AR) (H);;

0502902A Other Divisions (AR) (H);;

0502903A Non-Divisional Units (AR) (H);;

0502904A Command Headquarters-Divisional (AR) (H);;

0502911A Division Forces (AR);X-91-2;;
Includes USAR manpower authorizations, peculiar and support equipment, necessary facilities, and associated costs specifically identified and measurable to TOE division. Operation of combat divisions exclusive of nonorganic forces. Includes TOE airborne, armored, infantry (mechanized, light, motorized), cavalry, air assault divisions, and all organic assigned subordinate brigades, battalions, and other subordinate units, including augmentation TDAs.

0502912A Nondivisional Combat Brigades/Regiments (AR);X-91-2;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs

specifically identified and measurable to these USAR units. Operation of TOE units assigned to separate brigades/regiments.

0502913A Other Nondivisional Combat Units (AR);X-91-2;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to these USAR units. Excludes Theater Defense Forces. Operation of separate nondivisional combat unit (field artillery, air defense, infantry, combat engineer, and aviation) which directly support division forces.

0502914A Tactical Support Forces (AR);X-91-2;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to USAR units having primary missions of providing communications, intelligence, medical, logistics, administration, and other tactical support to military operations in Europe, the Pacific, and other areas as required.

0502923A Non Divisional Combat Units (AR)(Nonaffiliated) (H);X-92-4;;
Includes manpower authorizations, peculiar and support equipment,necessary facilities and the associated costs specifically identified and measurable to the following: AR non-Divisional combat units having the primary mission of supporting military operations in Europe, the Pacific, and other areas as required.

HQ & HQ Battery, Field Artillery Group, Field Artillery Battalions, Mechanized Brigades/Battalions, Tank Battalions, Infantry Brigades/Battalions, Engineer Combat Battalions, Engineer Combat Battalions (Heavy), Engineer Companies (Float Bridge), Searchlight Batteries, Assault Helicopter Companies, Armored Cavalry Units

Excludes AR affiliated units.

0502924A Tactical Support Forces (AR)(Nonaffiliated) (H);X-92-4;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: ARNG tactical support units having the primary missions of providing communications, intelligence, medical, logistics, administrative, and other tactical support to military operations in Europe, the Pacific, and other areas as required.

Excludes affiliated tactical support forces.

0502981A Special Mission Forces (AR) (H);X-92-4;;
Includes manpower authorizations, peculiar and support equipment,necessary facilities and the associated costs specifically identified and measurable to the following: AR units whose primary mission, upon mobilization, is to perform special mission type operations such as conducting unconventional warfare; assisting other free nations in their internal defense operations; providing engineering support to the U.S. Air Force; and deploying to and providing for the initial defense of Alaska, Iceland, Panama, and the Caribbean. Type units included are:

Civil Affairs Units, HQ & HQ Companies Special Forces Group, Special Forces Battalions, Army Security Units Special Operations, Military Intelligence Units, U.S. Army Dental Services, U.S. Army Hospital, 100 Bed/300 Bed, Engineer Battalions Construction, Engineer Units Dump Truck, Engineer Units construction Support, Engineer Unit Pipeline Construction Support, HQ & HQ Companies Engineer Groups/Brigades, Construction, Composite Service Units Supply Heavy Material GS, Composite Service Units Repair Parts Supply GS, HQ & HQ Dets Military Police Battalion, TD Augmentations as assigned

Supply & Service Units, Maintenance Units, Replacement Unit, Finance Units, Medical Units, Military Police Units, Infantry Brigades, Postal Units

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0502985A Theater Defense Forces (AR);X-91-2;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: USAR units whose primary mission, upon mobilization, is to provide engineering support to the U.S. Air Force; and deploying to and providing defense of Alaska, Iceland, Panama, and the Caribbean.

05029890 (A,F) USAR and USAFR Support to CINC Counternarcotics Activities;X-91-1;
Includes manpower authorizations and related costs as applicable. This program element is for use by Army and Air Force activities in execution of CINC Counter Narcotics Programs funded by transfer appropriation from DOD Counternarcotics Funds Account. Activities funded in this program element will only be those approved by the Secretary of Defense and supported by transfer appropriation.

Excludes baseline activities for counternarcotics resourced in standard service program elements and Special Operations activities in Major Program 11.

0502993A Force-Related Training of Army Reserve Contingency Force Pool Units;X-96-1;;
Includes OMAR funds specifically identified and measurable to reimbursing the temporary duty travel costs of Active Component soldiers conducting duties associated with Combat Support (CS) and Combat Service Support (CSS) units of the Contingency Force Pool (CFP) unit lanes training, gunnery, and individual and command/staff training during annual training (AT). Also includes reimbursements for Active Component soldiers providing Ground Forces Readiness Enhancement (GFRE) support during AT and inactive duty training conducted by Contingency Force Pool units. Provides for reimbursement to Active Component units of additional costs incurred by assumption of responsibilities for the USAR unit.

Excludes manpower and Military Pay, Army costs.

0502996N Base Operations - Fleet Logistics Support Units;X-95-1;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following functional categories of effort:

Administration: Installation Headquarters Administration and Command (including squadron level responsible for Base Operations), Installation Comptroller Services, Installation ADP Services, Installation Information Activities, Installation Legal Activities, Civilian Personnel Administration, Installation Military Personnel,

Administration Installation Printing and Reproduction, Installation Safety, Installation Management Analysis/Management Engineering.

Retail Supply Operations: Installation Supply Activities, Installation Procurement Operation, Installation Storage Activ ities.

Maintenance of Installation Equipment: (Includes maintenance of administrative aircraft, vehicles and equipment; but excludes maintenance of tactical equipment, combat vehicle and mission aircraft).

Other Base Services: Installation Transportation Activities, Installation Training (excludes Troop training and tactical exercise). Installation Physical and Police Activities, Laundry and Dry Cleaning (for troop support and other appropriated fund activities). Installation AirField/Air Base Operations (control tower, weather, flight service, etc.) Installation Restoration.

Bachelor Housing Operations and Furnishing: (management; housing assignment, care of quarters, provisions, care preservation and maintenance of furnishings, etc.)

Other Personnel Support: Food Service; Social Action; Community Service; Chaplain Services; Bands; Morale, Welfare and Recreation.

Excluded are the following functional categories which are a part of the standard definition of Base Operating Support, but are reported under separate PEs: Real Property Services, Minor Construction, Maintenance and Repair, Base Communications, Commissary Operations (Retail and Troop Issue), Station Hospitals, Medical and Dental Clinics and Dispensaries, Family Housing.

0503011F Other Support (AFR);X-1-001;
Includes all associated costs pertaining to mobilization assignees designated to provide military personnel support to Signal Intell activities in wartime.

0503012F Communication Squadrons (AFR);X-8-06;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Base Support Elements tasked to provide wartime capability to operate and maintain normal in-place base communications functions; Combat Crew Communications Elements tasked to provide point to point communications in support of SAC dispersal and turnaround teams; Collocated Operating Base teams tasked to deploy and provide U.S. communications in wartime to deployed active, reserve, and guard flying units which beddown at overseas COBs.

0503098F Management Headquarters Cryptologic (AFR);X-1-001;
Includes all associated costs pertaining to mobilization assignees designated to provide military personnel support to ESC Staff activities in wartime.

0503098N Management Headquarters (Cryptologic);;

Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to Mobilization Reserves:

NR Security Group Headquarters, Washington, D.C. - Cryptologic NR Director, National Security Agency Headquarters

Excludes nonmanagement headquarters resources.

0503109F Counterintelligence and Investigative Activities (AFR);X-6-04;
Includes manpower authorizations, peculiar and support equipment necessary facilities and the associated costs specifically identified and measurable to mobilizations assignees with assignments to the Office of Special Investigation.

Excludes intelligence mission manpower.

0503110F Air Traffic Control (ANG);X-96-1;;
Provides funding for mobile ANG Air Traffic Control units. Provides O&M sustainment for these forces. Includes civpay/milpay and BOS. Includes manpower authorizations, peculiar and support equipment, necessary facilities, training and other associated costs attributed to supporting the flying missions in both garrison and deployed status.

0503111F Deployable C4 Units (ANG);X-93-4;;
Provides combat forces in combat communications, air traffic control, electronics installation, and communications squadrons units. Provides for operations and maintenance sustainment for these forces. Includes civilian pay/military pay/and BOS in support of these forces.

0503112F Weather Service (ANG);;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to weather squadrons and weather flights.

0503114F Aerospace Rescue/Recovery (ANG);
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to Aerospace Recovery Squadrons (ANG).

0503115F Tactical Cryptologic Units (ANG);X-6-04;
Includes manpower authorization, vehicles and equipment, operating and support costs, facilities costs, exclusive of construction funded from MILCON and all necessary funds to support Tactical Cryptologic Units for the Air National Guard.

0503116F Space/Surveillance Operations (ANG);X-94-5;;

Provides funding for combat Air National Guard combat forces in support of sea launched ballistic missile warning and attack characterization. Includes manpower authorizations for full-time and drill personnel, peculiar and support equipment, necessary facilities, and maintenance support.

0503117F Imagery Exploitation and Production (ANG);X-94-6;;
Provides funding for Air National Guard (ANG) combat forces in support of all-source imagery analysis, exploitation, production, storage, retrieval, and distribution. Includes manpower authorization for full-time and drill personnel, peculiar and support equipment, necessary, and maintenance support.

0503120F Communications Security (USAFR);X-1-001;
Includes funds necessary for the manpower and organizational equipment of five USAFR COMSEC surveillance/ analysis units. The purpose is to provide trained operators and analysts that will contribute to COMSEC training data base information, and thus reduce the loss of sensitive/classified information over unsecured communications links. HQ AFRES is responsible for the operational readiness, administration, personnel, logistical and budgetary support. HQ ESC will establish training standards, assign Air Force advisors, provide training assistance, and evaluate the effectiveness of the units. The units will be located at Brooks AFB, TX; Andrews AFB, MD; Langley AFB, VA; Offutt AFB, NE; and Peterson AFB, CO.

0503121F Space Squadron - AFR;X-92-5;;
Includes manpower authorization, peculiar and support equipment, necessary facilities, training and other and associated costsattributed to the following:

Unit tasked to augment the 1st Space Operations Squadron at Falcon AFB, CO, by providing integral mission control teams and personnel that mirror the active duty crew structure.

0503122F Aerospace Rescue/Recovery (AFR);;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to Aerospace Rescue Recovery Squadrons (AF Reserve), and weapons systems security.

0503123F Undistributed Intelligence Reserve (AFR) (H);X-5-03;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and associated costs specifically identified and measurable to intelligence Individual Manpower Authorization (IMA) spaces of the Selected Reserve which cannot in advance be specifically dedicated to augment HQ USAF, Air Force MAJCOM, SOA or Unified Command intelligence elements in wartime.

0503124F Weather Service (AFR);;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to mobilization assignees assigned to weather service, weather squadrons,

weather flights, and WC-130 squadrons.

0503125F Intelligence Data Handling System (AFR);;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to mobilization assignees designated to support the Intelligence Data Handling System.

0503126F Intelligence Support Activities (AFR);;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to mobilization assignees designated to support the intelligence support activities.

0503127F Defense Special Security System (AFR) (H);X-5-03;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to mobilization assignees designated to support the Defense Special Security System.

0503128F Service Support to DIA (AFR);;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to mobilization assignees designated to provide military personnel support to DIA.

0503129F Scientific and Technical Intelligence (AFR);;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to mobilization assignees designated to support scientific and technical intelligence.

0503131N Fleet Intelligence Support Activity;X-78-014;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Mobilization Reserves: NR Naval Intelligence Command Task Group

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0503132N Cryptologic Activities;X-78-014;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Mobilization Reserves:

NR Security Group Activities Atlantic/Pacific, NR Security Group Activities, NR Security Group Security Station, NR Security Group Departments, NR Security Group Detachments.

0503136N Intelligence Support Center;X-2-006;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Mobilization Reserves:

NR Naval Intelligence Support Center Units

0503137N Elint Centers;X-78-014;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Mobilization Reserves: NR Atlantic Electronic Intelligence.

0503138N Intelligence Production Activities;X-78-014;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Mobilization Reserves: NR Navy Field Operational Intelligence Office, NR Naval Ocean Surveillance Information Center, NR Fleet Ocean Surveillance Information Center, NR Fleet Intelligence Rapid Support Team, NR Fleet Ocean Surveillance Information Facility, NR U.S. Southern Command.

0503139N Scientific and Technical Intelligence;X-79-011;
Mobilization Reserves: NR Naval Intelligence Support Center Acoustic Intelligence, NR Naval Intelligence Support Center Headquarters, NR Naval Intelligence Support Center Physiological and Biological Science, NR Naval Intelligence Support Center Systems Support, NR Naval Intelligence Command Translations, NR Naval Intelligence Support Center Space and Weapons Technology

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0503140N Intelligence Data Handling System (H);X-78-003;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to Selected Reserve Units:

NR Intelligence Data Handling System Divisions, NR Naval Intelligence Processing Systems Support Activities.

0503141N Intelligence Support Activities;X-2-006;

Mobilization Reserves:

NR DEFDOCUMENT NR DEFINTERROG

0503143N Cryptologic Communications;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to selected reserve units:

NR Security Group Divisions, NR Security Group Detachments, NR Naval Security Station, NR Security Group Activities, NR Security Group Departments, Naval Communications Area Master Station, NR Naval Security Group Headquarters - Washington, D.C.

0503144N Intelligence Communications and Defense Special Security System;X-2-006;
Includes manpower authorizations, peculiar and support equipment, necesssary facilities and the associated costs specifically identified and measurable to Selected Reserve Units:

NR Security Group Detachments/Special Security NR Special Security, Naval Air Stations NR Special Security Group Detachments NR Intelligence Communications, Naval Security Station, Naval Intelligence Processing System Support Activities NR Special Security Group Activities NR Security Group Activities NR Intelligence Communications, Naval Security Group Department, Naval Communications Stations NR Special Security Commander, Naval Bases NR Security Group Department, Naval Communications Stations NR Special Security, Naval Security Group Divisions

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0503154N Navy Communications (NAVCOM);X-78-014;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Mobilization Reserves: NR Telecommunication Communication Area Master Station, NR Telecommunication Advanced Base Functional Components, NR Telecommunication Air Transportable Communications Unit, NR Telecommunication Station, NR Telecommunication Center, NR Telecommunication Radio Station, NR Telecommunication Unit.

0503155N Long-Haul Communications (NR);;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Other (than platform) Reinforcement Units (ORU): NAVCOMSTA (DCS), Drill Pay Authorizations

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0503158N Communications Security (COMSEC);;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to Selected Reserve units:

NR Communications Security/Security Group Divisions, NR Communications Security/Security Group Detachments, NR

Communications Security/Security Group Activities, NR Communications Security/Security Group Departments, NR Communications Security/Security Naval Security Group Command Headquarters - Washington, D.C.

0503170N Weather Service;X-78-014;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Mobilization Reserves: NR Naval Weather Service, NR office of the Oceanographer.

0503174N Counterintelligence and Investigative Activities;X-78-014;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Mobilization Reserves: NR Naval Investigative Service Office, NR Naval Investigative Service Headquarters.

0503196F Base Operations - Comm/Intell (AFR);X-95-1;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following functional categories of effort:

Administration: Installation Headquarters Administration and Command (including squadron level responsible for Base Operations), Installation Comptroller Services, Installation ADP Services, Installation Information Activities, Installation Legal Activities, Civilian Personnel Administration, Installation Military Personnel, Administration Installation Printing and Reproduction, Installation Safety, Installation Management Analysis/Management Engineering.

Retail Supply Operations: Installation Supply Activities, Installation Procurement Operation, Installation Storage Activ ities.

Maintenance of Installation Equipment: (Includes maintenance of administrative aircraft, vehicles and equipment; but excludes maintenance of tactical equipment, combat vehicle and mission aircraft).

Other Base Services: Installation Transportation Activities, Installation Training (excludes Troop training and tactical exercise). Installation Physical and Police Activities, Laundry and Dry Cleaning (for troop support and other appropriated fund activities). Installation AirField/Air Base Operations (control tower, weather, flight service, etc.) Installation Restoration.

Bachelor Housing Operations and Furnishing: (management; housing assignment, care of quarters, provisions, care preservation and maintenance of furnishings, etc.)

Other Personnel Support: Food Service; Social Action; Community Service; Chaplain Services; Bands; Morale, Welfare and Recreation.

Excluded are the following functional categories which are a part of the standard definition of Base Operating Support, but are reported under separate PEs: Real Property Services, Minor Construction, Maintenance and Repair, Base Communications, Commissary Operations (Retail and Troop Issue), Station Hospitals, Medical and Dental Clinics

and Dispensaries, Family Housing.

0503198N Management Headquarters (General Defense Intelligence Program);X-2-006;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Mobilization Reserves:

NR Naval Intelligence Command Resource Management, NR Naval Intelligence Command Task Group Management, NR Naval Intelligence Command Headquarters, NR US Southern Command, NR CINCUSNAVEURINTEL, NR COMMINE WARCOM, NR COMNAVSURFPAC, NR NORAD

0503298N Management Headquarters (Communications Security);;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to Mobilization Reserves:

NR Security Group Headquarters, Washington, D.C. - Communications Security.

Excludes nonmanagement headquarters resources.

0503303N Field Operational Intelligence Office;X-2-006;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Mobilizaton Reserves:

NR FOIO UNITS, NR NOSIC UNITS

0503313F Air Traffic Control and Telecom Electronic Support (AFR);X-1-005;
Program identifies mobilization augmentees used to support the Air Force Communications Command's mission to provide air traffic control and telecommunications-electronics support.

Data automation (0509313F) and management headquarters (0503398F) support mobilization augmentees.

0503314F Traffic Control/ Approach/Landing (ATCALS) (AFR);X-95-2;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: control tower, rapcons, ground control Approach systems, instrument landing systems, homing beacons, tacan, air/ground communications, ancillary equipment, direction finders, flight evaluation, microwave landing systems, certification of facilities, navigation publications.
Excludes traffic control navigational facilities, certification, telecommunications activities covered under base

operations that are provided by FAA and management headquarters resources (PE 0503938)

0503329N European Command GDIP Activities;X-2-006;
Includes manpower authorizations, peculiar and support equipment,necessary facilities and the associated costs specifically identified and measurable to the following:

Mobilization Reserves:

NR FOSIF ROTA, NR FOSIC LONDON

0503330N Pacific Command GDIP Activities;X-2-006;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Mobilization Reserves:

NR FOSIC PAC, NR FOSIF WESTPAC, NR Intell Cen Pac, NR FICPAC, NR FIRST PAC

0503331N Atlantic Command GDIP Activities;X-2-006;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Mobilization Reserves: NR FICEURLANT, NR LANTELINT, NR FOSIC NORVA, NR FIRSTEURLANT.

0503335N ADP GDIP Support;X-2-006;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Mobilization Reserves:

NR NIPSSA

0503398F Management Headquarters (Communications) (H);X-95-3;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: specifically identified and measurable to mobilization assignees allocated in support of:

Navy: Mobilization Reserves: NR Telecommunication Headquarters, Washington, D.C.

Air Force: Air Force Communications Command Headquarters.

Excludes nonmanagement headquarters resources.

0503398N Management Headquarters (Communications);X-2-006;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: specifically identified and measurable to mobilization assignees allocated in support of:

Navy: Mobilization Reserves: NR Telecommunication Headquarters, Washington, D.C.

Air Force: Air Force Communications Command Headquarters.

Excludes nonmanagement headquarters resources.

0503505N Service Support to NSA (NR);;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Selected Reserve Units designed tougment National Security Agency/Central Security Service.

0503584N Defense Attache System (NR) (H);X-80-009;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Other (than platform) Reinforcement Units (ORU): Contingency Group, Defense Intelligence, Attache System, Attache.

Drill Pay Authorizations

0503596N Base Operations - Communications Units;X-95-1;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following functional categories of effort:

Administration: Installation Headquarters Administration and Command (including squadron level responsible for Base Operations), Installation Comptroller Services, Installation ADP Services, Installation Information Activities, Installation Legal Activities, Civilian Personnel Administration, Installation Military Personnel, Administration Installation Printing and Reproduction, Installation Safety, Installation Management Analysis/Management Engineering.

Retail Supply Operations: Installation Supply Activities, Installation Procurement Operation, Installation Storage Activ ities.

Maintenance of Installation Equipment: (Includes maintenance of administrative aircraft, vehicles and equipment; but excludes maintenance of tactical equipment, combat vehicle and mission aircraft).

Other Base Services: Installation Transportation Activities, Installation Training (excludes Troop training and tactical exercise). Installation Physical and Police Activities, Laundry and Dry Cleaning (for troop support and other appropriated fund activities). Installation AirField/Air Base Operations (control tower, weather, flight service, etc.) Installation Restoration.

Bachelor Housing Operations and Furnishing: (management; housing assignment, care of quarters, provisions, care preservation and maintenance of furnishings, etc.)

Other Personnel Support: Food Service; Social Action; Community Service; Chaplain Services; Bands; Morale, Welfare and Recreation.

Excluded are the following functional categories which are a part of the standard definition of Base Operating Support, but are reported under separate PEs: Real Property Services, Minor Construction, Maintenance and Repair, Base Communications, Commissary Operations (Retail and Troop Issue), Station Hospitals, Medical and Dental Clinics and Dispensaries, Family Housing.

0503805F Service Support to National Security Agency (AFR);X-1-001;
Includes all associated costs pertaining to mobilization assignees designated to provide military personnel for Intell support to the NSA in wartime.

0503809N Service Support to Defense Intelligence Agency;X-80-009;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Mobilization Reserves: NR Defense Document, NR Defense Interrogation, NR Defense Attache, NR Defense Intelligence Agency Headquarters

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05038890 (A,F,M,N) Counterdrug Support, Reserves;X-94-2;;
Captures costs of Reserve forces specifically identified and measurable to Counterdrug detection or monitoring; command, control, communication, and assets dedicated to the detection of illegal drugs and integrated into communication networks; other equipment required for drug interdiction/eradication/host nation operations assigned and/or directed, and any Procurement, MILCON, RDT&E of Reserve unique operational systems, and operating and maintenance costs associated with the Reserves. Includes both direct as well as reimbursable funding for all Reserve forces. Include only projects/activities approved by the Secretary of Defense and supported by the transfer appropriation.

This PE may have civilian and military authorizations associated. Excludes OPTEMPO, demand reduction funding, and special operations activities in Major Program 11.

0503911A Intelligence Support Activities (AR);;
Includes manpower authorizations, peculiar and support equipment,necessary facilities and the associated costs specifically identified and measurable to the following: Strategic Intelligence Units

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0504111F C-97 Military Airlift Squadrons (ANG) (H);;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Military Airlift Wing Headquarters, Military Airlift Groups, Military Airlift Squadrons, Consolidated Aircraft Maintenance Squadrons, Supply Squadrons, Support Squadrons, Tactical Hospitals/USAF Dispensaries, Weapon System Security.

Excludes flying training (see Training element in this program).

0504112F C-119 Aeromed Squadrons (ANG) (H);;

0504113F C-121 Military Airlift Squadrons (ANG) (H);;

0504114F C-124 Military Airlift Squadrons (ANG) (H);;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Military Airlift Wing Headquarters, Military Airlift Groups, Military Airlift Squadrons, Consolidated Aircraft Maintenance Squadrons, Supply Squadrons, Support Squadrons, Tactical Hospitals/USAF Dispensaries, Weapons System Security.

Excludes flying training (see Training element in this program).

0504116F Aeromedical Airlift Group (ANG) (H);;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Aeromedical Airlift Group, Aeromedical Airlift Squadron, Consolidated Aircraft Maintenance Squadron, Supply Squadron, Support Squadron.

0504117F C-19 Strategic Airlift (ANG) (H);X-8-04;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Strategic Airlift Wing Headquarters; Strategic Airlift Group Headquarters; Strategic Airlift Squadrons; Consolidated Aircraft Maintenance Squadrons; Resources Management Squadrons; Support Squadrons; Weapons System Security.

0504118F C-141 Strategic Airlift Squadrons (ANG);X-4-06;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Strategic Airlift Wing Headquarters; Strategic Airlift Group Headquarters; Strategic Airlift Squadrons; Consolidated Aircraft Maintenance Squadrons; Supply Squadrons; Support Squadrons; and Weapons System Security.

0504119F C-5 Strategic Airlift Squadrons (ANG);X-4-02;
Includes manpower authorizations, peculiar and support equipment, and the associated costs specifically identified and measurable to the following:

Strategic Airlift Wing Headquarters; Strategic Airlift Group Headquarters; Strategic Airlift Squadrons; Consolidated Aircraft Maintenance Squadrons; Supply Squadrons; Support Squadrons; and Weapons System Security.

0504120F Aerial Port Units (ANG);X-4-06;
Includes manpower authorizations, peculiar and support equipment, necessary facilities, and the associated costs specifically identified and measurable to aerial port units.

Excludes air cargo material handling (436-L) equipment. (See PE 0401214F).

0504121F C-17 Strategic Airlift Squadrons (ANG);X-4-06;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Strategic Airlift Wing Headquarters; Strategic Airlift Group Headquarters; Strategic ASirlift Squadrons; Consolidated Aircraft Maintenance Squadrons; Supply Squadrons; Support Squasdrons; and Weapons Systems Security.

0504210F C-141 Strategic Airlift Squadrons (AFR-Equipped);X-4-06;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Strategic Airlift Wing Headquarters; Strategic Airlift Group Headquarters; Strategic Airlift Squadrons; Field Maintenance Squadrons; Organizational Maintenance Squadrons; Avionics Maintenance Squadrons; Air Base Support Squadrons/Groups; Mobility Support Squadrons; Communications Flights; Weapons System Security Flights; and USAF Hospitals/Clinics. Includes drill pay spaces, active duty Air Reserve technician authorizations, and active duty advisors.

Excludes flying training (see training element in this program).

0504211F C-124 Military Airlift Squadrons (H);;

0504212F Aerial Port Units (AFR);X-3-02;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to Aerial Port Units.

Excludes air cargo material handling (463-L) (see appropriate element in Program 4).

0504213F Airlift Support Squadrons (Mobile Enroute (AFR) (H);;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to Airlift Support Squadrons (Mobile).

0504214F C-17 Strategic Airlift Squadrons (AFR-Equipped);X-4-06;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Strategic Airlift Wing Headquarters; Strategic Airlift Group Headquarters; Strategic Airlift Squadrons; Field Maintenance Squadrons; Organizational Maintenance Squadrons; Avionics Maintenance Squadrons; Air Base Support Squadrons/Groups; Mobility Support Squadrons; Communications Flights; Weapons Systems Security Flights; and USAF Hospitals/Clinics. Includes drill pay spaces, active duty Air Reserve technician authorizations, and active duty advisors.

Excludes flying training (see training element in this program).

0504215F C-141 Airlift Squadrons (AFR-Associate);X-5-03;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Military Airlift Wings; Military Airlift Squadrons; Aircraft Maintenance Squadrons; Communication Flights; Drill Pay Spaces and Air Reserve Technician Authorizations

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0504216F C-9 Squadrons (AFR Associate);X-95-1;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Aeromedical Airlift Group Headquarters, Aeromedical Airlift Squadron, Aircraft Maintenance Squadron, Communications Flight, Drill Pay Spaces and Air Reserve Technicians Authorizations, Aeromedical Evacuation Squadron.

0504217F C-5 Airlift Squadrons (AFR-Associate);X-5-03;

Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Military Airlift Wing Headquarters; Military Airlift Squadrons; Aircraft Maintenance Squadrons; Communications Flights; Drill Pay Spaces and Air Reserve Technician Authorizations.

0504218F C-17 Airlift Squadrons (AFR-Associate);X-5-03;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Military Airlift Wings; Military Airlift Squadrons; Aerial Port Flights; Communication Flights; Drill Pay Spaces and Air Reserve Technician Authorizations.

0504219F C-5 Strategic Airlift Squadrons (AFR-Equipped);X-4-02;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Strategic Airlift Wing Headquarters; Strategic Airlift Group Headquarters; Strategic Airlift Squadrons; Field Maintenance Squadrons; Organizational Maintenance Squadrons; Avionics Maintenance Squadrons; Air Base Support Squadrons/Groups; Mobility Support Squadrons; Communications Flights; Weapon System Security Flights; and USAF Hospitals/Clinics.

Includes drill pay spaces, active duty Air Reserve technician authorizations, and active duty advisors.

Excludes flying training (see training element in this program).

0504314F Operational Support Airlift (ANG);X-6-04;
Includes manpower authorizations, peculiar and common support equipment, spares, operating and support costs, facilities costs exclusive of construction funded from MILCON and all necessary funds to support operational support airlift for the Air National Guard.

0504316N Military Sealift Command Area Headquarters;X-78-014;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Mobilization Reserves: NR Military Sealift Command Office, NR Military Transport Unit Atlantic/Pacific

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0504321N Port Terminal Operations;X-2-006;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

NR Military Traffic Management Units

0504331F C-123 Squadrons (ANG) (H);;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Tactical Airlift Wing Headquarters, Tactical Airlift Group Headquarters, Tactical Airlift Squadrons, Weapons Systems Security, Combat Support Squadron/Group, Mobility Support Squadron, Tactical Hospital/Tactical Clinics, Communications Flight, Aerial Port Flight, Civil Engineer Flight.

Excludes flying training (see Training element in this program).

0504332F C-130 Tactical Airlift Squadrons (ANG);X-1-003;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Tactical Airlift Wing Headquarters, Tactical Airlift Group Headquarters, Tactical Airlift Squadrons, Consolidated Aircraft Maintenance Squadrons, Combat Support Squadrons/Group, Tactical Hospitals/Tactical Clinics, Weapon Systems Security, Mobility Support Flights, Civil Engineer Flight.

Excludes flying training (See Training element in this program).

0504333F C-7A Tactical Airlift Squadrons (ANG) (H);X-5-03;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Tactical Airlift Wing Headquarters, Tactical Airlift Group Headquarters, Tactical Airlift Squadrons, Consolidated Aircraft Maintenance Squadrons, Combat Support Squadrons/Group, Tactical Hospitals/Tactical Clinics, Aerial Port Flights, Weapon Systems Security, Mobility Support Flights, Civil Engineering Flight.

Excludes flying training (See Training element in this program).

0504342F C-123 Tactical Airlift Squadrons (AFR) (H);X-92-4;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Tactical Airlift Wing Headquarters; Tactical Airlift Group Headquarters; Tactical Airlift Squadrons/Group; Combat Support Squadrons; Consolidated Aircraft Maintenance Squadrons; Tactical Dispensary/Hospital; Weapon Systems Security Flights; Communication Flights; Mobility Support Flights; Includes Drill Pay Spaces, Air Reserve Technician Authorizations and Active Duty Advisors.

0504343F C-130 Tactical Airlift Squadrons (AFR);X-3-02;

Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Tactical Airlift Wing Headquarters; Tactical Airlift Squadrons; Tactical Hospitals/Tactical Clinics; Consolidated Aircraft Maintenance Squadrons; Tactical Airlift Group Headquarters; Combat Support Squadrons/Group; Weapon Systems Security Flights; Communication Flights; Mobility Support Flights; Also includes Drill Pay Spaces and Air Reserve Technician Authorizations and Active Duty Advisors.

Excludes flying training (see Training element in this program).

0504344F C-7A Tactical Airlift Squadrons (AFR) (H);X-6-01;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Tactical Airlift Wing Headquarters; Tactical Airlift Group Headquarters; Tactical Airlift Squadron; Combat Support Squadron/Group; Consolidated Aircraft Maintenance Squadron; Tactical Dispensary/Hospital; Mobility Support Flight; Weapon Systems Security Flight; Communication Flight; AFR Drill Pay Spaces, Air Reserve Technicians and Active Duty Authorizations.

0504396F Base Operations - Airlift (AFR);X-95-1;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following functional categories of effort:

Administration: Installation Headquarters Administration and Command (including squadron level responsible for Base Operations), Installation Comptroller Services, Installation ADP Services, Installation Information Activities, Installation Legal Activities, Civilian Personnel Administration, Installation Military Personnel, Administration Installation Printing and Reproduction, Installation Safety, Installation Management Analysis/Management Engineering.

Retail Supply Operations: Installation Supply Activities, Installation Procurement Operation, Installation Storage Activ ities.

Maintenance of Installation Equipment: (Includes maintenance of administrative aircraft, vehicles and equipment; but excludes maintenance of tactical equipment, combat vehicle and mission aircraft).

Other Base Services: Installation Transportation Activities, Installation Training (excludes Troop training and tactical exercise). Installation Physical and Police Activities, Laundry and Dry Cleaning (for troop support and other appropriated fund activities). Installation AirField/Air Base Operations (control tower, weather, flight service, etc.) Installation Restoration.

Bachelor Housing Operations and Furnishing: (management; housing assignment, care of quarters, provisions, care preservation and maintenance of furnishings, etc.)

Other Personnel Support: Food Service; Social Action; Community Service; Chaplain Services; Bands; Morale, Welfare and Recreation.

Excluded are the following functional categories which are a part of the standard definition of Base Operating

Support, but are reported under separate PEs: Real Property Services, Minor Construction, Maintenance and Repair, Base Communications, Commissary Operations (Retail and Troop Issue), Station Hospitals, Medical and Dental Clinics and Dispensaries, Family Housing.

0504398N Management Headquarters (Sealift);X-78-014;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Mobilization Reserves: NR Military Sealift Command Headquarters

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0504498F Management Headquarters (Mobility Forces);X-1-006;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to mobilization assignees allocated in support of: HQ, Military Airlift Command, (MAC); HQ 21st Air Force; HQ 22nd Air Force.

Excludes nonmanagement headquarters resources.

0504932A Port Terminal Operations (AR);;
Includes manpower authorizations, peculiar and support equipment,necessary facilities and the associated costs specifically identified and measurable to the following: U.S. Army reserve units with a mobilization mission to augment port terminal operations in the CONUS upon mobilization.

U.S. Army Holding and Reconsignment Points, U.S. Army Out Ports, U.S. Army Port Detachments, Personnel Service Co.

0505001D National Guard and Reserve Equipment;X-93-2;;

05050560 (M,N) Environmental Compliance;X-94-6;;
Environmental Compliance includes actions to achieve and maintain full and sustained compliance with federal, state, and local environmental laws and regulations, Executive Orders, host nation regulations and DoD policies. Applies to workyears, training, travel, supplies, permits, fees, support equipment, service, and facilities (if the primary purpose is to comply with environmental standards) and the associated costs specifically identified and measurable to environmental compliance.

Funds all costs related to environmental compliance, including:

A. Recurring costs of environmental program management, daily operations and services, permits, fees, certifications, studies, and licenses; civilian workyears; education and training of environmental programs; hazardous waste management and disposal; sampling, analysis, monitoring and surveys; supplies, equipment, and travel.

B. Nonrecurring costs of projects/services required to bring DoD into compliance with environmental standards or comply with a notice of violation (Class I); to prevent DoD from failing to meet impending environmental standards (Class II); or to enhance the environment beyond legal requirements (Class III);
C. Pest management programs to meet FIFRA standards for pest management and pesticide storage, handling or use standards;
D. Overseas cleanup, as well as overseas compliance, efforts; and
E. Certification of innovative technology for DoD applications.

Excluding:

A. Efforts funded under Defense Environmental Restoration Account, Conservation, Pollution Prevention, BRAC or Occupational Health and Safety auspices;
B. Research and Development efforts associated with compliance, which are covered under specific R&D program elements;
C. Normal maintenance and repair to keep systems in working order, system replacement as part of normal replacement cycle; and normal installation operations (i.e. solid waste disposal including tipping fees, landfill operations, etc.); normal wastewater treatment plants, both domestic and industrial, which are appropriately included in base operations;
D. Upgrade/alteration of an industrial process undertaken for other than environmental purposes;
E. Environmental certification/licenses funded separately from mandatory requirements and training;
F. Routine pest control applications required to preserve structural integrity, properly charged to RPM and health applications, such as, mosquito control.

0505076N Minor Construction (RPM) - Other Naval Res;X-91-3;;
Includes manpower authorizations, peculiar and support equipment, necessary faclities and the associated cost specifically identified and measurable to the following:

All construction costing less than the statutory maximum amount for a Minor Military Construction project as established by section 2805 of title 10 U.S.C.in support of Naval Reserve facilities other than reserve air bases, detachments, and units.

0505078N Maintenance and Repair (RPM) - Other Naval Res;X-91-3;;
Includes manpower authorizations, peculiar and support equipment, necessary faclities and the associated cost specifically identified and measurable to the following:

Maintenance and repair of real property, i.e., utilities, buildings, other facilities, pavements, (roads, parking areas, runways, etc.), land, and grounds. Includes, but not limited to, such things as repair of electrical circuitry, heating and air conditioning, water piping, and routine maintenance work such as caulking, painting, etc. in support of Naval Reserve facilities other than reserve air bases, detachments, and units.

0505094N Real Property Maintenance - Other Naval Res (H);X-93-2;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Real property maintenance of Naval Reserve facilities other than Reserve Air Bases, detachments and units.

Maintenance and repair of all real property: utilities systems, buildings, other facilities, pavements (roads, parking area, etc.), land (grounds).

Minor Construction (with other than military construction funds).

Operation of utilities for all real property.

Other engineering support: fire protection, custodial services, entomology services, refuse collection and disposal, snow removal and ice alleviation, rental of real property(excluding payments to GSA), other installation engineering services.

Includes all resources in functional categories 9, 10, 11 and 12 as defined in DoD Instruction 7220.20. Also includes all resources (except manpower and military pay) used by groups/units assigned to repair/construct facilities, roads, parking areas, etc., even if the work is classified as a military unit training project.

Includes funding for reimbursement of Public Works Centers or host installations for real property maintenance of Naval Reserve activities other than Naval Air Bases.

Excludes costs of maintaining family housing. See PE 08087460, Family Housing Maintenance.

0505095N Base Communications - Other Naval Reserve;X-80-006;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to base level communications support of Mobilization Reserves for stations and activation in program 5, excluding Reserve Air Bases.

0505096N Base Operations - Other Naval Reserve;X-95-1;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following functional categories of effort:

Administration: Installation Headquarters Administration and Command (including squadron level responsible for Base Operations), Installation Comptroller Services, Installation ADP Services, Installation Information Activities, Installation Legal Activities, Civilian Personnel Administration, Installation Military Personnel, Administration Installation Printing and Reproduction, Installation Safety, Installation Management Analysis/Management Engineering.

Retail Supply Operations: Installation Supply Activities, Installation Procurement Operation, Installation Storage Activ ities.

Maintenance of Installation Equipment: (Includes maintenance of administrative aircraft, vehicles and equipment; but excludes maintenance of tactical equipment, combat vehicle and mission aircraft).

Other Base Services: Installation Transportation Activities, Installation Training (excludes Troop training and tactical exercise). Installation Physical and Police Activities, Laundry and Dry Cleaning (for troop support and other appropriated fund activities). Installation AirField/Air Base Operations (control tower, weather, flight service, etc.) Installation Restoration.

Bachelor Housing Operations and Furnishing: (management; housing assignment, care of quarters, provisions, care preservation and maintenance of furnishings, etc.)

Other Personnel Support: Food Service; Social Action; Community Service; Chaplain Services; Bands; Morale, Welfare and Recreation.

Excluded are the following functional categories which are a part of the standard definition of Base Operating Support, but are reported under separate PEs: Real Property Services, Minor Construction, Maintenance and Repair, Base Communications, Commissary Operations (Retail and Troop Issue), Station Hospitals, Medical and Dental Clinics and Dispensaries, Family Housing.

0505164N Reserve Aircraft Intermediate Maintenance Department;X-80-009;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable Reserve Aircraft Intermediate Maintenance Departments at Naval Air Stations, Naval Air Facilities and Naval Air Reserve Units.

Excludes Aviation Ground Support Equipment.

0505165F Nuclear/Biological/Chemical Defense Program (ANG) (H);X-95-2;
Nuclear: Pertaining to radiological fallout, blast and heat hazards produced by detonation of nuclear weapons.

Biological: Pertaining to microorganisms which are intended for use in military operations to cause disease in man, plants, or animals or cause the deterioration of materiel.

Chemical: Pertaining to chemical substances which are intended for use in military operations to kill, seriously injure, or incapacitate man through their physiological effects.

Defense: Measures taken to protect personnel and materiel from the hazardous effects of nuclear, biological or chemical weapons. These measures include use of individual protective equipment, shelters, detection and warning equipment, and decontamination or contamination control system.

Excludes military and civilian manpower.

0505166F Nuclear/Biological/Chemical Defense Program (AFR);X-8-06;
Nuclear: Pertaining to radiological fallout, blast and heat hazards produced by detonation of nuclear weapons.

Biological: Pertaining to microorganisms which are intended for use in military operations to cause disease in man, plants, or animals or cause the deterioration of materiel.

Chemical: Pertaining to chemical substances which are intended for use in military operations to kill, seriously injure, or incapacitate man through their physiological effects.

Defense: Measures taken to protect personnel and materiel from the hazardous effects of nuclear, biological or chemical weapons. These measures include use of individual protective equipment, shelters, detection and warning equipment, and decontamination or contamination control system.

Excludes military and civilian manpower.

0505176N Minor Construction (RPM) - Res Air Bases;X-91-3;;
Includes manpower authorizations, peculiar and support equipment, necessary faclities and the associated cost specifically identified and measurable to the following:

All construction costing less than the statutory maximum amount for a Minor Military Construction project as established by section 2805 of title 10 U.S.C.in support of reserve air bases, detachments, and units.

0505178N Maintenance and Repair (RPM) - Res Air Bases;X-91-3;;
Includes manpower authorizations, peculiar and support equipment, necessary faclities and the associated cost specifically identified and measurable to the following:

Maintenance and repair of real property, i.e., utilities, buildings, other facilities, pavements, (roads, parking areas, runways, etc.), land, and grounds. Includes, but not limited to, such things as repair of electrical circuitry, heating and air conditioning, water piping, and routine maintenance work such as caulking, painting, etc. in support of reserve air bases, detachments, and units.

0505194N Real Property Maintenance - Res Air Bases (H);X-93-2;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Real Property maintenance of Reserve Air Bases, detachments and units.

Maintenance and repair of all repair property: utilities systems, buildings, other facilities, pavements (roads, parking areas, etc.), land (grounds).

Minor Construction (with other than military construction funds).

Operation of utilities for all real property.

Other engineering support: fire protection, custodial services, entomology services, refuse collection and disposal, snow removal and ice alleviation, rental of real property (excluding payments to GSA), other installation engineering services.

Includes all resources in functional categories 9, 10, 11, and 12 as defined in DoD Instruction 7220.20. Also includes all resources (except manpower and military pay) used by groups/units assigned to repair/construct facilities, roads, parking areas, etc., even if the work is classified as a military unit training project.

Includes funding for reimbursement of Public Works Centers or host installations for real property maintenance of Reserve Air Activities, detachments and units.

Excludes costs of maintaining family housing. See PE 08087460, Family Housing.

0505195N Base Communications - Reserve Air Bases;X-80-006;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to base level communications support of Mobilization Reserves in program 5 for Reserve Air Bases.

0505196N Base Operations - Reserve Air Bases;X-95-1;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following functional categories of effort:

Administration: Installation Headquarters Administration and Command (including squadron level responsible for Base Operations), Installation Comptroller Services, Installation ADP Services, Installation Information Activities, Installation Legal Activities, Civilian Personnel Administration, Installation Military Personnel, Administration Installation Printing and Reproduction, Installation Safety, Installation Management Analysis/Management Engineering.

Retail Supply Operations: Installation Supply Activities, Installation Procurement Operation, Installation Storage Activ ities.

Maintenance of Installation Equipment: (Includes maintenance of administrative aircraft, vehicles and equipment; but excludes maintenance of tactical equipment, combat vehicle and mission aircraft).

Other Base Services: Installation Transportation Activities, Installation Training (excludes Troop training and tactical exercise). Installation Physical and Police Activities, Laundry and Dry Cleaning (for troop support and other appropriated fund activities). Installation AirField/Air Base Operations (control tower, weather, flight service, etc.) Installation Restoration.

Bachelor Housing Operations and Furnishing: (management; housing assignment, care of quarters, provisions, care preservation and maintenance of furnishings, etc.)

Other Personnel Support: Food Service; Social Action; Community Service; Chaplain Services; Bands; Morale, Welfare and Recreation.

Excluded are the following functional categories which are a part of the standard definition of Base Operating Support, but are reported under separate PEs: Real Property Services, Minor Construction, Maintenance and Repair, Base Communications, Commissary Operations (Retail and Troop Issue), Station Hospitals, Medical and Dental Clinics and Dispensaries, Family Housing.

0505256F Environmental Compliance (ANG);X-94-6;;

DEPARTMENT OF DEFENSE
PROGRAM ELEMENT DEFINITIONS

Environmental Compliance includes actions to achieve and maintain full and sustained compliance with federal, state, and local environmental laws and regulations, Executive Orders, host nation regulations and DoD policies. Applies to workyears, training, travel, supplies, permits, fees, support equipment, service, and facilities (if the primary purpose is to comply with environmental standards) and the associated costs specifically identified and measurable to environmental compliance.

Funds all costs related to environmental compliance, including:

A. Recurring costs of environmental program management, daily operations and services, permits, fees, certifications, studies, and licenses; civilian workyears; education and training of environmental programs; hazardous waste management and disposal; sampling, analysis, monitoring and surveys; supplies, equipment, and travel.
B. Nonrecurring costs of projects/services required to bring DoD into compliance with environmental standards or comply with a notice of violation (Class I); to prevent DoD from failing to meet impending environmental standards (Class II); or to enhance the environment beyond legal requirements (Class III);
C. Pest management programs to meet FIFRA standards for pest management and pesticide storage, handling or use standards;
D. Overseas cleanup, as well as overseas compliance, efforts; and
E. Certification of innovative technology for DoD applications.

Excluding:

A. Efforts funded under Defense Environmental Restoration Account, Conservation, Pollution Prevention, BRAC or Occupational Health and Safety auspices;
B. Research and Development efforts associated with compliance, which are covered under specific R&D program elements;
C. Normal maintenance and repair to keep systems in working order, system replacement as part of normal replacement cycle; and normal installation operations (i.e. solid waste disposal including tipping fees, landfill operations, etc.); normal wastewater treatment plants, both domestic and industrial, which are appropriately included in base operations;
D. Upgrade/alteration of an industrial process undertaken for other than environmental purposes;
E. Environmental certification/licenses funded separately from mandatory requirements and training;
F. Routine pest control applications required to preserve structural integrity, properly charged to RPM and health applications, such as, mosquito control.

0505276F Minor Construction (RPM) - Air National Guard;X-91-3;;
Includes manpower authorizations, peculiar and support equipment, necessary faclities and the associated cost specifically identified and measurable to the following:

All construction costing less than the statutory maximum amount for a Minor Military Construction project as

established by section 2805 of title 10 U.S.C. in support of Air National Guard activities.

0505278F Maintenance and Repair (RPM) - Air National Guard;X-91-3;;
Includes manpower authorizations, peculiar and support equipment, necessary faclities and the associated cost specifically identified and measurable to the following:

Maintenance and repair of real property, i.e., utilities, buildings, other facilities, pavements, (roads, parking areas, runways, etc.), land, and grounds. Includes, but not limited to, such things as repair of electrical circuitry, heating and air conditioning, water piping, and routine maintenance work such as caulking, painting, etc. in support of Air National Guard activities.

0505294F Real Property Maintenance - Air National Guard (H);X-93-2;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Real property maintenance for Air National Guard activities. Bases include, but are not limited to: Bradley AGB, Connecticut; Buckley AGB, Colorado; Cheyenne AGB, Wyoming; Duluth AGB, Minnesota; Gen. B. Mitchell AGB, Wisconsin; Lincoln AGB, Nebraska; McEntire AGB, South Carolina; Otis AGB, Maine; Selfridge AGB, Michigan.

Maintenance and Repair of all real property: utilities systems; buildings; other facilities; pavement (roads, parking areas, etc.); land (grounds).

Minor construction (with other than military construction funds).

Operation of utilities for all real property.

Other engineering support: fire protection; custodial services; entomology services; refuse and collection and disposal; snow removal and ice alleviation; rental of real property, excluding payments to GSA; other installation engineering services.

Includes all resources in functional categories 9, 10, 11 and 12 as defined in DoD Instruction 7220.20. Also includes all resources (except manpower and military pay) used by groups/units assigned to specific BOS tasks on an ad hoc basis such as RED HORSE units assigned to repair/construct facilities, roads, parking areas, etc., even if the work is classified as a military unit training project.

Excludes costs of maintaining family housing. See PE 08087460, Family Housing Maintenance.

0505296F Base Operations - Air National Guard;X-95-1;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following functional categories of effort:

Administration: Installation Headquarters Administration and Command (including squadron level responsible for Base Operations), Installation Comptroller Services, Installation ADP Services, Installation Information Activities, Installation Legal Activities, Civilian Personnel Administration, Installation Military Personnel, Administration Installation Printing and Reproduction, Installation Safety, Installation Management

Analysis/Management Engineering.

Retail Supply Operations: Installation Supply Activities, Installation Procurement Operation, Installation Storage Activ ities.

Maintenance of Installation Equipment: (Includes maintenance of administrative aircraft, vehicles and equipment; but excludes maintenance of tactical equipment, combat vehicle and mission aircraft).

Other Base Services: Installation Transportation Activities, Installation Training (excludes Troop training and tactical exercise). Installation Physical and Police Activities, Laundry and Dry Cleaning (for troop support and other appropriated fund activities). Installation AirField/Air Base Operations (control tower, weather, flight service, etc.) Installation Restoration.

Bachelor Housing Operations and Furnishing: (management; housing assignment, care of quarters, provisions, care preservation and maintenance of furnishings, etc.)

Other Personnel Support: Food Service; Social Action; Community Service; Chaplain Services; Bands; Morale, Welfare and Recreation.

Excluded are the following functional categories which are a part of the standard definition of Base Operating Support, but are reported under separate PEs: Real Property Services, Minor Construction, Maintenance and Repair, Base Communications, Commissary Operations (Retail and Troop Issue), Station Hospitals, Medical and Dental Clinics and Dispensaries, Family Housing.

0505356F Environmental Compliance (AFR);X-94-6;;
Environmental Compliance includes actions to achieve and maintain full and sustained compliance with federal, state, and local environmental laws and regulations, Executive Orders, host nation regulations and DoD policies. Applies to workyears, training, travel, supplies, permits, fees, support equipment, service, and facilities (if the primary purpose is to comply with environmental standards) and the associated costs specifically identified and measurable to environmental compliance.

Funds all costs related to environmental compliance, including:

A. Recurring costs of environmental program management, daily operations and services, permits, fees, certifications, studies, and licenses; civilian workyears; education and training of environmental programs; hazardous waste management and disposal; sampling, analysis, monitoring and surveys; supplies, equipment, and travel.
B. Nonrecurring costs of projects/services required to bring DoD into compliance with environmental standards or comply with a notice of violation (Class I); to prevent DoD from failing to meet impending environmental standards (Class II); or to enhance the environment beyond legal requirements (Class III);
C. Pest management programs to meet FIFRA standards for pest management and pesticide storage, handling or use standards;
D. Overseas cleanup, as well as overseas compliance, efforts; and
E. Certification of innovative technology for DoD applications.

Excluding:

A. Efforts funded under Defense Environmental Restoration Account, Conservation, Pollution Prevention, BRAC or Occupational Health and Safety auspices;
B. Research and Development efforts associated with compliance, which are covered under specific R&D program elements;
C. Normal maintenance and repair to keep systems in working order, system replacement as part of normal replacement cycle; and normal installation operations (i.e. solid waste disposal including tipping fees, landfill operations, etc.); normal wastewater treatment plants, both domestic and industrial, which are appropriately included in base operations;
D. Upgrade/alteration of an industrial process undertaken for other than environmental purposes;
E. Environmental certification/licenses funded separately from mandatory requirements and training;
F. Routine pest control applications required to preserve structural integrity, properly charged to RPM and health applications, such as, mosquito control.

0505376F Minor Construction (RPM) - Air Force Reserve;X-91-3;;
Includes manpower authorizations, peculiar and support equipment, necessary faclities and the associated cost specifically identified and measurable to the following:

All construction costing less than the statutory maximum amount for a Minor Military Construction project as established by section 2805 of title 10 U.S.C.in support of Air Force Reserve activities.

0505378F Maintenance and Repair (RPM) - Air Force Reserve;X-91-3;;
Includes manpower authorizations, peculiar and support equipment, necessary faclities and the associated cost specifically identified and measurable to the following:

Maintenance and repair of real property, i.e., utilities, buildings, other facilities, pavements, (roads, parking areas, runways, etc.), land, and grounds. Includes, but not limited to, such things as repair of electrical circuitry, heating and air conditioning, water piping, and routine maintenance work such as caulking, painting, etc. in support of Air Force Reserve activities.

0505393F C4 System Support (ANG);X-93-4;;
Provides funding for modernization of ANG base level telecommunications, communications-electronics facilities. In addition, provides funding for base level communications- computer services in support of day to day operations.

0505394F Real Property Maintenance - Other (AFR) (H);X-93-2;;
Manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs

specifically identified and measurable to the following:

Real property maintenance for Air Force Reserve activities. Includes maintenance and repair of all real property such as: utilities systems, buildings, other facilities, pavements (roads, parking areas, etc.), land (grounds).

Minor construction (with other than military construction funds).

Major construction (with military construction funds) and planning and design (with military construction funds).

Operation of utilities for all real property.

Other engineering support: fire protection, custodial services, entomology services, refuse collection and disposal, snow removal and ice alleviation, rental of real property, (excluding payments to GSA), other installation engineering services.

Includes all resources in functional categories 9, 10, 11 and 12 as defined in DoD Instruction 7220.20. Also includes all resources (except manpower and military pay) used by groups/units assigned to specific BOS tasks on an ad hoc basis such as RED HORSE units assigned to repair/construct facilities, roads, parking areas, etc., even if the work is classified as a military unit training project.

Excludes costs of maintaining family housing.

0505395F Base Communications - Air Force Reserve;X-1-001;
Includes manpower authorizations, mobilization augmentees, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to DCS and non-DCS resources required to provide Air Force Reserve base communications support and Air Force Reserve Command networks. This program element specifically includes procurement, construction and operations resources for: Base Telephone Systems, Intra-Base Radio Systems, Wire Communications Services, Official Tolls, TWX Usage and Commercial Refiles and Charges, Class B Tolls and Charges, Other Base-Level Commerical Communications Requirements.

Excludes DCS Switched Network Support included in PEs 0303112F and 0303126F.

0505396F Base Operations - Other (AFR);X-95-1;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following functional categories of effort:

Administration: Installation Headquarters Administration and Command (including squadron level responsible for Base Operations), Installation Comptroller Services, Installation ADP Services, Installation Information Activities, Installation Legal Activities, Civilian Personnel Administration, Installation Military Personnel, Administration Installation Printing and Reproduction, Installation Safety, Installation Management Analysis/Management Engineering.

Retail Supply Operations: Installation Supply Activities, Installation Procurement Operation, Installation Storage Activ ities.

Maintenance of Installation Equipment: (Includes maintenance of administrative aircraft, vehicles and equipment; but excludes maintenance of tactical equipment, combat vehicle and mission aircraft).

Other Base Services: Installation Transportation Activities, Installation Training (excludes Troop training and tactical exercise). Installation Physical and Police Activities, Laundry and Dry Cleaning (for troop support and other appropriated fund activities). Installation AirField/Air Base Operations (control tower, weather, flight service, etc.) Installation Restoration.

Bachelor Housing Operations and Furnishing: (management; housing assignment, care of quarters, provisions, care preservation and maintenance of furnishings, etc.)

Other Personnel Support: Food Service; Social Action; Community Service; Chaplain Services; Bands; Morale, Welfare and Recreation.

Excluded are the following functional categories which are a part of the standard definition of Base Operating Support, but are reported under separate PEs: Real Property Services, Minor Construction, Maintenance and Repair, Base Communications, Commissary Operations (Retail and Troop Issue), Station Hospitals, Medical and Dental Clinics and Dispensaries, Family Housing.

0505610A Information Management-Automation-Program 5;X-5-08;
Includes civilian and military manpower authorizations and related costs as applicable. Provides resources for staff supervision at major command (MACOM) and installation levels of information management activities; includes all costs associated with mission-related data processing facilities to include personnel, supplies, equipment, design costs, analysis, programming, and operation and maintenance expenses; provides resources required by Product, Program, and Project Managers designated by the senior ADP policy official; provides resources for the operation of organizations, and segments thereof, responsible for the design, coding, testing, documenting, and subsequent maintenance and/or modification of computer operating or applications programs developed for use Army of MACOM-wide.

0505776M Minor Construction (RPM) - Marine Corps Reserve;X-91-3;;
Includes manpower authorizations, peculiar and support equipment, necessary faclities and the associated cost specifically identified and measurable to the following:

All construction costing less than the statutory maximum amount for a Minor Military Construction project as established by section 2805 of title 10 U.S.C.in support of Marine Corps Reserve activities.

0505778M Maintenance and Repair (RPM) - Marine Corps Reserve;X-91-3;;
Includes manpower authorizations, peculiar and support equipment, necessary faclities and the associated cost specifically identified and measurable to the following:

Maintenance and repair of real property, i.e., utilities, buildings, other facilities, pavements, (roads, parking areas, runways, etc.), land, and grounds. Includes, but not limited to, such things as repair of electrical circuitry, heating and air conditioning, water piping, and routine maintenance work such as caulking, painting, etc. in support of Marine Corps Reserve activities.

0505794M Real Property Maintenance - Marine Corps Reserve (H);X-93-2;;

Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: Real Property Maintenance for Marine Corps Reserve activities including:

Maintenance and repair of all real property: utilities systems, buildings, other facilities, pavements (roads, parking areas, etc), land (grounds).

Minor Construction (with other than military construction funds).

Operation of utilities for all real property.

Other engineering support: fire protection, custodial services, entomology services, refuse collection and disposal, snow removal and ice alleviation, rental of real property (excludes payments to GSA), other installation engineering services.

Includes all resources in functional categories 9, 10, 11 and 12 as defined in DoD Instruction 7220.20. Also includes all resources (except manpower and military pay) used by groups/units assigned to apecific BOS tasks on an ad hoc basis such as Naval Construction Force units assigned to repair/construct facilities, roads, parking areas, etc., even if the work is classified a military unit training project.

Excludes costs of maintaining family housing. See PE 08087460, Family Housing Maintenance.

0505796M Base Operations - Marine Corps Reserve;X-95-1;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following functional categories of effort:

Administration: Installation Headquarters Administration and Command (including squadron level responsible for Base Operations), Installation Comptroller Services, Installation ADP Services, Installation Information Activities, Installation Legal Activities, Civilian Personnel Administration, Installation Military Personnel, Administration Installation Printing and Reproduction, Installation Safety, Installation Management Analysis/Management Engineering.

Retail Supply Operations: Installation Supply Activities, Installation Procurement Operation, Installation Storage Activ ities.

Maintenance of Installation Equipment: (Includes maintenance of administrative aircraft, vehicles and equipment; but excludes maintenance of tactical equipment, combat vehicle and mission aircraft).

Other Base Services: Installation Transportation Activities, Installation Training (excludes Troop training and tactical exercise). Installation Physical and Police Activities, Laundry and Dry Cleaning (for troop support and other appropriated fund activities). Installation AirField/Air Base Operations (control tower, weather, flight service, etc.) Installation Restoration.

Bachelor Housing Operations and Furnishing: (management; housing assignment, care of quarters, provisions, care preservation and maintenance of furnishings, etc.)

Other Personnel Support: Food Service; Social Action; Community Service; Chaplain Services; Bands; Morale, Welfare and Recreation.

Excluded are the following functional categories which are a part of the standard definition of Base Operating Support, but are reported under separate PEs: Real Property Services, Minor Construction, Maintenance and Repair, Base Communications, Commissary Operations (Retail and Troop Issue), Station Hospitals, Medical and Dental Clinics and Dispensaries, Family Housing.

0505812A Information Management - Army National Guard;X-92-3;;SB
Includes civilian and military authorizations and associated costs specifically identified and measureable to the following: staff supervision of management information activities at major command (MACOM) and installation levels; all costs associated with mission-related data processing, to include supplies, equipment, design costs, analysis, programing and operation and maintenance; resources required by Product, Program and Project Managers designated by the senior ADP official; operation of organizations or elements thereof, responsible for coding, testing, documenting and subsequent maintenance and modifications of computer operations or applications programs developed for Army- or MACOM-wide use. This program element is effective beginning in fiscal year 1992.

05058530 (A,F) Environmental Conservation - Guard;X-94-6;;
Conservation includes any action specifically required to protect or enhance natural and cultural resources, preserve access to improved and unimproved training areas, and make necessary repairs to minimize erosion and otherwise rehabilitate DoD lands and waters. This includes complying with federal, state and local codes such as the National Historic Preservation Act, Archaeological Resources Protection Act, Native American Graves Protection and Repatriation Act, Endangered Species Act, Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), and the Sikes Act.

Funds all costs associated with direct support of conservation activities, including:

A. Studies and surveys to identify, inventory, and manage existing natural and cultural resources and evaluation of the resources so identified and inventoried;
B. Management costs, including workyears devoted to natural and cultural activities and preparing natural and cultural resource management plans;
C. Permits for use of natural and cultural resources;
D. Certification of innovative technology for DoD applications;
E. Design, construction, maintenance or repair costs specifically required to restore, improve or maintain natural or cultural resources;
F. Supplies and equipment required to carry out applicable natural and cultural resources management activities;
G. Appropriated funds attributable to fish, wildlife, agricultural outleasing and timber management activities.

Excludes:

A. Base Closure costs associated with these programs;
B. Normal maintenance required for appearance, including landscaping;

C. NEPA costs associated with facilities or weapons systems which are included in facility or weapon system costs;
D. Activities funded in the Defense Business Operations Fund (DBOF), which are charged to the appropriate DBOF program elements.

05058540 (A,F) Pollution Prevention - Guard;X-94-6;;
Pollution prevention is any action that is designed to reduce or eliminate (rather than control or treat) the future impact that an operation may have on the environment (including impacts to the air, surface and ground waters, vegetation and soils) through the source reduction of pollutants, more efficient use of natural resources, recycling, and/or reduced emissions of toxic and other undesirable materials or wastes to the environment.

Funds all costs associated with pollution prevention, including:

A. Certification of innovative technology for DoD applications;
B. Any laws, Executive Orders, or DoD policies that apply specifically to pollution prevention efforts;
C. Initial acquisition of environmentally acceptable replacements for hazardous materials required to comply with pollution prevention standards; (excludes normal replacement of hazardous material with less hazardous materials);
D. Installation level pollution prevention plans, assessments, equipment, and projects;
E. Review and modification of standardized documents for the sole purpose of eliminating or reducing the use of toxic chemicals and/or hazardous materials;
F. Cost of personnel and office operations directly involved with pollution prevention programs (including recycling programs);
G. Any facilities construction costs or maintenance costs primarily required to meet pollution prevention goals;

Excluding:

A. Research and development efforts associated with pollution prevention, which are covered under specific R&D program elements;
B. Normal infrastructure maintenance and repair to keep a system in good working order or system replacement as part of normal replacement cycles;
C. Activities funded in the Defense Business Operations Fund (DBOF), which are charged to the appropriate DBOF program elements;
D. Activities funded as part of a larger system acquisition program, which should be separately identified through cost accounting codes under the main system acquisition program element. For example, pollution prevention efforts included in the design of a new weapon system would be under the PE of the weapon system;
E. Base closure costs associated with these programs;
F. Activities funded within Family Housing program elements.

0505856A Environmental Compliance - Army NG;X-94-6;;
Environmental Compliance includes actions to achieve and maintain full and sustained compliance with federal, state, and local environmental laws and regulations, Executive Orders, host nation regulations and DoD policies. Applies to workyears, training, travel, supplies, permits, fees, support equipment, service, and facilities (if the primary purpose is to comply with environmental standards) and the associated costs specifically identified and measurable to environmental compliance.

Funds all costs related to environmental compliance, including:

A. Recurring costs of environmental program management, daily operations and services, permits, fees, certifications, studies, and licenses; civilian workyears; education and training of environmental programs; hazardous waste management and disposal; sampling, analysis, monitoring and surveys; supplies, equipment, and travel.
B. Nonrecurring costs of projects/services required to bring DoD into compliance with environmental standards or comply with a notice of violation (Class I); to prevent DoD from failing to meet impending environmental standards (Class II); or to enhance the environment beyond legal requirements (Class III);
C. Pest management programs to meet FIFRA standards for pest management and pesticide storage, handling or use standards;
D. Overseas cleanup, as well as overseas compliance, efforts; and
E. Certification of innovative technology for DoD applications.

Excluding:

A. Efforts funded under Defense Environmental Restoration Account, Conservation, Pollution Prevention, BRAC or Occupational Health and Safety auspices;
B. Research and Development efforts associated with compliance, which are covered under specific R&D program elements;
C. Normal maintenance and repair to keep systems in working order, system replacement as part of normal replacement cycle; and normal installation operations (i.e. solid waste disposal including tipping fees, landfill operations, etc.); normal wastewater treatment plants, both domestic and industrial, which are appropriately included in base operations;
D. Upgrade/alteration of an industrial process undertaken for other than environmental purposes;
E. Environmental certification/licenses funded separately from mandatory requirements and training;
F. Routine pest control applications required to preserve structural integrity, properly charged to RPM and health applications, such as, mosquito control.

0505876A Minor Construction (RPM) - Army National Guard ;X-91-3;;

Includes manpower authorizations, peculiar and support equipment, necessary faclities and the associated cost specifically identified and measurable to the following:

All construction costing less than the statutory maximum amount for a Minor Military Construction project as established by section 2805 of title 10 U.S.C. at fixed telecommunications installations.

0505878A Maintenance and Repair (RPM) - Army National Guard ;X-91-3;;
Includes manpower authorizations, peculiar and support equipment, necessary faclities and the associated cost specifically identified and measurable to the following:

Maintenance and repair of real property, i.e., utilities, buildings, other facilities, pavements, (roads, parking areas, runways, etc.), land, and grounds. Includes, but not limited to, such things as repair of electrical circuitry, heating and air conditioning, water piping, and routine maintenance work such as caulking, painting, etc. at fixed telecommunications installations.

05058790 (A,F) Real Property Services (RPS) - Guard;X-94-7;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs of utility plant operations, purchased utilities, air conditioning and refrigeration, utility fuels, fire protection, crash rescue, snow removal and ice alleviation, entomological services, window glass replacement, elevator maintenance/inspection, custodial services, refuse collection and disposal, sewer and waste systems, rental of real property, facility engineering and public works management, other installation engineering services and other annual service requirements performed in-house or by contract.

0505887A Family Centers - Army NG;X-0-05;
Includes manpower authorizations, facilities, supplies and support equipment and associated costs specifically identified and measurable to the Army National Guard and includes: Spouse employment, relocation assistance, crisis referral and aid for families, financial management planning, information concerning family support resources, and services for families with special needs.

05058890 (A,F,N) Counterdrug Intelligence Support, Reserves;X-94-2;;
Captures National Guard and Reserve intelligence costs specifically identified and measurable to Counterdrug detection or monitoring; command, control, communication, and intelligence assets dedicated to the detection of illegal drugs and integrated into communication networks; other equipment required for drug interdiction/eradication/host nation operations assigned and/or directed, and any procurement, MILCON, RDT&E for operational systems, or operating and maintenance costs associated. Includes both direct and reimbursable funding for all National Guard and Reserve forces. Only projects approved by the Secretary of Defense and supported by the transfer appropriation will be included.

Excludes special operations activities in Major Program 11. Civilian and military authorizations may be associated.

0505894A Real Property Maintenance - Army National Guard (H);X-93-2;;

Includes manpower authorizations, peculiar and support equipment, specifically identified and measurable to the following:

Real property maintenance at fixed telecommunications installations. Maintenance and Repair of all real property, utilities systems, buildings, other facilities, pavements (roads, parking areas, etc.), land (grounds), Minor construction (with other than military construction funds).

Includes all resources in functional categories 9, 10, 11 and 12 as defined in DOD Instruction 7220.20. Also includes all resources (except manpower and military pay) used by groups/units assigned to specific BOS tasks on an ad hoc basis such as Army engineer units assigned to repair/construct facilities, roads, parking areas, etc., even if the work is classified as A military unit training project.

Excludes costs of maintaining family housing. See PE 08087460, Family Housing Maintenance. Excludes Environmental Compliance (separate PEs).

0505896A Base Operations - Army National Guard;X-95-1;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following functional categories of effort:

Administration: Installation Headquarters Administration and Command (including squadron level responsible for Base Operations), Installation Comptroller Services, Installation ADP Services, Installation Information Activities, Installation Legal Activities, Civilian Personnel Administration, Installation Military Personnel, Administration Installation Printing and Reproduction, Installation Safety, Installation Management Analysis/Management Engineering.

Retail Supply Operations: Installation Supply Activities, Installation Procurement Operation, Installation Storage Activ ities.

Maintenance of Installation Equipment: (Includes maintenance of administrative aircraft, vehicles and equipment; but excludes maintenance of tactical equipment, combat vehicle and mission aircraft).

Other Base Services: Installation Transportation Activities, Installation Training (excludes Troop training and tactical exercise). Installation Physical and Police Activities, Laundry and Dry Cleaning (for troop support and other appropriated fund activities). Installation AirField/Air Base Operations (control tower, weather, flight service, etc.) Installation Restoration.

Bachelor Housing Operations and Furnishing: (management; housing assignment, care of quarters, provisions, care preservation and maintenance of furnishings, etc.)

Other Personnel Support: Food Service; Social Action; Community Service; Chaplain Services; Bands; Morale, Welfare and Recreation.

Excluded are the following functional categories which are a part of the standard definition of Base Operating Support, but are reported under separate PEs: Real Property Services, Minor Construction, Maintenance and Repair, Base Communications, Commissary Operations (Retail and Troop Issue), Station Hospitals, Medical and Dental Clinics and Dispensaries, Family Housing.

0505912A Information Management - Army Reserve;X-92-3;;SB

Includes civilian and military authorizations and associated costs specifically identified and measurable to the following: staff supervision of management information activities at major command (MACOM) and installation levels; all costs associated with mission-related data processing, to include supplies, equipment, design costs, analysis, programing and operation and maintenance; resources required by Product, Program and Project Managers designated by the senior ADP official; operation of organizations or elements thereof, responsible for coding, testing, documenting and subsequent maintenance and modifications of, computer operations or applications programs developed for Army- or MACOM-wide use. This program element is effective beginning in fiscal year 1992.

05059530 (A,F,M,N) Environmental Conservation - Reserve;X-94-6;;
Conservation includes any action specifically required to protect or enhance natural and cultural resources, preserve access to improved and unimproved training areas, and make necessary repairs to minimize erosion and otherwise rehabilitate DoD lands and waters. This includes complying with federal, state and local codes such as the National Historic Preservation Act, Archaeological Resources Protection Act, Native American Graves Protection and Repatriation Act, Endangered Species Act, Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), and the Sikes Act.

Funds all costs associated with direct support of conservation activities, including:

A. Studies and surveys to identify, inventory, and manage existing natural and cultural resources and evaluation of the resources so identified and inventoried;

B. Management costs, including workyears devoted to natural and cultural activities and preparing natural and cultural resource management plans;
C. Permits for use of natural and cultural resources;
D. Certification of innovative technology for DoD applications;
E. Design, construction, maintenance or repair costs specifically required to restore, improve or maintain natural or cultural resources;
F. Supplies and equipment required to carry out applicable natural and cultural resources management activities;
G. Appropriated funds attributable to fish, wildlife, agricultural outleasing and timber management activities.

Excludes:

A. Base Closure costs associated with these programs;
B. Normal maintenance required for appearance, including landscaping;
C. NEPA costs associated with facilities or weapons systems which are included in facility or weapon system costs;
D. Activities funded in the Defense Business Operations Fund (DBOF), which are charged to the appropriate DBOF program elements.

05059540 (A,F,M,N) Pollution Prevention - Reserve;X-94-6;;

Pollution prevention is any action that is designed to reduce or eliminate (rather than control or treat) the future impact that an operation may have on the environment (including impacts to the air, surface and ground waters, vegetation and soils) through the source reduction of pollutants, more efficient use of natural resources, recycling, and/or reduced emissions of toxic and other undesirable materials or wastes to the environment.

Funds all costs associated with pollution prevention, including:

A. Certification of innovative technology for DoD applications;
B. Any laws, Executive Orders, or DoD policies that apply specifically to pollution prevention efforts;
C. Initial acquisition of environmentally acceptable replacements for hazardous materials required to comply with pollution prevention standards; (excludes normal replacement of hazardous material with less hazardous materials);
D. Installation level pollution prevention plans, assessments, equipment, and projects;
E. Review and modification of standardized documents for the sole purpose of eliminating or reducing the use of toxic chemicals and/or hazardous materials;
F. Cost of personnel and office operations directly involved with pollution prevention programs (including recycling programs);
G. Any facilities construction costs or maintenance costs primarily required to meet pollution prevention goals;

Excluding:

A. Research and development efforts associated with pollution prevention, which are covered under specific R&D program elements;
B. Normal infrastructure maintenance and repair to keep a system in good working order or system replacement as part of normal replacement cycles;
C. Activities funded in the Defense Business Operations Fund (DBOF), which are charged to the appropriate DBOF program elements;
D. Activities funded as part of a larger system acquisition program, which should be separately identified through cost accounting codes under the main system acquisition program element. For example, pollution prevention efforts included in the design of a new weapon system would be under the PE of the weapon system;
E. Base closure costs associated with these programs;
F. Activities funded within Family Housing program elements.

0505956A Environmental Compliance - Army Reserve;X-94-6;;
Environmental Compliance includes actions to achieve and maintain full and sustained compliance with federal, state, and local environmental laws and regulations, Executive Orders, host nation regulations and DoD policies. Applies to workyears, training, travel, supplies, permits, fees, support equipment, service, and facilities (if the primary purpose is to comply with environmental standards) and the associated costs specifically identified and measurable to environmental compliance.

Funds all costs related to environmental compliance, including:

A. Recurring costs of environmental program management, daily operations and services, permits, fees, certifications, studies, and licenses; civilian workyears; education and training of environmental programs; hazardous waste management and disposal; sampling, analysis, monitoring and surveys; supplies, equipment, and travel.
B. Nonrecurring costs of projects/services required to bring DoD into compliance with environmental standards or comply with a notice of violation (Class I); to prevent DoD from failing to meet impending environmental standards (Class II); or to enhance the environment beyond legal requirements (Class III);
C. Pest management programs to meet FIFRA standards for pest management and pesticide storage, handling or use standards;
D. Overseas cleanup, as well as overseas compliance, efforts; and
E. Certification of innovative technology for DoD applications.

Excluding:

A. Efforts funded under Defense Environmental Restoration Account, Conservation, Pollution Prevention, BRAC or Occupational Health and Safety auspices;
B. Research and Development efforts associated with compliance, which are covered under specific R&D program elements;
C. Normal maintenance and repair to keep systems in working order, system replacement as part of normal replacement cycle; and normal installation operations (i.e. solid waste disposal including tipping fees, landfill operations, etc.); normal wastewater treatment plants, both domestic and industrial, which are appropriately included in base operations;
D. Upgrade/alteration of an industrial process undertaken for other than environmental purposes;
E. Environmental certification/licenses funded separately from mandatory requirements and training;
F. Routine pest control applications required to preserve structural integrity, properly charged to RPM and health applications, such as, mosquito control.

0505976A Minor Construction (RPM) - Army Reserve ;X-91-3;;
Includes manpower authorizations, peculiar and support equipment, necessary faclities and the associated cost specifically identified and measurable to the following:

All construction costing less than the statutory maximum amount for a Minor Military Construction project as established by section 2805 of title 10 U.S.C. at fixed telecommunication installations.

0505978A Maintenance and Repair (RPM) - Army Reserve ;X-91-3;;
Includes manpower authorizations, peculiar and support equipment, necessary faclities and the associated cost

specifically identified and measurable to the following:

Maintenance and repair of real property, i.e., utilities, buildings, other facilities, pavements, (roads, parking areas, runways, etc.), land, and grounds. Includes, but not limited to, such things as repair of electrical circuitry, heating and air conditioning, water piping, and routine maintenance work such as caulking, painting, etc. at fixed telecommunications installations.

05059790 (A,F,M,N) Real Property Services (RPS) - Reserve;X-94-7;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs of utility plant operations, purchased utilities, air conditioning and refrigeration, utility fuels, fire protection, crash rescue, snow removal and ice alleviation, entomological services, window glass replacement, elevator maintenance/inspection, custodial services, refuse collection and disposal, sewer and waste systems, rental of real property, facility engineering and public works management, other installation engineering services and other annual service requirements performed in-house or by contract.

0505987A Family Centers - Army Reserve;X-0-05;
Includes manpower authorizations, facilities, supplies and support equipment and associated costs specifically identified and measurable to the Army Reserve and includes: Spouse employment, relocation assistance, crisis referral and aid for families, financial management planning, information concerning family support resources, and services for families with special needs.

0505994A Real Property Maintenance - Army Reserve (H);X-93-2;;
Includes manpower authorizations, peculiar and support equipment, specifically identified and measurable to the following:

Real property maintenance at fixed telecommunications installations. Maintenance and Repair of all real property, utilities systems, buildings, other facilities, pavements (roads, parking areas, etc.), land (grounds), Minor construction (with other than military construction funds).

Includes all resources in functional categories 9, 10, 11 and 12 as defined in DoD Instruction 7220.20. Also includes all resources (except manpower and military pay) used by groups/units assigned to specific BOS tasks on an ad hoc basis such as Army engineer units assigned to repair/construct facilities, roads, parking areas, etc., even if the work is classified as A military unit training project.

Excludes costs of maintaining family housing. See PE 08087460, Family Housing Maintenance. Excludes Environmental Compliance (separate PEs).

0505996A Base Operations - Army Reserve;X-95-1;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following functional categories of effort:

Administration: Installation Headquarters Administration and Command (including squadron level responsible for Base Operations), Installation Comptroller Services, Installation ADP Services, Installation Information

Activities, Installation Legal Activities, Civilian Personnel Administration, Installation Military Personnel, Administration Installation Printing and Reproduction, Installation Safety, Installation Management Analysis/Management Engineering.

Retail Supply Operations: Installation Supply Activities, Installation Procurement Operation, Installation Storage Activ ities.

Maintenance of Installation Equipment: (Includes maintenance of administrative aircraft, vehicles and equipment; but excludes maintenance of tactical equipment, combat vehicle and mission aircraft).

Other Base Services: Installation Transportation Activities, Installation Training (excludes Troop training and tactical exercise). Installation Physical and Police Activities, Laundry and Dry Cleaning (for troop support and other appropriated fund activities). Installation AirField/Air Base Operations (control tower, weather, flight service, etc.) Installation Restoration.

Bachelor Housing Operations and Furnishing: (management; housing assignment, care of quarters, provisions, care preservation and maintenance of furnishings, etc.)

Other Personnel Support: Food Service; Social Action; Community Service; Chaplain Services; Bands; Morale, Welfare and Recreation.

Excluded are the following functional categories which are a part of the standard definition of Base Operating Support, but are reported under separate PEs: Real Property Services, Minor Construction, Maintenance and Repair, Base Communications, Commissary Operations (Retail and Troop Issue), Station Hospitals, Medical and Dental Clinics and Dispensaries, Family Housing.

0506198F Management Headquarters (Research and Development);X-1-006;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to mobilization assignees allocated in support of Hq. Air Force Systems Command. HQ AFSC: HQ Aeronautical Systems Division (ASD), HQ Space Division (SD), HQ Electronic Systems Division (ESD), HQ Aerospace Medical Division (AMD), HQ Armament Division (AD).

Excludes nonmanagement headquarters resources.

0506284N R&D Laboratories and Facilities Management Support;X-3-04;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Other (than platform) Reinforcement Units (ORU):

Underwater Ordnance, Weapons Laboratory, Air Systems T&E, ONR Research Laboratory, Underwater Sound Laboratory. Drill Pay Authorizations.

0506297N R&D Project Ships;;

Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to Selected Reserve Units: NR AVM-1 Norton Sound NR AGFF-1 Glover

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0506307N Facilities and Installations Support;X-78-014;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Mobilization Reserves: NR Office of Naval Research Branch Office, NR Biological Emergency Response Team LANT/PAC, NR Explosive Ordnance Disposal Facility, NR Ordnance Missile Test Facility White Sands Missile Range.

0506806F Acquisition and Command Support (AFR);;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to mobilization assignees assigned to RDT&E activities in the following organizations and missions:

Aeronautical Systems Division, Wright-Patterson AFB, Ohio: Plans, programs, develops, and acquires aeronautical systems and subsystems. AFSC lead division for planning limited war/special air warfare and reconnaissance systems.

Electronic Systems Division, L.G. Hanscom AFB, Massachusetts: Plans command, control and communications-electronics system for aerospace forces.

Aerospace Medical Division, Brooks AFB, Texas: Plans and accomplishes biomedical support for aerospace systems.

Space and Missile Systems Organization, Los Angeles AFB, California: Plans, programs, and manages space and missile systems; performs launch, on-orbit tracking, data acquisition, and command control of DoD satellites.

Excludes management headquarters manpower.

0506807F Test and Evaluation Support (AFR);;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to mobilization assignees assigned to RDT&E activities in the following test centers within the Air Force Systems Command:

Arnold Engineering Development Center (AEDC), Space and Missile Test Center (SAMTEC), Armament Development and Test Center.

0506898N Management Headquarters (Research and Development);X-2-006;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Mobilization Reserves: NR Office of Naval Research Technical, NR Office of Naval Research Tactical, NR Office of Naval Research/Naval Research Lab Technical, NR Office of Naval Research/Naval Research Lab Headquarters

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0507018N Real Estate and Construction Administration;X-80-005;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Mobilization Reserves: NR Naval Facilities Engineering Commands, NR Naval Facilities Engineering Field Divisions and Detachments

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0507027N Industrial Fund and Stock Fund Support;X-4-04;
This program element reflects funding adjustments necessary to align appropriated funds requested in customer accounts and Industrial and Stock Fund activities pricing.

Excludes manpower authorizations and associated costs.

0507111F Combat Logistics Support Squadrons (USAFR);X-78-015;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

AFRES: Combat Logistics Support Squadrons (CLSS) to be gained by AFLC upon mobilization to perform AF aircraft crash/battle damage repair, intermediate level maintenance and Class V modification in combat during war/crisis action as a unit or in teams. The units contain capability for supply and transportation support of maintenance and require remaining Base Operating Support (BOS).

0507112F Depot Maintenance (ANG);;
Includes funds from which the Air National Guard will reimburse the Air Force Logistics Command for depot level maintenance. Includes corrective maintenance of aircraft, aircraft engines, equipment and accessories, electronic and communications equipment, vehicles and other equipment, and in-service engineering. This provides for repair, overhaul, modifications, reclamation, manufacture, inspection and testing, including contractor-furnished supplies and equipment incident to maintenance and modification service performed under contract. It also includes Government-furnished Material (GFM) procured from the Air Force Stock Fund by the Depot Maintenance Industrial Fund (DMIF) and consumed by the maintenance facilities in support of the Air National Guard.

Excludes costs of depot maintenance of equipment in the active inventory of a military component for subsequent issue to a National Guard organization (see appropriate Depot Maintenance program elements in Program 7).

05071130 (M,N) Logistic Support (Reserve);;
Includes: Supply, maintenance, and other logistics resources dedicated to the support of Navy and Marine Corps Reserve forces, including depot maintenance, Civil Engineering support equipment, and planning and design.

Excludes costs of overhauling equipment in the inventory for subsequent issue to Reserve units (see appropriate Program 7 Depot Maintenance elements).

0507114F Air Logistics Center Augmentation (AFR);;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the augmentation, including mobilization assignees for Air Logistic Center (ALC) function and the ALC reconstitution site(s), to include the following functions: Command, personnel and administration, comptroller, plans and programs, material management, maintenance, distribution, and procurement site support.

0507115F Depot Maintenance (AFR);;
Includes funds from which the Reserve Force Units finance the performance of depot level maintenance, including corrective maintenance of aircraft, equipment and accessories, electronic and communications equipment, modification, reclamation, corrosion treatment, manufacture, assembly and disassembly, inspection and testing, including contractor-furnished supplies and equipment incident to maintenance, and modification service performed under contract. Also includes Government-Furnished Materials (GFM) procured from stock funds by the Depot Maintenance Industrial Fund and consumed by the depots in support of Reserve Units, and includes a pro rata share of in-service engineering expense incurred by the Air Logistics Centers.

Excludes costs of overhauling equipment in the inventory for subsequent issue to Reserve Units (see appropriate Program 7 Depot Maintenance elements).

0507196F Base Operations - Logistics (AFR);X-95-1;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following functional categories of effort:

Administration: Installation Headquarters Administration and Command (including squadron level responsible for Base Operations), Installation Comptroller Services, Installation ADP Services, Installation Information Activities, Installation Legal Activities, Civilian Personnel Administration, Installation Military Personnel, Administration Installation Printing and Reproduction, Installation Safety, Installation Management Analysis/Management Engineering.

Retail Supply Operations: Installation Supply Activities, Installation Procurement Operation, Installation Storage Activ ities.

Maintenance of Installation Equipment: (Includes maintenance of administrative aircraft, vehicles and equipment; but excludes maintenance of tactical equipment, combat vehicle and mission aircraft).

Other Base Services: Installation Transportation Activities, Installation Training (excludes Troop training and tactical exercise). Installation Physical and Police Activities, Laundry and Dry Cleaning (for troop support and other appropriated fund activities). Installation AirField/Air Base Operations (control tower, weather, flight service, etc.) Installation Restoration.

Bachelor Housing Operations and Furnishing: (management; housing assignment, care of quarters, provisions, care preservation and maintenance of furnishings, etc.)

Other Personnel Support: Food Service; Social Action; Community Service; Chaplain Services; Bands; Morale, Welfare

and Recreation.

Excluded are the following functional categories which are a part of the standard definition of Base Operating Support, but are reported under separate PEs: Real Property Services, Minor Construction, Maintenance and Repair, Base Communications, Commissary Operations (Retail and Troop Issue), Station Hospitals, Medical and Dental Clinics and Dispensaries, Family Housing.

0507198F Management Headquarters (Logistics) (H);X-5-03;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identifed and measurable to mobilization assignees allocated in support of Hq. Air Force Logistics Command.

Excludes nonmanagement headquarters resources.

0507203N Supply Depots/Operations;X-78-014;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Mobilization Reserves: NR Naval Supply Center, NR Fleet Supply Tank Farm.

0507204N Inventory Control Point Operations;X-78-014;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Mobilization Reserves: NR Aviation Supply Office, NR Ships Parts Control Center Mechanicsburg, NR Fleet Material Support Office, NR Aircraft Material Office, NR Petroleum Office Fleet, NR Aviation Supply Office Philadelphia Headquarters, NR Ship Parts Control Center Mechanicsburg Headquarters, NR Fleet Material Support Office Headquarters.

0507205N Procurement Operations;X-78-014;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Mobilization Reserves: NR Naval Plant Representative Office, NR Naval Regional Procurement Office, NR Weapons Systems, NR Naval Material Transportation Office Fleet, NR Supervisor of Shipbuilding, NR Project Management Sea Systems.

0507211N Depot Maintenance;X-78-014;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Mobilization Reserves: NR Weapons Support Centers.

0507217N Ship Maintenance Activities;X-78-014;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Mobilization Reserves: NR Naval Shipyard

0507219N Naval Ordnance Activities;X-78-014;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Mobilization Reserves: NR Naval Weapons Support Center, NR Naval Ammunition Depots, NR Naval Weapons Stations, NR Naval Torpedo Station, NR Naval Ship Weapons Systems Engineering Station, NR Naval Ordnance Station.

0507253N Logistic Support Activities;X-80-005;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Mobilization Reserves: NR Naval Electronic Systems Engineering Command, NR Experimental Diving Unit.

0507254N Naval Ship Engineering Center (NAVSEC);X-78-014;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Mobilization Reserves: NR Naval Ship Engineering Center

0507255N Navy Inactive Ship Maintenance Facility (H);X-80-004;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Other (than platform) Reinforcements Units (ORU): Ship Maintenance and Repair (SMR)

0507276N Minor Construction (RPM) - Public Works Centers Units;X-91-3;;
Includes manpower authorizations, peculiar and support equipment, necessary faclities and the associated cost specifically identified and measurable to the following:

All construction costing less than the statutory maximum amount for a Minor Military Construction project as established by section 2805 of title 10 U.S.C. in support of Naval Reserve public works centers and detachments.

0507278N Maintenance and Repair (RPM) - Public Works Centers Units;X-91-3;;
Includes manpower authorizations, peculiar and support equipment, necessary faclities and the associated cost specifically identified and measurable to the following:

Maintenance and repair of real property, i.e., utilities, buildings, other facilities, pavements, (roads, parking areas, runways, etc.), land, and grounds. Includes, but not limited to, such things as repair of electrical circuitry, heating and air conditioning, water piping, and routine maintenance work such as caulking, painting, etc. in support of Naval Reserve public works centers and detachments.

0507294N Real Property Maintenance - Public Works Centers Units (H);X-93-2;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Mobilization Reserves: NR Public Works Centers and detachments.

0507296N Base Operations - Logistics Units;X-95-1;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following functional categories of effort:

Administration: Installation Headquarters Administration and Command (including squadron level responsible for Base Operations), Installation Comptroller Services, Installation ADP Services, Installation Information Activities, Installation Legal Activities, Civilian Personnel Administration, Installation Military Personnel, Administration Installation Printing and Reproduction, Installation Safety, Installation Management Analysis/Management Engineering.

Retail Supply Operations: Installation Supply Activities, Installation Procurement Operation, Installation Storage Activ ities.

Maintenance of Installation Equipment: (Includes maintenance of administrative aircraft, vehicles and equipment; but excludes maintenance of tactical equipment, combat vehicle and mission aircraft).

Other Base Services: Installation Transportation Activities, Installation Training (excludes Troop training and tactical exercise). Installation Physical and Police Activities, Laundry and Dry Cleaning (for troop support and other appropriated fund activities). Installation AirField/Air Base Operations (control tower, weather, flight service, etc.) Installation Restoration.

Bachelor Housing Operations and Furnishing: (management; housing assignment, care of quarters, provisions, care preservation and maintenance of furnishings, etc.)

Other Personnel Support: Food Service; Social Action; Community Service; Chaplain Services; Bands; Morale, Welfare and Recreation.

Excluded are the following functional categories which are a part of the standard definition of Base Operating Support, but are reported under separate PEs: Real Property Services, Minor Construction, Maintenance and Repair,

Base Communications, Commissary Operations (Retail and Troop Issue), Station Hospitals, Medical and Dental Clinics and Dispensaries, Family Housing.

0507298N Management Headquarters (Logistics);X-78-014;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Mobilization Reserves: NR Naval Air Systems Command, NR Naval Material Command Headquarters NR Naval Electronic Systems Command Headquarters, NR Naval Supply Systems Command, NR Naval Sea Systems Command, NR Naval Facilities Engineering Command and detachments

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0507310N Service Support to DLA;X-78-014;
Includes manpower authorizations, peculiar and support equipment, necesary facilities and the associated costs specifically identified and measurable to the following:

Mobilization Reserves:

NR Defense Logistics Agency, NR Defense Construction Supply Center, NR Defense Electronics Supply Center, NR Defense Fuel Supply Center, NR Defense General Supply Center, NR Defense Industrial Supply Center, NR Defense Personnel Support Center, NR Defense Contract Administration Services Region Atlanta, NR Defense Contract Administration Services Region Boston, NR Defense Contract Administration Services Region Chicago, NR Defense Contract Administration Services Region Cleveland, NR Defense Contract Administration Services Region Dallas, NR Defense Contract Administration Services Region Los Angeles, NR Defense Contract Administration Services Region New York, NR Defense Contract Administration Services Region Philadelphia, NR Defense Contract Administration Services Region St. Louis, NR Defense Depot Mechanicsburg, NR Defense Depot Memphis, NR Defense Depot Ogden, NR Defense Depot Tracy

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0507891A Depot Maintenance (ARNG);;
Includes funds from which the ARNG units finance the performance of depot level maintenance of aircraft, electronics, communications, and miscellaneous equipment and vehicles.

Excludes costs of depot maintenance of equipment in the active inventory of a military component for subsequent issue to an ARNG organization. See appropriate program elements in Program 7.

0507984A Maintenance Activities (AR);X-80-006;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: Direct support of the Reserve training mission in the area of organizational, direct, and general support maintenance. Includes maintenance technicians, repair parts, and other costs for maintenance performed on aircraft and general equipment at the Area Maintenance Support Activities (AMSA). Includes costs for operations of the AMSA and for DS/GS maintenance defined by "C" account codes (AR 37-100-XX) of BASOPS.

Excludes depot maintenance activities - see PE 0507991A.

0507991A Depot Maintenance (AR);;
Includes funds from which USAR units finance the performance of depot level maintenance of aircraft, electronics, communications, and miscellaneous equipment and vehicles.

Excludes costs of depot maintenance of equipment in the active inventory of the Army for subsequent issue to USAR organizations. See appropriate program elements in Program 7.

0508111N Recruit Training (NR);;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to active duty training under the reserve enlistment program, which includes Pay Category F, i.e., initial entry active duty trainees; and selected reserve recruit training processing teams which augment active recruit training upon mobilization.

Excludes Navy Reserve's Active Marine - 3x6 Program, and O&M costs of active duty training centers.

0508112N Professional and Skill Progression Training (NR);;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to individual training of reserve personnel and reserve support of individual training, except for recruit and flight training and base operations, including programs, schools, and other resources dedicated to the training support of reserve forces; selected reserve units/manpower which augment active schools and training centers upon mobilization; pay, allowances, travel, per diem, and other expenses of reserve officers and enlisted personnel for training at service and other schools; personnel costs of short tours of active duty for special training, such as seminars and special training courses; and active duty advisors.

Excludes recruit and flight training; base operations for training facilities; Navy Reserve's Active Marine - 3x6 Program; and O&M costs of active duty schools and training centers.

0508114N Flight Training (NR);;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to training of reserve officers in the rated flying specialties, including pilot navigator, and instructor; and selected reserve units which augment active flight training programs on mobilization.

Excludes O&M costs of active duty flight training centers.

0508131N Care in Defense Facilities;X-5-07;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Mobilization Reserves: NR Naval Teaching Hospitals, NR Surgical Team.

0508136N Health Activities;X-5-04;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Mobilization Reserves: NR Environmental Preventive Medicine Unit, NR Naval Medical Material Supply Command, NR Ophthamology Support Activity, NR Armed Forces Institute of Pathology, NR Armed Services Medical Regional Office, NR National Medical Data Services Center, NR Defense Procurement Support, NR Naval Medical Geographic Command, NR TAH-X Hospital Ships, NR Fleet Hospitals.

0508137N Dental Care Activities;X-5-04;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Mobilization Reserves: NR Naval Dental Centers, NR Branch Dental Clinics, NR Naval Medical Command Dental, NR Dental Company, NR Dental Company Headquarters.

0508140M Advertising Activities (MCR);;
Includes costs specifically identified and measurable to the design and implementation of advertising campaigns, for both paid and nonpaid media; and the purchase of advertising time/space in any media, with the express purpose of stimulating interest in entering the Reserve Forces. Includes resources for all advertising programs designed to support the procurement and/or retention of military personnel in all elements of the Reserve Forces, regardless of procurement sources, i.e., prior/nonprior service enlisted accessions and officer accessions.

Excludes manpower and related costs; and advertising expenditures for programs budgeted from Active Duty appropriations, including O&MMC costs.

0508141M Recruit Training (MCR);;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to active duty training under the reserve enlistment program which includes Pay Category F, i.e., initial entry active duty trainees; and selected reserves which augment active recruit training on mobilization.

Excludes O&M costs of active duty training centers, and all O&MMC costs.

0508142M Professional Development Education and Skill Progression Training (MCR);;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to institutional training of reserve personnel and reserve support of institutional training, except for recruit and flight training and base operations. Includes programs, schools, and other resources dedicted to the training support of reserve forces; selected reserve units/manpower which

augment active schools and training centers upon mobilization; pay, allowances, travel, per diem, and other expenses of reserve officers and enlisted personnel for training at service and other schools; personnel costs of short tours of active duty for special training, such as pre-ATD conferences, training assisted tours and general officer tours.

Excludes recruit and flight training; base operations for training support facilities; and O&M costs of active duty schools, training centers, and recruiting depots.

0508143M Undistributed Individual Ready Reserve (MCR);;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to members (or manpower spaces) of the Individual Ready Reserve (Pay Category D) who cannot be associated with the active force elements that they augment upon mobilization.

0508144M Recruiting Activities (MCR);;
Includes resources associated with programs and activities (except funds for advertising) designed to attract personnel into the Reserve Forces so that required manning levels can be achieved and maintained, including efforts to recruit personnel scheduled for separation from active military service, plus manpower engaged in advertising activities for Reserve Forces.

Excludes funding for advertising activities (see appropriate Advertising PE's in Program 5); and recruiting activities primarily for Active Forces.

0508150F Recruiting Activities (ANG);;
Includes resources associated with programs and activities (except funds for advertising) designed to attract personnel into the Reserve Forces so that required manning levels can be achieved and maintained. This includes efforts to recruit personnel scheduled for separation from active military service. This includes manpower engaged in advertising activities for Reserve Forces.

Excludes funding for advertising activities (see appropriate Advertising PEs in Program 5); recruiting activities primarily for Active Forces; and unit-level recruiting personnel.

0508151F Recruit Training (ANG);;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to active duty training under the Air National Guard enlistment program which includes Pay Category F, i.e., initial entry active duty trainees, and selected reserves which augment active recruit training on mobilization.

Excludes O&M costs of active duty training centers.

0508152F Professional and Skill Progression Training (ANG);;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs

specifically identified and measurable to individual training of reserve personnel and reserve support of individual training, except for recruit and flight training and base operations. Includes programs, schools, and other resources dedicated to the training support of reserve forces; selected reserve units/manpower which augment active schools and training centers upon mobilization; pay, allowances, travel, per diem, and other expenses of reserve officers and enlisted personnel for training at service and other schools; personnel costs of short tours of active duty for special training, such as seminars and special training courses; and active duty advisors.

Excludes recruit and flight training; base operations for training facilities, and O&M costs of active duty schools and training centers.

0508153F Flight Training (ANG);;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the training of officers in the rated flying specialties, including pilot, navigator, and instructor, and selected reserves which augment active flight training on mobilization.

Excludes force support training, including combat crew training, and O&M costs of active flight training centers.

0508154F Advertising Activities (ANG);;
Includes costs specifically identified and measurable to the design and implementation of advertising campaigns, for both paid and nonpaid media; and the purchase of advertising time/space in any media, with the express purpose of stimulating interest in entering the Reserve Forces. Includes resources for all advertising programs designed to support the procurement and/or retention of military personnel in all elements of the Reserve Forces, regardless of procurement sources, i.e., prior/nonprior service enlisted accessions and officer accessions.

Excludes manpower and related costs, and advertising expenditures for programs budgeted from active duty appropriations.

0508160F Recruiting Activities (AFR);;
Includes resources associated with programs and activities (except funds for advertising) designed to attract personnel into the Reserve Forces so that required manning levels can be achieved and maintained. This includes efforts to recruit personnel scheduled for separation from active military service, and also includes manpower engaged in advertising activities for Reserve Forces.

Excludes funding for advertising activities (see appropriate Advertising elements in Program 5), and recruiting activities primarily for Active Forces.

0508161F Recruit Training (AFR);X-3-06;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to active duty training under the reserve enlistment program which includes Pay Category F, i.e., initial entry active duty trainees.

Excludes O&M costs of active duty training centers.

0508162F Professional and Skill Progression Training (AFR);;

Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to individual training of reserve personnel and reserve support of individual training, except for recruit and flight training and base operations. Includes programs, schools, and other resources dedicated to the training support of reserve forces; selected reserve units/manpower which augment active schools and training centers upon mobilization; pay, allowances, travel, per diem, and other expenses of reserve officers and enlisted personnel for training at service and other schools; personnel costs of short tours of active duty for special training, such as seminars and special training courses; and active duty advisors.

Excludes recruit and flight training, base operations for training facilities, and O&M costs of active duty schools and training centers.

0508163F Military Training School Reserve Unit;X-3-06;
Includes manpower, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Category A selected reservists who augment active duty recruit training (basic military training) upon mobilization.

Excludes training center O&M funds.

0508164F Undistributed Individual Ready Reserve (AFR);;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the members (or manpower spaces) of the individual ready reserve who cannot be associated with the active force elements that they augment upon mobilization.

Excludes members (or manpower spaces) of the IRR carried in PEs associated with the active force elements that they augment upon mobilization.

0508166F Flight Training (AFR);;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the training of officers in the rated flying specialties, including pilot, navigator, and instructor; and selected reserves which augment active flight training on mobilization.

Excludes force support training, including combat crew training, and O&M costs of active flight training centers.

0508168F Advertising Activities (AFR);;
Includes costs specifically identified and measurable to the design and implementation of advertising campaigns, for both paid and nonpaid media; and the purchase of advertising time/space in any media, with express purpose of stimulating interest in entering the Reserve Forces. Includes resources for all advertising programs designed to support the procurement and/or retention of military personnel in all elements of the Reserve Forces, regardless of procurement sources, i.e., prior/nonprior service enlisted accessions and officer accessions.

Excludes manpower and related costs, and advertising expenditure for programs budgeted from active duty

appropriations.

0508169N Service to Administrative Commands (H);X-80-004;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Mobilizations Reserves: NR Administrative Command

0508170N Undistributed Individual Ready Reserve (NR);;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to members (or manpower spaces) of the Individual Ready Reserve who cannot be associated with the active force elements that they augment upon mobilization.

Excludes members (or manpower spaces) of the IRR carried in PEs associated with the active force elements that they augment upon mobilization.

0508180D Civil-Military Cooperation;X-94-5;;
Includes resources supporting the Office of the Assistant Secretary of Defense (RA) Civil-Military Cooperation program. The Civil-Military Cooperation program provides for several pilot Reserve component programs authorized by Congress in the areas of health care for medically underserved areas, education and job training, and engineering, such as the National Guard ChalleNGe and Starbase programs.

05081900 (F,M,N) Visual Information Activities-Reserve;X-6-06;
Funds Visual Information programs, consisting of the following subsets: Visual information (VI) productions and services and VI support.

Includes manpower authorizations and costs, travel, contractual services, procurement of supplies and materials, expense equipment, necessary facilities and the associated costs specifically identified, separable into "in-house" and "contract" portions, and measurable to the following reserve functions, as appropriate:

o VI Productions and Services. Produce or acquire VI productions (i.e., slide and slide-sound sets, film strips, multi-media, video disc, audio productions, combination media), and motion media with sound. Includes resources for scripting, preproduction, production, postproduction, libraries, duplication, distribution, production project management, and other related and associated services.

o VI Support. Provide VI operational (combat and technical) documentation, still and motion picture photography, video, audio, radio and television closed circuit and broadcasting (not Armed Forces Radio and Television Service (AFRTS)) services, graphic art, VI records centers, VI records holding facilities, presentation support, repair and maintenance, video teleconferencing terminals, related and associated services, and their supervision.

o Joint Visual Information Services (JVIS). Resources to operate and maintain JVIS production, depository, and distribution activities assigned by OASD(PA), as a joint mission for DoD.

Excludes VI management at command and component headquarters and OSD. Excludes technical documentation support not available from base VI services, integral to the mission of organizations supported, and identified in other program elements. VI equipment integral to technical documentation functions is also excluded. It does not include VI activities with discrete program elements such as: Armed Forces Radio and Television Service.

0508195N Base Communications - Training Units;X-80-006;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to base level communications support of Mobilization Reserves at Selected Reserve Units:

NR Naval Air Stations (Training) NR Naval Air Training Center, Orlando, FL

0508196N Base Operations - Training Units;X-95-1;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following functional categories of effort:

Administration: Installation Headquarters Administration and Command (including squadron level responsible for Base Operations), Installation Comptroller Services, Installation ADP Services, Installation Information Activities, Installation Legal Activities, Civilian Personnel Administration, Installation Military Personnel, Administration Installation Printing and Reproduction, Installation Safety, Installation Management Analysis/Management Engineering.

Retail Supply Operations: Installation Supply Activities, Installation Procurement Operation, Installation Storage Activ ities.

Maintenance of Installation Equipment: (Includes maintenance of administrative aircraft, vehicles and equipment; but excludes maintenance of tactical equipment, combat vehicle and mission aircraft).

Other Base Services: Installation Transportation Activities, Installation Training (excludes Troop training and tactical exercise). Installation Physical and Police Activities, Laundry and Dry Cleaning (for troop support and other appropriated fund activities). Installation AirField/Air Base Operations (control tower, weather, flight service, etc.) Installation Restoration.

Bachelor Housing Operations and Furnishing: (management; housing assignment, care of quarters, provisions, care preservation and maintenance of furnishings, etc.)

Other Personnel Support: Food Service; Social Action; Community Service; Chaplain Services; Bands; Morale, Welfare and Recreation.

Excluded are the following functional categories which are a part of the standard definition of Base Operating Support, but are reported under separate PEs: Real Property Services, Minor Construction, Maintenance and Repair, Base Communications, Commissary Operations (Retail and Troop Issue), Station Hospitals, Medical and Dental Clinics and Dispensaries, Family Housing.

0508198N Management Headquarters (Training);X-78-014;

Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Mobilization Reserves:

NR Chief of Naval Education and Training Headquarters NR Chief of Naval Air Training Headquarters

Excludes nonmanagement headquarters resources.

0508211F Medical Service Units (AFR);X-1-001;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to mobilization assignees assigned to duty with USAF hospitals, medical service flights and squadrons, dispensaries, and active duty advisors.

Excludes medical elements in direct support of Aeromedical Evacuation Flights and Squadrons (AFR) (see appropriate elements in this program). Excludes medical mobilization augmentees.

0508212F Aeromedical Evacuation Units (AFR);X-1-001;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to Aeromedical Evacuation Flights, Squadrons and Groups (AFR).

0508213F Medical Mobilization Augmentees (AFR);X-1-001;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to medical mobilization augmentees attached for training in Active Air Force medical facilities (AFR).

0508221F Medical Readiness Units (ANG);X-6-04;
Includes manpower authorizations, support equipment (peculiar and common), operating and support costs, facilities costs, exclusive of construction funded from MILCON and all necessary funds to support Medical Readiness Units for the Air National Guard.

0508222F Aeromedical Evacuation Units (ANG);;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to aeromedical evacuation flights and squadrons.

0508290F Visual Information Activities-Guard (H);X-6-06;
Funds Visual Information programs, consisting of the following subsets: Visual information (VI) productions and services and VI support.

Includes manpower authorizations and costs, travel, contractual services, procurement of supplies and materials, expense equipment, necessary facilities and the associated costs specifically identified, separable into "in-house" and "contract" portions, and measurable to the following guard functions, as appropriate:

o VI Productions and Services. Produce or acquire VI productions (i.e., slide and slide-sound sets, film strips, multi-media, video disc, audio productions, combination media), and motion media with sound. Includes resources for scripting, preproduction, production, postproduction, libraries, duplication, distribution, production project management, and other related and associated services.

o VI Support. Provide VI operational (combat and technical) documentation, still and motion picture photography, video, audio, radio and television closed circuit and broadcasting (not Armed Forces Radio and Television Service (AFRTS)) services, graphic art, VI records centers, VI records holding facilities, presentation support, repair and maintenance, video teleconferencing terminals, related and associated services, and their supervision.

o Joint Visual Information Services (JVIS). Resources to operate and maintain JVIS production, depository, and distribution activities assigned by OASD(PA), as a joint mission for DoD.

Excludes VI management at command and component headquarters and OSD. Excludes technical documentation support not available from base VI services, integral to the mission of organizations supported, and identified in other program elements. VI equipment integral to technical documentation functions is also excluded. It does not include VI activities with discrete program elements such as: Armed Forces Radio and Television Service.

0508296F Base Operations - Training (AFR);X-95-1;

Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following functional categories of effort:

Administration: Installation Headquarters Administration and Command (including squadron level responsible for Base Operations), Installation Comptroller Services, Installation ADP Services, Installation Information Activities, Installation Legal Activities, Civilian Personnel Administration, Installation Military Personnel, Administration Installation Printing and Reproduction, Installation Safety, Installation Management Analysis/Management Engineering.

Retail Supply Operations: Installation Supply Activities, Installation Procurement Operation, Installation Storage Activ ities.

Maintenance of Installation Equipment: (Includes maintenance of administrative aircraft, vehicles and equipment; but excludes maintenance of tactical equipment, combat vehicle and mission aircraft).

Other Base Services: Installation Transportation Activities, Installation Training (excludes Troop training and tactical exercise). Installation Physical and Police Activities, Laundry and Dry Cleaning (for troop support and other appropriated fund activities). Installation AirField/Air Base Operations (control tower, weather, flight service, etc.) Installation Restoration.

Bachelor Housing Operations and Furnishing: (management; housing assignment, care of quarters, provisions, care preservation and maintenance of furnishings, etc.)

Other Personnel Support: Food Service; Social Action; Community Service; Chaplain Services; Bands; Morale, Welfare and Recreation.

Excluded are the following functional categories which are a part of the standard definition of Base Operating Support, but are reported under separate PEs: Real Property Services, Minor Construction, Maintenance and Repair, Base Communications, Commissary Operations (Retail and Troop Issue), Station Hospitals, Medical and Dental Clinics and Dispensaries, Family Housing.

0508298F Management Headquarters (Training) (H);X-5-03;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to mobilization assignees allocated in support of Hq. Air Training Command.

Excludes nonmanagement headquarters resources.

0508711N Recruiting Activities (NR);X-5-04;
Includes resources associated with Officer Sea and Air Mariner (OSAM) Program (except for advertising) designed to provide a source of trained personnel to fill junior officer billets in the Reserve Mobilization base. This program offers an active duty obligation of not more than two years and a Selected Reserve drilling obligation of six years from date of commissioning.

0508712N Advertising Activities (NR);X-5-04;
Includes costs specifically identified and measurable to the design and implementation of advertising campaigns primarily by collateral material with the expressed purpose of stimulating interest for the Officer Sea and Air Mariner (OSAM) Program.

0508716N Other Personnel Activities;X-80-005;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Mobilization Reserves: NR Personnel Mobilization Teams

0508717F Awaiting Initial Active Duty Training (ANG); 11/6/87;

0508719N Child Development;X-91-2;;
Includes manpower authorizations, facilities, supplies and support equipment and the associated costs specifically identified and measurable to the intellectual, social, emotional and physical development of children. The primary sources are child development centers and family child care/family day care homes which are government quarters, owned or leased.

0508720N Family Centers;X-91-2;;

Includes manpower authorizations, facilities, supplies and support equipment and the associated costs specifically identified and measurable to spouse employment, relocation assistance, crisis referral and aid for families, financial management planning, information concerning family support resources, and services for families with special needs.

05087890 (A,F,M,N) Counterdrug Demand Reduction Activities, Reserves;X-94-2;;
This program element captures costs of activities related to Reserve counterdrug demand reduction activities (such as: education and training, testing, treatment and community outreach programs) which are funded by the transfer appropriation, Defense Drug Interdiction and Counter-Drug Activities Account. Activities funded in this program element will only be those approved by the Secretary of Defense and supported by the transfer appropriation.

Includes civilian and military authorizations.

0508792N Station Hospitals and Medical Clinics;X-5-04;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Mobilization Reserves: NR Naval Medical Clinic, NR Naval Hospital, NR Branch Hospital, NR Branch Medical Clinic.

0508798N Management Headquarters (Health Care);X-5-04;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Mobilization Reserves: NR Naval Medical Command.

0508814A Medical Screening and Dental Examination of Army National Guard Members;X-96-1;;
Includes OMNG funds to contract annual dental screening to Army National Guard members as required by law. Provides funds to administer biennial physical examinations to members over the age of forty. Provides funds for dental supplies and dental examination and treatment of early deploying units.

Excludes manpower and Military Pay, Army costs.

0508890A Visual Information Activities-Guard (H);X-8-03;
Funds Visual Information programs, consisting of the following subsets: Visual information (VI) productions and services and VI support.

Includes manpower authorizations and costs, travel, contractual services, procurement of supplies and materials, expense equipment, necessary facilities and the associated costs specifically identified, separable into "in-house" and "contract" portions, and measurable to the following guard functions, as appropriate:

o VI Productions and Services. Produce or acquire VI productions (i.e., slide and slide-sound sets, film strips,

multi-media, video disc, audio productions, combination media), and motion media with sound. Includes resources for scripting, preproduction, production, postproduction, libraries, duplication, distribution, production project management, and other related and associated services.

o VI Support. Provide VI operational (combat and technical) documentation, still and motion picture photography, video, audio, radio and television closed circuit and broadcasting (not Armed Forces Radio and Television Service (AFRTS)) services, graphic art, VI records centers, VI records holding facilities, presentation support, repair and maintenance, video teleconferencing terminals, related and associated services, and their supervision.

o Joint Visual Information Services (JVIS). Resources to operate and maintain JVIS production, depository, and distribution activities assigned by OASD(PA), as a joint mission for DoD.

Excludes VI management at command and component headquarters and OSD. Excludes technical documentation support not available from base VI services, integral to the mission of organizations supported, and identified in other program elements. VI equipment integral to technical documentation functions is also excluded. It does not include VI activities with discrete program elements such as: Armed Forces Radio and Television Service.

0508891A Recruiting Activities (ARNG);X-79-011;
Includes resources associated with programs and activities (except funds for advertising) designed to attract personnel into the Reserve Forces so that required manning levels can be achieved and maintained. This includes efforts to recruit personnel scheduled for separation from active military service and manpower engaged in advertising activities for Reserve Forces.

Excludes funding for advertising activities (see appropriate Advertising PEs in Program 5), and recruiting activities primarily for Active Forces.

0508892A Recruit Training (ARNG);;
Includes manpower authorizations, peculiar and support equipment,necessary facilities and the associated costs specifically identified and measurable to the following: Active duty training under the Army National Guard enlistment program which includes Pay Category F, or initial entry active duty trainees, and selected reserves and units which augment active recruit training on mobilization.

Excludes O&M costs of active training centers.

0508893A Professional and Skill Progression Training (ARNG);;
Includes manpower authorizations, peculiar and support equipment,necessary facilities and the associated costs specifically identified and measurable to the following guard activities, as appropriate: Individual training of reserve personnel and reserve support of individual training, except for recruit training and base operations. Includes:

- Programs, schools, and other resources dedicated to the training support of reserve forces. - Selected reserve units/manpower which augment active schools and training centers upon mobilization. - Pay, allowances, travel, per diem, and other expenses of reserve officers and enlisted personnel for training at service and other schools. - Personnel costs of short tours of active duty for special training, such as seminars and special training courses. - Active duty advisors.

Excludes base operations for training facilities, O&M costs of active duty schools and training centers, and recruit training.

0508897A Medical Support Units (ARNG);;
Includes manpower authorizations, peculiar and support equipment,necessary facilities and the associated costs specifically identified and measurable to the following: ARNG medical support units with the mobilization mission to augment the training and operating base in CONUS during the initial stages of mobilization. Their secondary mission is to support State authorities as required.

U.S. Army Hospitals, 100 bed TD Augmentations as assigned.

Excludes medical units carried in Tactical Support Forces elements.

0508899A Advertising Activities (ARNG);;
Includes costs specifically identified and measurable to the following: The design and implementation of advertising campaigns, for both paid and nonpaid media; and the purchase of advertising time/space in any media, with express purpose of stimulating interest in entering the Reserve Forces. Includes resources for all advertising programs designed to support the procurement and/or retention of military personnel in prior/nonprior service enlisted accessions and officer accessions.

Excludes manpower and related costs, and advertising expenditure for programs budgeted from Active Duty appropriations.

0508914A Medical Screening and Dental Examination of Army Reserve Members;X-96-1;;
Includes OMAR funds to contract annual dental screening to Army Reservists as required by law. Provides funds to administer biennial physical examinations to members over the age of forty. Provides funds for dental supplies and dental examination and treatment of early deploying units.

Excludes manpower and Military Pay, Army costs.

0508984A IRR Training (AR);X-91-2;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: Cost of two weeks annual training of member of the Individual Ready Reserve (IRR), including individual mobilization augmentees (IMA), and IRR members attending USAR schools.

0508985A Undistributed IRR (AR);X-91-2;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: members (or manpower spaces) of the Individual Ready Reserve (IRR), who cannot be associated with the active force elements that they augment upon mobilization.

0508990A Visual Information Activities-Reserve;X-6-06;

Funds Visual Information programs, consisting of the following subsets: Visual information (VI) productions and services and VI support.

Includes manpower authorizations and costs, travel, contractual services, procurement of supplies and materials, expense equipment, necessary facilities and the associated costs specifically identified, separable into "in-house" and "contract" portions, and measurable to the following reserve functions, as appropriate:

o VI Productions and Services. Produce or acquire VI productions (i.e., slide and slide-sound sets, film strips, multi-media, video disc, audio productions, combination media), and motion media with sound. Includes resources for scripting, preproduction, production, postproduction, libraries, duplication, distribution, production project management, and other related and associated services.

o VI Support. Provide VI operational (combat and technical) documentation, still and motion picture photography, video, audio, radio and television closed circuit and broadcasting (not Armed Forces Radio and Television Service (AFRTS)) services, graphic art, VI records centers, VI records holding facilities, presentation support, repair and maintenance, video teleconferencing terminals, related and associated services, and their supervision.

o Joint Visual Information Services (JVIS). Resources to operate and maintain JVIS production, depository, and distribution activities assigned by OASD(PA), as a joint mission for DoD.

Excludes VI management at command and component headquarters and OSD. Excludes technical documentation support not available from base VI services, integral to the mission of organizations supported, and identified in other program elements. VI equipment integral to technical documentation functions is also excluded. It does not include VI activities with discrete program elements such as: Armed Forces Radio and Television Service.

0508991A Recruiting Activities (AR);;
Includes resources associated with programs and activities (except funds for advertising) designed to attract personnel into the Reserve Forces so that required manning levels can be achieved and maintained. This includes efforts to recruit personnel scheduled for separation from active military service and manpower engaged in advertising activities for Reserve Forces.

Excludes funding for advertising activities (see appropriate Advertising PEs in Program 5), and recruiting activities primarily for Active Forces.

0508992A Recruit Training (AR);;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: Active duty training under the Reserve Enlistment Program which includes Pay Category F, i.e., initial entry active duty trainees; Category P; WAC training battalion selected reserve spaces; training divisions; and other selected reserves which augment active recruit training on mobilization.

Excludes O&M costs of active training centers.

0508993A Professional and Skill Progression Training (AR);;
Includes manpower authorizations, peculiar and support equipment,necessary facilities and the associated costs

specifically identified and measurable to the following: Individual training of reserve personnel and reserve support of individual training, except for recruit and flight training and base operations. Includes:

- Programs, schools, and other resources dedicated to the training support of reserve forces. - Selected reserve units/manpower which augment active schools and training centers upon mobilization. - Pay, allowances, travel, per diem, and other expenses of reserve officers and enlisted personnel for training at service and other schools. - Personnel costs of short tours of active duty for special training, such as seminars and special training courses. - Active duty advisors.

Excludes recruit and flight training, base operations for training facilities, and O&M costs of active duty schools and training centers.

0508995A Field Activities - Public Affairs;X-5-06;
Includes civilian and military manpower authorizations and related costs as applicable. Provides for public information and community relations activities, located at a field operating agency. Public affairs personnel costs are only for personnel occupying positions where 50 percent or more of their time is spent performing public information or community relations, but excludes personnel in clerical and supportive positions. Public information includes all functions and activities which are performed primarily for the purpose of providing official information about the Army Reserve to the public and public media, such as press, radio and television. The community relation classification applies to all functions and activities which are performed primarily for the purpose of contributing to good relations between the Army Reserve and all segments of the civilian population to help foster mutual acceptance, respect, and cooperation. Includes travel, communications, utilities, facilities and other costs as appropriate.

Excludes Management headquarters resources.

0508997A Medical Support Units (AR);;
Includes manpower authorizations, peculiar and support equipment,necessary facilities and the associated costs specifically identified and measurable to the following : AR medical support units with the mobilization mission to augment the training and operating base in the CONUS during the initial stages of mobilization.

HQ & HQ Det Medical Group, Medical Convalescent Center, General Hospital, 1000 bed, U.S. Army Hospital, 100 bed, U.S. Army Hospital, 300 bed, U.S. Army Hospital, 500 bed, Medical units, Dental Service, TD Augmentations as assigned.

Excludes medical units carried in Tactical Support Forces element and Special Mission Forces.

0508998A Management Headquarters, Public Affairs (AR);X-3-01;
Provides for manpower and related information located in a Management headquarters. Public affairs personnel costs are only for personnel occupying positions where 50 percent or more of their time is spent performing public affairs or community relations. Public information includes all functions and activities which are performed primarily for the purpose of providing official information about the Army Reserve to the public and public media, such as press, radio, and television. The community relation classification applies to all functions and activities which are performed primarily for the purpose of contributing to good relations between the Army Reserve and all segments of the civilian population to help foster mutual acceptance, respect, and cooperation.

Includes travel, communications, utilities, facilities, and other costs as appropriate.

0508999A Advertising Activities (AR);;
Includes costs specifically identified and measurable to the following: The design and implementation of advertising campaigns, for both paid and nonpaid media; and the purchase of advertising time/space in the media, with express purpose of stimulating interest in entering the Reserve Forces. Includes resources for all advertising programs designed to support the procurement and/or retention of military personnel in all elements of the Reserve Forces, regardless of procurement sources, i.e., prior/nonprior service enlisted accessions and officers accessions.

0509118F Civilian Disability Compensation (AFR) ;X-91-1;
This program element funds payment for civilian compensation benefits for disability due to personal injury sustained while in the performance of duty or due to employment related disease according to the Federal Employees' Compensation Act (FECA) under 5 U.S.C. Chapter 81. The Department of Labor administers these programs but charges the Department of the Air Force for its employees' costs.

Excludes civilian and military manpower and their related costs..

0509218F Civilian Disability Compensation (H);X-95-2;

0509220F Reserve Readiness Support (ANG);;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to State Headquarters, including permanent training site detachments, range detachments, maintenance detachments, and statistical service detachments.

0509297F Civil Engineering Squadrons (ANG);X-8-06;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to Civil Engineering Squadrons, including civil engineering flights, logistics support, operations support, medical support, engineering support, and food service support.

0509298F Management Headquarters (ANG);;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the National Guard Bureau, Air Force Support.

0509313F Other Support (AFR);;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to mobilization assignees assigned to the Data System Design Center, Civil

Air Patrol, Audit Agency, and Special Activities.

0509330F Reserve Readiness Support (AFR);;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to Reserve Regions and Reserve Libraries.

0509389F Federal Emergency Management Agency;X-80-005;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to mobilization assignees designated for duty with the Federal Emergency Management Agency (FEMA).

0509391F Service Support to Non-DoD Activities (AFR);;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to mobilization assignees designated for duty with the Selective Service System.

0509392F Personnel Administration (AFR);;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to mobilization assignees with a mobilization assignment to the USAF Reserve Personnel Center or the USAF Military Personnel Center.

Excludes personnel support at base level.

0509393F Civil Engineering Flights (AFR);;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to civil engineering flights.

Excludes civil engineer elements included in normal base operating support, and costs of materials used on real property maintenance, repair, or construction projects which are accomplished as a by-product of training.

0509397F Civil Engineering Squadrons, Heavy Repair (AFR);;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to Civil Engineering Squadrons, including logistics support, operations support, medical support, engineering support, and food service support.

0509398F Management Headquarters (AFR);X-1-006;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs

specifically identified and measurable to the Office Chief of Air Force Reserve; Air Force Reserve HQ, and mobilization assignees allocated in support of HQ, U.S. Air Force and AF Reserve.

Excludes nonmanagement headquartes resources.

0509498N Management Headquarters (Departmental Naval Reserve);X-78-008;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Naval Reserve support at the Washington Headquarters Level: Title 10 USC Section 265 Reserve billets Civilians

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0509513N Service Wide Support;X-2-006;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Mobilization Reserves: NR Legal Services Offices, NR Judge Advocate CONUS, NR Finance Center Cleveland.

0509517N Service Support to Non-DoD Activities;X-78-014;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Mobilization Reserves: NR Selective Service System

0509519N Public Affairs;X-78-014;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Mobilization Reserves:

NR Navy Internal Relations Activity, NR Navy Information Office, NR Office of Information, NR Public Affairs Center, NR Fleet Home Town News Center

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0509520N Reserve Readiness Support (Naval Reserve);X-78-008;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Naval Reserve Readiness Commands, Selected Reserves assigned to Naval Reserve Readiness Commands.

0509521N Personnel Administration;X-2-006;

Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Mobilization Reserves:

NR COMNAVMILPERSCOM WASH DC

0509523N Personnel Administration (Naval Reserve);X-80-005;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Naval Reserve Personnel Center.

0509596N Base Operations - Administrative;X-95-1;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following functional categories of effort:

Administration: Installation Headquarters Administration and Command (including squadron level responsible for Base Operations), Installation Comptroller Services, Installation ADP Services, Installation Information Activities, Installation Legal Activities, Civilian Personnel Administration, Installation Military Personnel, Administration Installation Printing and Reproduction, Installation Safety, Installation Management Analysis/Management Engineering.

Retail Supply Operations: Installation Supply Activities, Installation Procurement Operation, Installation Storage Activ ities.

Maintenance of Installation Equipment: (Includes maintenance of administrative aircraft, vehicles and equipment; but excludes maintenance of tactical equipment, combat vehicle and mission aircraft).

Other Base Services: Installation Transportation Activities, Installation Training (excludes Troop training and tactical exercise). Installation Physical and Police Activities, Laundry and Dry Cleaning (for troop support and other appropriated fund activities). Installation AirField/Air Base Operations (control tower, weather, flight service, etc.) Installation Restoration.

Bachelor Housing Operations and Furnishing: (management; housing assignment, care of quarters, provisions, care preservation and maintenance of furnishings, etc.)

Other Personnel Support: Food Service; Social Action; Community Service; Chaplain Services; Bands; Morale, Welfare and Recreation.

Excluded are the following functional categories which are a part of the standard definition of Base Operating Support, but are reported under separate PEs: Real Property Services, Minor Construction, Maintenance and Repair, Base Communications, Commissary Operations (Retail and Troop Issue), Station Hospitals, Medical and Dental Clinics and Dispensaries, Family Housing.

0509598N Management Headquarters (Field Naval Reserve);;

Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Chief of Naval Reserve Headquarters, New Orleans, CNAVRES Representatives Atlantic, Pacific

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0509698N Management Headquarters (Departmental);X-78-014;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Mobilization Reserves:

NR Naval Military Personnel Command, NR Naval Operations Command Support Center, NR Office of the Judge Advocate General, NR Personnel Procurement Support Activity Bupers 4, NR Office of Naval Operations 02.

0509711M Augmentation Units (MCR) (H);;

0509720M Reserve Readiness Support (MCR);X-95-2;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Marine Reserve Force Headquarters (MARRESFOR HQ) to include Active Component and Active Reserve support personnel, Marine Crops Reserve Support Command (MCRSC), Reserve Support Units (RSU); Reserve personnel on active duty with the Reserve establishment in accordance with the provisions of Sections 672(d)/678 and 265, Title 10 US who assist in organizing, instructing, and training the Reserve Component; and Direct Hire civilian personnel with the Reserve Component at the 4th Marine Division, 4th Force Service Support Group, 4th Marine Aircraft Wing, Marine Reserve Force Headquarters, and Marine Corps Reserve Support Command.

Excludes Reserve personnel on active duty for the purpose of recruiting (see Recruiting Activities, PE 0508144M).

0509891A Mobilization Base Units (ARNG);X-79-011;
Includes manpower authorizations, peculiar and support equipment,necessary facilities and the associated costs specifically identified and measurable to the following : ARNG units with the mobilization mission to augment the operating base in CONUS during the initial stages of mobilization. Their secondary mission is to support State authorities as required.

Band, Military Police, Aircraft Maintenance, Engineer Service Unit, Community Relations Unit, Marksmanship Unit, Station Complement, TD Augmentation as assigned, State Headquarters Detachments.

Excludes units with mobilization mission to augment the Training base.

0509892A Reserve Readiness Support (ARNG);X-79-011;

Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following :

Advisors, ARNG officers on active duty to administer Reserve programs (RIC 0033), ARNG enlisted on active duty to adminster Reserve programs (RIC 0130), ARNG Technicians.

Excludes management headquarters activities and full-time recruiting and retention personnel.

0509895A Base Communications (ARNG);;
Includes peculiar and support equipment, necessary facilites, and the associated costs specifically identified and measurable to nontactical communications support for ARNG activities.

0509898A Management Headquarters (ARNG);X-1-006;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following :

National Guard Bureau (Overhead and Army Directorate)

Excludes State headquarters detachments and other nonmanagement headquarters resources. Refer to DoDD 5100.73.

0509989D Army Reserve Construction Support;X-1-010;
Resources provided for this program element are for FYs 1981 and 82 only. Resources will be used to accomplish projects which have been deferred from prior years due to fiscal constraints.

0509991A Mobilization Base Units (AR);;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: U.S. Army Reserve units with the mobilization mission to augment the operating base in CONUS during the initial stages of mobilization.

U.S. Army Garrison, Engineer Map Depot, Engineer Service Units, Military Police Units, Judge Advocate Units, Army Bands, TD Augmentations as assigned.

Excludes manpower authorizations in the Army Reserve Command, Reception Stations, U.S. Army Holding and Reconsignment Points, Out Ports, CD Detachments, Selective Service Detachments, Military Intelligence, and Communications.

0509992A Reserve Readiness Support (AR);;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Army Reserve Commands, Army Readiness Regions (ARR), Reserve Readiness Support Elements, Alaska and Hawaii,

Readiness Activities, Advisor Clerks, NG Dedicated, Advisor Clerks, Other, Other Advisor Operating Costs, Readiness Groups, Directors of Reserve Components at active Army installations and Hq USAUER.

Excludes management headquarters activities.

0509993A Personnel Administration (AR);;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Officer Personnel Management System (OPMS-AR), Enlisted Personnel Management System (EPMS-AR).

0509995A Base Communications (AR);;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: Procurement, construction, installation, and maintenance of nontactical communications for the Army Reserve.

0509998A Management Headquarters (AR);;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Office of Chief of Army Reserve, 1st Army HQ, 5th Army HQ, 6th Army HQ.

Excludes nonmanagement headquarters resources. Refer to DoDD 5100.73.

0509999A Service Support to Non-DoD Activities (AR);X-80-004;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: Selective Service Detachment.

0510198N Management Headquarters (International);X-78-014;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: Mobilization Reserves:

NR The Supreme Allied Command Atlantic, NR Strategic Air Command Atlantic, NR National NATO Executive Board Representative, NR Command Strike Force Atlantic, NR North American Air Defense Command/Administrative Command, Joint Support Group.

0511829A Service Support to SOF NG Activities (H);X-92-4;;
Includes resources associated with non-SOF unique (service standard) equipment provided to Army National Guard SOF

activities under the provisions of CINCSOC/Army Memorandum of Agreement (MOA).

Excludes costs of equipment provided to SOF Active Army and Reserve activities which are included in PE 0211148A and PE 0511929A and SOF unique items resourced in Program 11 by CINCSOC.

0511929A Service Support to SOF Army Reserve Activities (H);X-92-4;;
Includes resources associated with non-SOF unique (service standard) equipment to Army Reserve SOF activities under the provisions of CINCSOC/Army Memorandum of Agreement (MOA).

Excludes costs of equipment provided to SOF Active Army and National Gurad activities which are in PE 0211148A and 0511829A and SOF unique items resourced in Program 11 by CINCSOC. Primary activity supported: Research and Development.

DEPARTMENT OF DEFENSE
PROGRAM ELEMENT DEFINITIONS

0601101A In-House Laboratory Independent Research;X-80-002;
Includes civilian and military manpower authorizations and related costs as applicable. RDTE funds necessary to provide individual Army scientists and engineers an additional opportunity to maintain and increase professional competence by doing original work in areas suited to their research talents. It is one of several measures utilized to strengthen scientific and engineering competence, to improve morale, to aid scientific and technical personnel recruitment and retention within Army R&D laboratories, and to facilitate communication and interaction with the scientific community. This program serves as a wellspring for creative and innovative ideas, many of which progress into the Development programs.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0601102A Defense Research Sciences;X-80-002;
Includes civilian and military manpower authorizations and related costs as applicable. RDTE funds to support basic and applied research in the physical, engineering, environmental, biological-medical, and behavioral-social sciences directly related to explicitly stated long-term national security needs and to the solution of identified military problems. This program forms the base for subsequent exploratory and advanced development programs in such areas as communications, surveillance, weapons, aircraft, medical sciences, land vehicles, guidance and control, navigation, energy conversion, armor, miltary construction, and personnel support. The broad grouping of the research program into scientific areas characterizes the nature of the Army's research effort. It derives from the strong need of the Army to participate in and sponsor work in the scientific community forthe development of new knowledge that contributes to the improvement of Army material.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0601103A University Research Sciences (H);X-7-05;
This program element funds DoD relevant research efforts as part of a coordinated action by the Army, Navy, Air Force and ARPA at U.S. universities and colleges. Efforts include research instrumentation, graduate fellowships, faculty development and potentially high payoff research projects in emerging technologies such as materials and structures, biotechnology, computer science and microelectronics.

Excludes manpower authorizations and related costs.

0601104A University and Industry Research Centers;X-94-6;;
Includes military and civilian manpower authorizations and related costs; however program is predominantly non-government. Includes funds to establish a Federated Laboratory and University Centers of Excellence. Efforts will center on simulation, high performance computing, sensors, microelectronics, software and intelligent systems, and information science and technology areas where the Army will leverage off developments in academia and industry. This will result in reduced manpower and support modernization of the Army's laboratory system.

Excludes military construction costs.

0602101A Information Processing (H);;
Includes RDT&E funds to provide more timely, accurate, complete, and useful intelligence for the field Army through exploratory development effort on intelligence processing techniques and procedures, man-machine interactions, and data management. It is planned to achieve a totally integrated intelligence processing system consonant with the evolving Integrated Battlefield Control System concept and the developing of the Army Tactical Data System. Critical intelligence information will be presented in a form easily digested and utilized by commanders and other decision-makers.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0602102A Electronic Warfare (H);;
Includes RDT&E funds for the application of advanced research and technology to electronic countermeasures, electronic counter-countermeasures, electronic warfare support measures, and electronic optical techniques. Studies are conducted to improve the operational capability of the Army electronic weapons and communications systems to operate in a hostile ECM environment without significant degradation.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0602103A Surface Mobility Studies (H);;
Includes RDT&E funds to improve the cross-country mobility performance of combat, tactical and logistical vehicles, to develop quantitative techniques for predicting vehicle performance, and to develop improved methods of classifying and portraying terrain for mobility purposes. This research also evaluates new materials and techniques for preparing expedient surfaces in forward areas and explores innovative measures for controlling dust cloud formation and soil erosion due to missile blast and aircraft engine exhaust.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0602104A TRACTOR ROSE;X-0-09;
Includes military and civilian and manpower and related costs. This is special access program. Details will be provided on a need to know basis to authorized personnel on a special access list.

Excludes military construction costs.

0602105A Materials Technology;X-7-05;
Includes civilian and military manpower authorizations and related costs as applicable. Includes RDTE funds necessary to conduct applied research and exploratory development in the following areas: Metallurgical techniques and alloy improvements; organic materials; ceramic materials; composite materials; mechanics of materials; and

test and evaluation methods. All these efforts are aimed at producing improved materials for use in the design, construction, and operation of Army material to satisfy superior performance requirements.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0602106A Human Factors in Military Systems (H);;
Includes RDT&E funds to support the following: (1) Selection and Behavioral Evaluation on selection, classification, and evaluation of behavior involving unusual demands upon individuals, groups, or systems; (2) Human Performance in Military Systems--research to improve operating procedures, work methods, design of teams and interaction of men with equipment; (3) Human Factors Engineering--research on man-machine compatibility aimed at providing the soldier with equipment he can physically and mentally operate and maintain. The objective is to discover and develop principles and techniques for increasing the efficiency with which Army personnel perform their duties, operate and maintain their equipment, serve their weapons, give and accept commands, and adapt to environmental and psychological stresses.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0602107A Military Selection, Training, and Leadership (H);;
Includes RDT&E funds to support the following: (1) Leadership--research and development in modern principles, techniques, procedures and practices in military leadership at commissioned officer and noncommissioned officer levels with special reference to training, motivation, morale, and command functions as these functions fulfill the needs of a modern volunteer Army. The leadership functional area terminates in FY 1973. (2) Army Training Research--the expansion of an in-house capability in training research to supplement existing contractual effort. Includes research in the areas of training methodology, training techniques, and included in appropriate management and support elements in this program. leadership to determine the training procedures which will bring the soldier to peak efficiency in the shortest time.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0602108A Performance Effectiveness of the American Soldier (H);;
Includes RDT&E funds necessary to assist the Army's efforts to attain and maintain a modern volunteer force by carrying out research on methods to enhance job satisfaction; improvement of interpersonal relations; measurement of attitudes and perceptions about personnel management policies; enhancing racial harmony and equal opportunity; improving alcohol and drug abuse prevention education and control; important considerations involved in military career decisions; and soldier reactions to discipline requirements. Research in support of the Army's mission in psychological operations and civil military operations is also included.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0602109A Environment (H);;

0602110A Surgical Investigations (H);;
Includes RDT&E funds to conduct a comprehensive research and exploratory development program in the life sciences that will conserve military manpower, reduce illness and hospitalization, lower mortality, and improve the effectiveness of the individual soldier in all environments by providing greater protection from the effects of adverse environments and providing improved field medical support for all types of military operations. This program encompasses a wide range of biological and medical investigations in support of the objectives.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0602111A Atmospheric Investigations (H);X-8-03;
Includes civilian and military manpower authorizations and related costs as applicable. Includes RDTE funds to determine how atmospheric factors (fog, humidity, temperature, density, wind, precipitation) affect field Army operations; and develop techniques and equipment to apply this knowledge to enhance the Army all-weather operational capability. Primary investigations include remote sensing of the atmosphere, meteorological satellite application, automatic meteorological system, small-scale weather parameters, and warm and cold fog dissipation techniques. Primary equipment includes the Tactical Meteorological Data Sounding System, the Meteorogical RDTE Rocket, the Portable Automatic Weather Observing System, the Portable Radar for Wind Measurements, sensors for in situ measurement of ionospheric parameters, a propane dispenser for cold fog dissipation, and meteorological satellite readout equipment.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0602112A Terrestrial and Construction Investigations (H);;
Includes RDT&E funds to determine the nature and distribution of environmental factors that affect military activities and to establish environmental criterial for design, testing, storage, and use of Army materiel. Improved methods are developed to assess the constraints imposed by the environment on the design and performance of Army materiel. New landing mats and dust contol measures are evaluated for C-5A requirements. Properties of snow, ice, and permafrost are investigated as they relate to vehicle mobility, anchorages in frozen ground, and performance of battlefield sensors. Feasibility of using surface-effect vehicles as logistical carriers in cold regions is investigated by field experiments in Alaska.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0602113A Hardened BMD Materials (H);;
Includes RDT&E funds to provide new or improved materials and technology for advanced missile systems under development by the Army's Advanced Ballistic Missle Defense Agency. Three integrated exploratory development project areas make up the program. The first project area is aimed at defining the materials properties necessary for survival of the missile systems in the environments they must face. The second project area aims to establish the manner by which materials fail when subjected to the nuclear and non-nuclear effects of the ballistic missile

defense environment. The third and largest project area is concerned with developing new materials that satisfy the requirements as defined by the other two projects.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0602114A Fluidic Technology Investigations (H);;
Includes RDT&E funds to develop fluidic technology, components, and systems to support Army applications to a wide range of materiel varying from missiles to ground vehicles. The system advances the state-of-the-art, provides supporting research, and explores applications of fluidics to operational systems. The goal is to provide fluidic components and systems that will impart improved ruggedness, reliability, low cost, and radiation resistance as appropriate to Army materiel.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0602115A General Biological Investigations (H);;

0602116A General Chemical Investigations (H);;
Includes RDT&E funds to provide a technological base for offensive and defensive efforts for the Chemical Warfare Program. This program contains eight projects devoted to search for potential chemical agents, medical effects of riot control agents, dissemination and dispersion technology, agent process technology, test and assessment techniques, and and systems analyses. This program is performed in-house and on contract under the supervision of a number of major R&D activities within the U. S. Army Materiel Command.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0602117A Nuclear Munitions and Radiacs (H);;
Includes RDT&E funds to conduct exploratory development work associated with the development of advanced components and systems for nuclear weapons such as projectiles, atomic demolition munitions, and warhead sections for missiles and rockets. Emphasis in componentry work is to reduce size, complexity, weight, maintenance requirements, and vulnerability, and to increase accuracy and reliability of nuclear weapons materiel. The objectives of the systems effort are to simplify logistical support and military operations such as are embodied in the wooden warhead concept; advance the technology of system synthesis; improve cost effectiveness; reduce development lead time; and improve safety and survivability of nuclear weapons.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0602118A Nuclear Weapons Effects Research and Test (H);;

Includes RDT&E funds to conduct exploratory development in military engineering applications of nuclear weapons effects, such as determining the properties of explosion-produced craters, developing design procedures, construction techniques and shock-resistant materials for protective structures, and development of an understanding of shock propagation and response phenomena in soil and rock media; to evaluate a lethality model of Ballistic Missile Defense applications, make detailed study of failure signatures that could provide recognizable kill-criteria, explore feasibility of application of radiological design optimization code for balanced hardening of missiles; to determine potential application of "stimulated emission of nuclear radiation" for Army use; to generate data on response of Army material to transient nuclear radiation, electromagnetic pulse, blast, neutrons, and X-rays; to operate various reactors and accelerators; and to investigate techniques for hardening Army systems to the effects of nuclear weapons. This program is performed in-house and on contract under the supervision of a number of major R&D activities within the U. S. Army Materiel Command and Corps of Engineers.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0602119A Nuclear Power Applications (H);;
Includes RDT&E funds for a broad and continuing applied research program on chemical, electrical, mechanical, and nuclear problems in energy conversion to develop more efficient and reliable power devices for electric vehicle propulsion, utility electric power, reserve fuze power for rocket and cannon projectiles and information on cost-effectiveness of nuclear power. Research concentrates on fuel cells, ultra high speed turbines, power conditioning, and analysis of cost-effectiveness of Army applications of nuclear energy.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0602120A Sensors and Electronic Survivability;X-94-6;;
Includes civilian and military manpower authorizations and related costs as applicable. This program provides three critical technologies to increase the survivability and combat effectiveness of tactical Army forces: (1) Nuclear effects survivability technology insured that mission essential battlefield equipment will be survivable on a tactical nuclear battlefield. The program provides the technology for development of equipment that will be survivable on the tactical nuclear battlefield. The program is structured to provide adequate environmental definition for all nuclear weapon effects, to develop appropriate hardening fixes and to provide technology for including nuclear survivability hardening during design of systems in development or for product improvements of fielded systems. (2) High power microwave technology addresses a new emerging threat to Army electronic systems. This program provides the technology for hardening Army systems likely to be exposed to high power microwave directed energy weapons. The approach is to build on technology developed for hardening frequency range. (3) Electronic fuze technology provides the capabilities to increase the effectiveness of warheads and munitions against advanced threat targets, especially in the presence of enemy electronic countermeasures. Provides for fuzing of high priority systems, regardless of type of delivery. Advanced weapons concepts are analyzed to define fuzing needs and define optimum approaches. Feasibility of technical approaches is then demonstrated. Critical components are identified and developed for future use in fuzes.

Excludes military construction costs.

0602121A Military Engineering Technology (H);;

Includes RDT&E funds to develop techniques, materials and usage guidance that will reduce construction cost and improve functional performance of permanent facilities; reduce time and manpower requirements of combat construction; and provide technology so Army facilities can effectively and economically comply with projected environmental quality standards of the Environmental Protection Agency.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0602122A TRACTOR HIP;X-92-5;;
Includes civilian and military manpower authorizations and related costs as applicable, and RDT&E funds specifically identified and measurable to a special classified project for which information on resources will be provided only on a "need-to-know" basis to authorized personnel identified on a special access list.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0602123A TRACTOR FIELD;X-0-05;
The contents of this program are classified and will be provided only to personnel with a valid need to know.

Excludes military construction costs, and manpower authorizations.

0602201A Aircraft Weapons Technology (H);X-8-03;
Includes civilian and military manpower authorizations and related costs as applicable. Includes RDTE funds to obtain data and determine the feasibility of applying advanced armament techniques to Army aircraft. Specific areas addressed are aircraft weapons fire control, gun-type aerial weapons, and aerial weapons warheads.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0602202A Aircraft Avionics Technology;X-8-03;
Includes civilian and military manpower authorizations and related costs as applicable. Includes RDTE funds to provide the technological base for investigation of new ideas, concepts, and techniques in aviation electronics. The objective is to obtain data and determine the feasibility of applying new aviation electronic technology to Army aircraft and ground-based avionics equipment. Particular emphasis is placed on helicopter operations at night and during periods of reduced visibility. Included are investigation, positioning, landing, air traffic management, communications, environmental sensing, instruments/displays, and low-level operations.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0602203A Air Mobility Technology (H);;

Includes RDT&E funds to perform studies and investigations that will lead to development of items, excluding aircraft, that support the Air Mobility concept of the Army. Specific areas are airdrop equipment, helicopter external cargo systems, and ground support equipment for Army aircraft.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0602204A Aerodynamics Technology (H);;
Includes RDT&E funds for the development of aerodynamic technology necessary to improve the operational effectiveness and mission capability of Army airmobile systems including all-purpose, all-weather, rotary-wing and vertical/short takeoff and landing (V/STOL) aircraft systems. Technology investigations include the aerodynamics of aircraft components, boundary-layer flow, aerodynamic noise generation, flight loads and handling qualities, stability and control characteristics, and advanced flight-control systems. The technology developed will improve the availability, survivability, and reliability of future Army aircraft such as the Advanced Attack Helicopter, the Utility Tactical Transport Aircraft System, and the Heavy Lift Transport Aviation Systems.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0602205A Aeronautical Technology (H);;
Includes RDT&E funds to explore the technologies involved in solving the operational problems facing an Army aircraft in the field and allowing it to attain readiness for accomplishment of its air mobility mission. Efforts include work in flight safety and fire prevention, aircraft survivability, and reduction of vulnerability in the combat theater, reduction of detection by enemy infra-red radar and other advanced-type seekers, investigation of aircraft maintainability in the field, and investigation of human factors and the man-machine relationship as it applies to Army aircraft.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0602206A System Synthesis Analysis (H);;
Includes RDT&E funds for the development of aircraft design studies and aircraft systems analysis in sufficient depth to provide the necessary scientific and operational analysis of alternative aircraft concepts meeting projected mission requirements required as a basis for decisive judgment. Through parametric and preliminary design studies, cost and cost-effectiveness analyses, and system studies will be identified for those areas of technology that appear to hold the highest potential for the improvement of the U. S. Army aviation capability. These studies will be used to insure timely initiation of research. Studies and analysis will support utilization of foreign aviation technology for useful Army aircraft design applications.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0602207A Aircraft Propulsion Technology (H);;

Includes RDT&E funds to support applied research and exploratory development on aircraft propulsion systems, power producers, power transmissions, thrust producers, gas-turbine components, accessories, and investigation of operational problems. Principal propulsion technology efforts within this element are power devices, propulsion components, and aircraft fuels and lubricants. The necessary research will be conducted to provide the required background and experimental hardware from which new propulsion systems can be demonstrated and existing systems can be greatly improved.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0602208A Aircraft Loads and Structures (H);;
Includes RDT&E funds for the development of structural technology for improved V/STOL aircraft, primarily rotary wing, through an understanding of flight loads, their analysis and experimental correlation, and the use of advanced materials, new structural concepts, and exploitation of composite materials. Increased knowledge of loads and structural response to the helicopter dynamic environment and rapidly advancing materials technology will result in additional design criteria and techniques permitting increased performance and life with lower maintenance.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0602209A Aeronautical Technology;X-8-03;
Includes civilian and military manpower authorizations and related costs as applicable. Provides exploratory development programs necessary to expend the scientific knowledge in the field aeronautical technology and to exploit the knowledge within the various technical disciplines. This is necessary to increase the operational effectiveness, reduce life cycle cost, decrease the dependence on mechanical components and improve rotorcraft analysis and flight capabilities. Research is closely integrated with NASA programs through joint programs and use of facilities. Areas of classical research included, such as: Reliability and maintainability; safety and survivability; aerial systems analysis; small-sized gas turbines including power devices and components; engine accessory systems; transmissions, including speed reducers, bearings, gears, seals and shafting; advanced aircraft structures; and aircraft design criteria and load analysis; advanced computational math modeling analysis; and R&D simulation experiments for future aircraft concepts. Technology base has application to improvements of existing helicopters and future rotorcraft derivatives.

Excludes military construction costs which are included in appropriate management support elements in this program.

0602210A Airdrop Technology (H);X-8-03;
Includes civilian and military manpower authorizations and related costs as applicable. Includes development of basic airdrop technology for concepts, materiel, and techniques which have the potential for increasing mission capabilities and efficiency in airdrop operations, and for reducing the costs of developing, acquiring, issuing, and maintaining parachutes and aerial delivery systems and equipment.

0602211A Aviation Technology;X-7-05;

Includes military and civilian manpower authorization and related costs. This exploratory development aircraft technology project will keep Army aviation equipment technologically ahead of our potential adversaries, develop new technology to overcome materiel deficiencies, respond to an ever changing threat, and exploit technological advances. To function effectively on the modern battlefield and the battlefield of the future, it is necessary to make use of air mobility to rapidly deploy personnel and equipment over a wide range of terrain features and to seek out and destroy the threat. To accomplish this, low disc loading vertical takeoff and landing (VTOL) aircraft offer the only practical solution to achieve the ability to operate at very low speeds while maintaining sufficient range and endurance. The objective of this program is to conduct exploratory development and expand scientific knowledge in the field of aeronautical technology and to exploit this knowledge within the various technical area disciplines to increase Army aircraft operational effectiveness; reduce life-cycle costs; decrease dependence on mechanical flight control components; improve the soldier-machine interface; and improve helicopter analysis, system integration, and flight simulation capabilities, using both in-house and contract research efforts. Technical areas included are: Aeromechanics, structures, propulsion, reliability and maintainability, safety and survivability, mission support equipment, aircraft systems synthesis, aircraft subsystems, advanced helicopter analyses, flight simulation, man-machine integrations, aircraft weapons, aircraft avionics and advanced systems concepts. Some examples of technology which has been developed under this program element include: elastomeric bearings, composite rotor blades, engine component technology for the T-700 engine, crashworthy fuel tanks, and internal cargo handling equipment. These technologies are continuously being developed for application to improve and correct deficiencies in current Army-aircraft systems such as the UH-60 Blackhawk and AH-64 Apache and in the development of future systems such as the Light Helicopter Family (LHX), future attack rotorcraft, and advanced cargo aircraft. This program provides the exploratory development for Army avionics systems and related equipment for improvement of air-to-air and air-to-ground communications, digital avionics, nap-of-the-earth (NOE) navigation, and air traffic management.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0602270A EW Technology;X-0-05;

Includes military and civilian manpower authorizations and related costs and funds for technology development and proof of principal for tactical EW and aircraft survivability requirements.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0602301A Missiles (H);;

Includes RDT&E funds to demonstrate concept feasibility in non-nuclear warheads, fuzing technology, terminal homing, and predicted fire techniques. The work includes fundamental applied research, breadboard hardware, and some component and full-scale testing, but no major systems development.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0602302A Missile Propulsion (H);;

0602303A Missile Technology;X-80-002;

Includes civilian and military manpower authorizations and related costs as applicable. Includes RDTE funds to provide for exploratory development of missile-related technology conducted under the sponsorship of the U. S. Army Missile Command. Areas of interest include guidance and control, penetration aids, studies and analysis, propellant improvement, liquid, solid and airbreathing propulsion, component development, launchers and ground support equipment, aerodynamics and structure, terminal homing guidance, to include laser research, and the effects of RF energy on missile components. The work conducted capitalizes on the results of research, and includes breadboard hardware and component and full-scale testing, but does not include major systems development. This element provides the Army's major effort in developing future rocket and missile systems components. This program is performed in-house and on contact under the supervision of a number of major R&D activities within the U. S. Army Materiel Development and Readiness Command.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0602304A Exploratory Ballistic Missile Defense Development (H);;
Includes RDT&E funds necessary to support exploratory Ballistic Missile Defense (BMD) development which consists of those efforts directed toward solving specific BMD problems through means varying from applied research to fabrication of hardware required for feasibility demonstration programs. The effort is toward determining the feasibility and practicality of proposed solutions and determining their parameters. The intent is to foster, support, and exploit BMD-associated concepts in scientific and engineering communities which would otherwise remain underdeveloped. Exploratory BMD development is the basis for assuring that sound new ideas are explored to the point that their applicability and suitability to BMD can be determined, and that the U. S. not be suprised in BMD by unanticipated application of foreign technology.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0602306A Hardened Ballistic Missile Defense Materials (H);;
The objective of this program is to provide new or improved materials and technology for advanced missile systems under development by the Army's advanced Ballistic Missile Defense Agency. Three integrated exploratory development project areas make up the program. The first project area is aimed at defining the materials properties necessary for survival of the missile systems in the environments they must face. The second project area aims to establish the manner by which materials fail when subjected to the nuclear and non-nuclear effects of the ballistic missile defense environment. The third and largest project area is concerned with developing new materials that satisty the requirements as defined by the other two projects.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0602307A Advanced Weapons Technology;X-95-3;;
Includes civilian and military manpower authorizations and related costs as applicable. The object of this effort is to develop and maintain the Army's technology base in high energy lasers. This will be done: (a) by performing and sponsoring research, development, and related activities in high energy laser science and technology designed in advance the state-of-the-art; (b) by developing promising candidate high energy laser technologies that appear relevant to Army missions and requirements; and (c) by evaluating and improving existing high energy laser

technologies currently being developed under Army sponsorship.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0602308A Modeling and Simulation Technology;X-95-3;;
Includes distributed interactive simulation for "electronic battlefields" to support research and development, test and evaluation, training and education, and modeling, simulation and analysis as part of the weapons and logistics acquisition and requirements process.

Excludes civilian and military manpower and military construction costs which are included in appropriate management and support elements in this program.

0602601A Combat Vehicle and Automotive Technology;X-7-05;
Includes civilian and military manpower authorizations and related costs as applicable. Includes RDTE funds necessary to support the improvement in tactical vehicles. The exploratory research and development accomplished within this program includes work on tract and suspension systems, rubber, and other nonmetallic hardware, vehicular electrical conponentry, long-range concept for combat vehicles, armor plating, automatic diagnosis and test equipment for vehicular systems, miscellaneous kits and accessories (i.e., heaters, winches, water propulsion kits, and fire suppression kits for combat vehicles) and vehicle noise reduction. Completed component developments are included in a total system design either during the major vehicular development and concept stage or as add-on product improvements. This program also includes the exploratory research for design parameters and technological base data to support the Service-peculiar U.S. Army marine mission of providing improved logistical transportation for dispersed oceans transports to inland transfer points.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0602603A Large Caliber and Nuclear Technology (H);X-8-03;
Includes civilian and military manpower authorizations and related costs as applicable. Includes all exploratory investigations and demonstrations associated with gun-type weapons systems of calibers larger than 50 millimeters. Embraces efforts in interior, exterior, and terminal ballistics to include supporting technologies of fuzing, terminal guidance, and energetic materials for all caliber applications. Also includes munitions technology which emphasizes technology development to significantly improve safety and survivability of Army components of nuclear warhead sections, and the cost- effective improvements in reliability, availability, and maintainability of those warhead sections.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0602604A Army Small Arms Program (H);;
Includes RDT&E funds to provide for exploratory development and applied research of appropriate tasks in the Army Small Arms Program. Involved are all individual hand- held, special purpose, and crew-served ground weapon systems

up to and including caliber .60 shotguns and infantry grenade launchers. Included in the scope of this program are also the associated ammunition, components, and studies involved in or related to these systems.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0602605A Vegetation Control Chemical Investigations (H);;
Includes RDT&E funds to conduct exploratory development that will lead to significantly improved chemical defoliants and herbicides for vegetation control. This includes the discovery, screening and selection of compounds, dissemination, process technology, materials compatibility, test and assessment techniques, and effectiveness. The ecological impact of these compounds on the environment is also included. This program contains one project.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0602606A Advanced Concepts Laboratory (TACOM) (H);X-78-003;
The objective of this program is to establish a contractor-operated research facility within the Tank Automotive Systems Development Center (TASDC). The purpose of this program is to plan for and recommend new and innovative research efforts to operationally improve the TASDC's technology base and material development and acquisition scheme.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0602607A Incapacitating Chemical Investigations (H);;
Includes RDT&E funds to conduct chemical, biomedical, and process studies on potential chemical nonlethal incapacitating agents, and to conduct exploratory development with incapacitating chemical weapons concepts. This program contains two projects devoted to incapacitating chemical agent investigations and weapon technology.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0602608A Lethal Chemical Investigations (H);;
Includes RDT&E funds to conduct chemical, biomedical, and process studies on potential chemical offensive, persistent and nonpersistent, lethal agents and to conduct exploratory development with binary lethal chemical agent munitions concepts. This program consists of two projects devoted to lethal chemical investigations and lethal chemical weapons technology.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0602609A Laser Technology and Application;X-93-3;;

0602610A Weapons Technology (H);;
Includes RDT&E funds for three projects which examine and evaluate promising areas and techniques that could provide solutions to air defense problems relating to system engineering, system analysis, fire control armament and ammunition; Army's need for properly designed test and diagnostic equipment for support of all levels of maintenance and all commodities of equipment; and advancement in the capabilities and effectiveness of armored weapon systems through improved hit probabilities, vision, data processing, and increasing rate of fire.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0602611A Fuels and Lubricants (H);;
Includes RDT&E funds to improve on technology in the areas of liquid hydrocarbon gaseous fuels, including problems involved in storage, transportation, and pollution abatement. Work is conducted on product development and evaluation of all aspects of lubricants, friction and wear, including utilization problems to provide optimum performance under all operating conditions to satisfy intermediate and long-range lubrication requirements. Studies are made of petroleum and synthetic fluids for use as power transmission fluids and automotive hydraulic brake fluids; and corrosion preventive oils, greases, antifreeze, and specialty compounds.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0602612A Test Unit (H);;

0602615A Nuclear Munitions (H);;
Includes RDT&E funds to conduct exploratory development work associated with the development of advanced components and systems for nuclear weapons such as projectiles, atomic demolition munitions, and warhead sections for missiles and rockets. Emphasis in componentry work is to reduce size, complexity, weight, maintenance requirements, and vulnerability, and to increase accuracy and reliability of nuclear weapons materiel. The objectives of the systems effort are to simplify logistical support and military operations such as are embodied in the wooden warhead concept, advance the technology of system synthesis, improve cost effectiveness, reduce development lead time, and improve safety and survivability of nuclear weapons.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0602616A Fuze Technology (H);;
This element supports all fuze exploratory development efforts by providing generic data to fuze designers on all aspects of fuzing. The work encompasses determination of fuze environment through the first full prototyping of a fuze, as well as research in reserve fuze power for rockets, cannon projectiles, and scatterable mines. The work includes fundamental applied research, breadboard hardware, and some component and full-scale testing, but no

major system development.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0602617A Small Caliber and Fire Control Technology (H);X-8-03;
Includes civilian and military manpower authorizations and related costs as applicable. Includes all exploratory investigations and demonstrations associated with gun-type weapons systems of 50 millimeters and less. Embraces efforts in interior, exterior, and terminal ballistics to include supporting technologies of wound ballistics and fire control for all caliber applications.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0602618A Ballistics Technology;X-80-002;
Includes civilian and military manpower authorizations and related costs as applicable. The objective of this program is to develop and maintain a ballistic technology base assuring a solid foundation upon which advanced and engineering development of weapon systems can be initiated and sustained. The program focuses on describing closed system combustion processes (interior ballistics), interactions between launching mechanism and projectile (transitional ballistics), dynamics of projectile flight (exterior ballistics), and the coupling technique of the projectile and target (terminal ballistics). In addition, this program develops vulnerability assessment methods and prescribes these for hardware developer use. The purpose of vulnerability assessment is to identify, through a disciplined procedure, significant hardware vulnerabilities which should be corrected early in the development phase.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0602619A Chemical Combat Support (H);;
Includes RDT&E funds to develop new and more effective riot control agents and munitions for both tactical use and for controlling civil disturbances; the development of a flame weapon system; and the development of personnel detection, marking, identification, and tracking systems.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0602620A Chemical Munitions Technology (H);;
Includes RDT&E funds to conduct chemical, biomedical, and process studies on potential chemical binary lethal and nonlethal incapacitating agents meeting DoD requirements and to conduct exploratory development with lethal binary and incapacitating chemical weapons concepts. This program element contains four projects devoted to binary lethal chemical agent and incapacitating chemical agent investigations and weapon technology.

Excludes civilian and military manpower and their related costs and military construction costs which are included

in appropriate management and support elements in this program.

0602621A Laser Technology and Application (H);;
The objective of this program is to (a) perform and sponsor research and development (and related activities) in areas of laser science and technology designed to advance the state-of-the-art of high energy lasers, (b) develop promising candidate laser technologies that appear relevant to Army missions and requirements, and (c) evaluate and improve existing laser technologies currently being developed under Army sponsorship. To achieve this objective, four primary areas of laser technology, which are not being pursued by the High Energy Laser Systems Project Office, will be developed. These areas are (a) improved/alternate electric discharge laser technology, (b) beam control techniques, (c) chemical laser technologies, and (d) laser materials interactions. Foreign state-of-the-art trends and potential threats to present and future materials of systems are considered throughout the R&D cycle.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0602622A Chemical, Smoke and Equipment Defeating Technology;X-7-05;
Includes civilian and military manpower authorizations and related costs as applicable. This is a Single Program Element Funding (SPEF) action which includes PEs 0602619A and 0602620A. The objectives of this program are to evolve chemical agent/munition system concepts meeting DoD requirements; investigate and demonstrate new concepts of dissemination and dispersion; and conduct initial toxicity screening studies. This effort will include lethal and incapacitating chemical agents, riot control agents, flame, smoke, and incendiary materials. The Army serves as the executive agent for the DoD for all exploratory development programs in chemical warfare and chemical/biological defense.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0602623A Joint Service Small Arms Program;X-1-005;
Includes joint service civilian and military manpower authorizations and related costs as applicable. RDT&E funds are provided for advancing and applying technologies toward significant performance gains in the highest density weapons systems used on the modern battlefield. This program will provide the needed update of the current inventory of small arms as required to address the modern and projected battlefield in keeping with such tactical influences as the Rapid Deployment Force (RDF), Military Operation in Urban Terrain (MOUT), Light 88, the armored battlefield and increasing emphases on small independent unit operations. In addition, changes and advances in threat doctrine and technology are considered to include: improvements in self-protection, i.e., infantry fighting vehicles, body armor and field fortifications; use of chemicals; and introduction of new weapon systems which affect changes in capability. Examples are weight reduction through application of modern high strength-to-weight materials and exploitation of caseless ammunition; high performance light armor penetrators, signature reduction to include sound, flash and silhouette; versatility improvement to include multi-purpose applications; fire control improvement to compensate for human error in target acquisition and engagement. High technology areas will be fully assessed for revolutionary breakthroughs in areas such as: liquid propellants, hyper- velocity and non-kinetic energy devices. The Joint Service Small Arms Program Management Committee provides appropriate means: to facilitate vital user-developer/government-industry information exchange; to harmonize cross service requirements; to coordinate program formulation, planning, implementation and termination; to eliminate cross

service duplication of effort in small arms research and development with resultant savings in manpower/facility costs plus additional long-term savings in acquisition and logistics costs through resultant systems standardization and RST.

0602624A Weapons and Munitions Technology;X-5-10;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

RDT&E funds to support exploratory investigations and demonstrations with gun-type weapons of all calibers except small arms as defined by Joint Service Small Arms Charter of December 1978 and non-gun-type or dispensed munitions. Embraces efforts in interior, exterior, and terminal ballistics to include supporting technologies of fire control, wound ballistics, target defeat mechanisms, fuzing, smart sensors, terminal guidance and energetic materials. Also includes nuclear munitions technology which emphasizes technology for safety, reliability, survivability and security.

Excludes military construction costs.

0602701A Tactical Teleprocessing Technology;X-8-03;;
Includes civilian and military manpower authorizations and related costs as applicable. Program to develop new concepts and techniques for improvement of future Army communications. The program explores the following: All wire and cable technologies including fiber optics; information acquisition, processing and distribution and the National Bureau of Standards. (voice, digital data, printed, pictorial); electromagnetic wave systems covering the spectrum from audio wavelengths up through the radio, HF, VHF, microwave, millimeter and optical wavelengths; electromagnetic compatibility; frequency spectrum engineering and optimization; terminal equipment; switching and related command and control functions; multichannel and multiplex techniques; antennas and wave propagation.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0602702A Identification-Friend or Foe (IFF) (H);;

0602703A Combat Surveillance, Target Acquisition, and Identification;X-8-03;
Includes civilian and military manpower authorizations and related costs as applicable. Includes RDTE funds to conduct exploratory research in two general areas: Combat surveillance and target acquisition, and identification. It includes the development of radar techniques to locate hostile vehicles, personnel, and weapons systems; the development of electro-optics for battlefield illumination and target designation; the development of electro-photography for improved image processing; and the development of identification techniques to provide positive identification of hostile aircraft, ground vehicles and personnel, and to provide improved radiation detection, identification, and measurement. The program provides a cost-effectiveness basis for the development of advanced systems of combat surveillance and target acquisition and identification.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0602704A Military Environmental Criteria Development (H);X-8-03;
Includes civilian and military manpower authorizations and related costs as applicable. An Installation Restoration program element is established to provide RDTE support to the Project Managed Installation Restoration Program directed for initiation in FY 1976. The Installation Restoration Program is aimed at reducing or eliminating chemical, biological, and radiological contamination at Army installations to permit safe return of land areas and facilities to civil or other military uses, or to contain existing contamination which may be migrating from military property. Initial efforts will be concentrated at Rocky Mountain Arsenal and Weldon Springs where identified contamination must be contained or detoxified. The major RDTE efforts planned under this program include: (1) Chemical characterization and mammalian, aquatic, wildlife, and vegetative toxicity studies leading to health standards for 16 to 20 contaminant compounds; (2) development of analytical techniques and instrumentation for identification, separation, and quantification of contaminants to support surveys for determining the extent, degree, and characteristics of contamination; and (3) feasibility studies and pilot process testing to determine the most appropriate techniques and equipment to accomplish decontamination operations. The health standards or criteria and the analytical and decontamination technology developed during this initial phase should be applicable to other Army or Military Department installations with similar problems.

Excludes acquisition of standard, off-the-shelf, laboratory analytical instrumentation, the conduct of comprehensive surveys to define the areal extent and degree of contamination at military installations, and the application of land-use modeling and data-handling techniques to support the project manager's operational decision-making activities. These items are O&MA funded.

0602705A Electronics and Electronic Devices;X-80-002;
Includes civilian and military manpower authorizations and related costs as applicable. Includes RDTE funds to establish cost estimates and performance feasibility of electronics and electronic-device concepts by extension of the state-of-the-art to form a cost-effectiveness basis for advanced systems development using electronics and electronic devices. This program encompasses the exploratory development of electronic materials and processing innovations, electronic and electro-chemical power supplies, advanced electronic components, and the adaptation of electronics technology to systems applications. The application areas for this program include electronic warfare, night vision, communications, data processing, combat surveillance and target acquisition, and missile technology.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0602706A Chemical/Biological Defense and General Investigation (H);X-8-03;
Includes civilian and military manpower authorizations and related costs as applicable. This is a Single Program Element Funding (SPEF) action which includes PEs 0602710A, 0602711A, and 0602718A. This program is the exploratory development in chemical/biological agent alarm and detectors, individual and collective protection, decontamination, and the technology investigation for dissemination/dispersion, chemical compound evaluation, and threat assessment. The Army is the DOD executive agent for all exploratory development in chemical/biological defense.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0602707A Mapping and Geodesy (H);X-8-03;

Includes civilian and military manpower authorizations and related costs as applicable. RDTE funds to develop new means for rapid acquisition, processing and dissemination of position location and mapping data. This program covers the areas of Field Army Mapping and Surveying, Mapping and Geodetic Research, Mapping and Geodesy Development, Military Geographic Analysis and Improved Topographic Support Systems. This work provides the technology base for the Army and the Defense Mapping Agency and is in direct support of future strategic and tactical deployment of forces and the operation of weapon systems.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0602708A Combat Support Technology (H);;
Includes RDT&E funds for projects that produce materials and techniques required in support of combat operations and major weapons systems. Work includes effort on combat engineer equipment, demolitions, fuel and bulk materials handling equipment, vulnerability studies, maintenance investigations, design handbooks, and logistical shore operations.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0602709A Night Vision Technology;X-7-05;
Includes civilian and military manpower authorizations and related costs as applicable. Includes RDTE funds to conduct exploratory development of image intensification tubes, components and accessories, and basic components and techniques for thermal imaging and for radiation sources.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0602710A Defense Against Chemical Agents (H);;
Includes RDT&E funds to investigate problems related to defense against chemical agents. This element includes a broad spectrum of effort directed at point sampling and area scanning alarms; detection principles, sampling and identification techniques; individual protective equipment against both respiratory and percutaneous hazards; collective protection; principles and techniques of filtration and purification of air; and decontamination. Medical aspects include rapid diagnosis of chemical casualities and techniques and materials for their prevention and treatment.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0602711A Defense Against Biological Agents (H);;
Includes RDT&E funds to conduct exploratory development of biological defense materiel for detection and warning, protection, and sampling and identification of biological agents.

Excludes civilian and military manpower and their related costs and military construction costs which are included

in appropriate management and support elements in this program.

0602712A Countermine and Barrier Technology (H);X-78-003;
Includes RDT&E funds to provide fundamental technological knowledge in the fields of mine detection/neutralization, barrier concepts, obstacles, and related activities. This knowledge is required to provide and exploit new phenomena and approaches for mine and booby trap detection/neutralization and to support items under advanced and engineering development which must obtain acceptable operational status in the 1973-1985 timeframe.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0602713A Technology Support for the Military Man (H);;
Includes RDT&E funds for the investigation of individual protective clothing and equipment and organizational materiel that enhance the protection of the soldier and increase his combat effectiveness. Develop wholesome, nutritious, acceptable food items and staple rations by treatment with radiation, heat, dehydration, freeze-drying, or other conventional food preservation methods. Develop improved functional food service systems for all of DOD to include storage, refrigeration, preparation, serving, waste disposal, and packaging for combat forces under all operational conditions.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0602714A Information Processing (H);X-0-06;
The objective of this program is to provide more timely, accurate, complete, and useful intelligence for the field Army through exploratory development effort on intelligence processing techniques and procedures, man-machine interactions, and data management. It is planned to achieve a totally integrated intelligence processing system consonant with the evolving Integrated Battlefield Control System concept and the developing Army Tactical Data System. Critical intelligence information will be presented in a form easily digested and utilized by commanders and other decision-makers.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0602715A Electronic Warfare Technology (H);X-7-05;
Includes civilian and military manpower authorizations and related costs as applicable. The objective of this program is twofold: First, investigate and develop improved techniques and components for detecting, jamming, and deceiving enemy electronic equipments; second, investigate and develop improved techniques and components to reduce the vulnerability of U.S. electronic equipments to enemy electronic warfare operations.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0602716A Human Factors Engineering Technology;X-7-05;

Includes civilian and military manpower authorizations and related costs as applicable. The objective of this research is to assure that Army materiel is designed so that the soldier can fight without fighting the equipment. The specific purposes of the program are to: (1) Provide knowledge of the soldiers' psychological and physical performance capabilities and limitations; (2) guide the application of that knowledge in the development of Army weapon systems and materiel that the soldier can mentally and physically operate and maintain; (3) combine soldier performance with machine performance to achieve the most effective, efficient and reliable combination under conditions of Army use; and (4) reduce the training, skill levels, and manpower required to operate and maintain Army materiel. Also includes the conduct of total weapon system performance research (with emphasis on the human component) to determine error sources, propose new techniques and design prototype components to reduce errors, improve crew interaction, and increase the effectiveness of the total weapon systems. Experiments are conducted on systems in the infantry, artillery, armor, and Army aviation areas.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0602717A Human Performance Effectiveness and Simulation;X-8-03;
Includes civilian and military manpower authorizations and related costs as applicable. Development of technology to improve soldier capabiities and performance adaptability in Army systems operation is the goal. Emphasis is on human factors technology to meet command/control and communications needs of battlefield commanders and to improve unit performance, weapon system effectiveness, and combat readiness of reserve forces. The program includes development of objective measures to assess combat effectiveness of Army units and to assess human performance effectiveness in weapons systems and tactical information systems. Also included are efforts to improve soldier-computer operations in tactical command and control systems, and to improve soldier performance in communications and target acquisition. Emphasis is also placed on new and improved training simulations in operational environments and in coordination with PM TRADES, on improved training feedback characteristics and training effectiveness of Army training devices and simulation.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0602718A General Chemical Investigations (H);;
Includes RDT&E funds to provide a technological base for offensive and defensive efforts for the chemical warfare program. This element contains seven projects devoted to search for potential chemical agents, evaluation of chemical agent effects, medical effectiveness of chemical agents, dissemination and dispersion technology, agent process technology, test and assessment techniques, and systems analyses.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0602719A Mobility and Weapons Effects Technology (H);X-8-03;
Includes civilian and military manpower authorizations and related costs as applicable. The objective of this program is to develop techniques, materials and usage guidance that will: Reduce construction cost and improve functional performance of permanent facilities; reduce time and manpower requirements of combat construction; and provide technology so Army facilities can effectively function under severe winter conditions.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0602720A Environmental Quality Technology;X-80-002;
Includes civilian and military manpower authorizations and related costs as applicable. This program develops the technology necessary for Army to respond to legislative and regulatory requirements relative to protection of environmental quality in a timely and cost-effective manner. The problems addressed fall into three categories. They are (1) uniquely military, (2) principally military, or (3) common with the civilian sector but not being addressed adequately or in a timely fashion by industry, universities, or civilian agencies. Scope of the work includes development of environmental toxicology data for Army unique pollutants, advancement of the state-of-the-art in a control technology for Army fixed facilities and mobile sources, and improvement of sampling and monitoring instrumentation and techniques. Major emphasis is on those pollution problems associated with production, loading, handling, and demilitarization of munitions.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0602721A Computer Aided Design Engineering (H);;
The objective of this program is the application of computer aided and automated techniques to all phases of the materiel acquisition process. Emphasis is placed on establishing computer programs for both interactive graphic and batch processing modes of computation for the design, development, and test of materiel in order to reduce acquisition costs and improve systems performance. Interactive graphics techniques permit the design engineer to simulate quickly and inexpensively a large number of design alternatives prior to the commitment of costly engineering resources. The simulation process allows the engineer to incorporate into materiel the latest advances in the techniques of improving systems reliability, availability, and maintainability, and of increasing human effectiveness of personnel using those systems.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0602722A Manpower, Personnel and Training (H);X-8-03;
Includes civilian and military manpower authorizations and related costs as applicable. Technology development for improving manpower systems management and for increasing individual readiness for combat duty is contained in this program element. Included is research on major technological problems underlying development of highly effective officer and enlisted forces, on major technological problems underlying determination and forecasting of personnel quality requirements of new weapon and equipment systems under development, on technology and techniques for use in implementing the Army's organizational effectiveness program, and on technology to establish training requirements based on critical job tasks and feedback systems that indicate individual readiness for combat duty. Further technological development will also be addressed to expand the knowledge base to include refresher training, models of criterion referenced testing suitable for job proficiency testing, and a cost-benefit model for training systems. New generations of training and evaluation programs of increased effectiveness can be based on these advances.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0602723A Clothing, Equipment and Shelter Technology;X-8-03;
Includes civilian and military manpower authorizations and related costs as applicable. Exploratory research directed toward increased human performance; environmental protection, personal comfort, and reduction in weight for soldier clothing and equipment items; upgrade levels of protection against chemical agents, flame and fragmentation weapons without causing undue heat stress; and investigate counter measure systems that will provide camouflage against electro-optical devices. Improvement of field service equipment, the quality of field life facilities, and the mechanics and structures basic to the development of design criteria for field shelters, both soft and rigid wall.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0602724A Joint Service Food Systems Technology (H);X-8-03;
Includes civilian and military manpower authorizations and related costs as applicable. Includes exploratory development projects for modernization and improvement of operational feeding system on land, sea, and air in support of the Joint Service DOD Food Research, Development, Testing and Engineering Program managed by the Army. Develop means/systems to deliver wholesome, nutritious, acceptable rations using applied food technology research under all types of operational conditions. Develop functional food service systems to include storage (refrigerated and dry), transportation conditions, serving, sanitation (waste disposal) equipment and packaging/containers. Conduct research on nutritional requirements and establish nutritional standards to meet Joint Service requirements for military personnel.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0602725A Computer and Information Science (H);X-8-03;
Includes civilian and military manpower authorizations and related costs as applicable. Includes RDTE funds for the development of general computer software techniques for use by all Army agencies in the development of operational software. The techniques will aim to reduce costs of computer software, make computer software costs visible, and reduce duplication of effort.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0602726A Army Support of ARPA - HOWLS (H);X-2-001;
Includes civilian and military manpower authorizations and related costs as applicable. Includes RDTE funds for the provision of Army support of joint ARPA-Army five year program (FY 75-79) to explore various technologies in search of solutions to the hostile weapons location problem. The Army will participate in the cooperative effort, under ARPA lead, providing technical assistance in established areas of technical expertise. Lincoln Laboratory will be the executive agent for ARPA in program execution.

Excludes military construction costs which are included in appropriate management and support elements in this

program.

0602727A Non-System Training Device Technology;X-7-05;
Includes civilian and military manpower authorizations and related costs as applicable. Includes RDTE funds for exploratory development in technology and components tailored to Army training devices. Includes visual display technology, methods of evaluating training effectiveness, and mechanical, electrical, and optical component development preparatory to phasing into advanced development.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0602730A Cold Regions Engineering Technology;X-8-03;
Includes civilian and military manpower authorizations and related costs as applicable. The objective of this program element is to insure that the Army combat engineering capability is not degraded in either a temperature zone winter environment or in an extreme cold environment, and the objective encompasses the development of cost-effective and environmentally compatible techniques and engineering criteria for the construction, maintenance, and operation of permanent Army facilities in geographical areas where extreme cold or adverse effects of winter weather cause problems in fulfilling the Army mission.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0602731A Military Facilities Engineering Technology (H);X-8-03;
Includes civilian and military manpower authorizations and related costs as applicable. The objectives of this program element are to reduce construction time and costs, improve operation and maintenance efficiency, insure quality of living and working facilities for an all-volunteer Army, and provide systems and procedures to minimize the impact on Army operations from energy resource shortages. This exploratory research is structured to provide the Army with the capability to effectively and economically plan, design, construct, and maintain facilities at permanent installations and in the theater of operations.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0602732A RPV Supporting Technology (H);X-4-02;
Includes civilian and military manpower authorizations and related costs as applicable. The objective of this program element is to conduct exploratory development of RPV technology to insure strong follow-on programs. The exploratory development program will include work in launch and retrieval systems, propulsion systems, on-board sensor systems, and command and control/data transmission systems.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0602733A Mobility Equipment Technology (H);X-8-03;

Includes civilian and military manpower authorizations and related costs as applicable. This program element covers concept studies, investigations, and applied research in technical areas concerned with general purpose forces mobility, combat engineering, and logistics support to produce new materials and techniques for improving overall combat effectiveness. Specific technologies include mine detection/neutralization, tactical barriers, fuels, lubricants, transmission fluids, special compounds for equipment, bridging, camouflage, power generation, environmental control, water purification, fuels handling, Army watercraft, cargo handling, construction equipment, and soil stabilization.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0602734A Medical Defense Against Chemical Agents;X-8-03;
Includes civilian and military manpower authorizations and related costs as applicable. This program element deals with medical defense against both lethal and nonlethal chemical agents. It includes major research in development of therapy and prophylaxis against the nerve agent GD, with an intermediate goal of therapeutic protection against GA, GB, GD, VX, and EA 5365, and a long-term goal of prophylaxis against this spectrum of agents. As a corollary to these goals, improved detection of trace amounts of agents in man's body fluids for rapid diagnosis and therapy, as well as improved methods of assaying for possible mutagenicity and carcinogenicity of prophylactic or therapeutic compounds, are pursued. The effects of meiosis due to chemical agents on personnel performance is evaluated since this is vital to employment of aviators and many others whose tasks require optimum visual skills. Other performance test procedures in man are being improved in order to add that parameter to the completed documentation necessary for fielding any prophylactic or therapeutic drug, or dealing with the occupational hazards which soldiers or munition plant workers may encounter. A lesser effort in research for therapy is directed toward phosgene, mustard, cyanide, and riot control agents. Work on the complete toxicological assessment of current and contemplated riot control agents continues.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0602745A Tactical Electronic Warfare Systems (H);X-78-003;
Includes RDT&E funds to investigate and develop improved techniques and components for detecting, jamming, and deceiving enemy electronic equipments.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0602746A Tactical Software Technology (H);X-8-03;
Includes civilian and military manpower authorizations and related costs as applicable. RDTE funds for exploratory development in computer sciences and systems for tactical application. Investigations leading to multiple application tactical computer hardware and supporting software are conducted as well as the potential use of commercial ADP products in battlefield environments. Interoperability of tactical computer systems is validated and evaluated through emulation techniques in a test bed environment. Exploratory development of system designs span the range of intelligent terminal, display, data storage, and computer equipment in addition to computer languages and software for use in tactical command and control, fire control, intelligence, target acquisition, built-in training, training support, and electronic warfare systems.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0602758A Military Medical Investigations (H);;
The objective of this program is to conduct a comprehensive research and development program in the life sciences areas of pollution abatement of unique Army pollutants, Army aviation medicine, military stress, laser and microwave safety, effects of climatic extremes and military drug abuse diagnostic procedures. The primary purpose of this program element is to reduce the controllable hazards of the military environment to the lowest practical level through research in the above-mentioned disciplines.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0602759A Tropical Medicine (H);;
The program is a continuing laboratory and field trial effort to develop new drugs methods of prevention, treatment and control of tropical diseases such as malaria, trypanosomiasis, schistosomissis, leishmaniasis, babesiosis, sylvatic plague, scrub typhus, rickettsial disease and dengue. The malaria project includes sequential, integrated effort by several in-house and contract organizations to study potentially effective chemicals, their toxicology, pharmacology, and efficacy in animals and man. Under the project Other Tropical Medicine, a comprehensive program of studies on development of preventive measures and improved diagnosis and treatment of other tropical diseases listed above is currently underway.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0602760A Infectious Disease Investigations (H);;
The objective of this program is to conduct a comprehensive research and development program in the life sciences of prevention and/or control of infectious diseases to protect the health of the soldier and conserve military manpower. This program element is currently composed of three projects: military preventive medicine, internal medicine, and medical defense against biological agents.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0602770A Military Disease Hazards Technology;X-80-002;
Includes civilian and military manpower authorizations and related costs as applicable; and RDTE funds to support development of technology for assessment, diagnosis, prevention and treatment of infectious disease to minimize their impact on military operations worldwide, or upon mobilization. Epidemic and geographically-unique endemic infectious diseases are a major constraint upon military strategic mobility; technological advances increase the potential for enemy BW deployment. Program emphasizes operational research to identify any biological means of control/prevention of potential BW agents and infectious diseases exotic to continental United States. Program derives from militarily-unique impact of specific diseases which are not of general concern to the United States civilian medical community. Forms the technological basis for advanced development and production of drugs,

vaccines and other biological means of protection against militarily important infectious diseases.

0602771A Military Psychiatry and Microwave Injury (H);X-80-002;
Includes civilian and military manpower authorizations and related costs as applicable. This program identifies and measures factors in the military environment such as stress, drugs, and microwave irradiation which can impair mental health and the soldier's performance. In the case of physical modalities, such as microwave, a dose response relationship is established so that mental and physical effects can be predicted.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0602772A Combat Casualty Care Technology;X-8-03;
Includes civilian and military manpower authorizations and related costs as applicable; and RDTE funds to support development of biomedical technology required for rapid return to duty of casualities on the battlefield. Program derives from Army's need to conserve critical combat manpower. Returns to duty from medical care facilities will comprise major contribution, producing manpower which is more combat effective than fresh replacements to fighting forces. Program objectives include system for location, assessment, resuscitation, evacuation and treatment of wounds and disease encountered of battlefield. Primary emphasis is on self help, low technology for forward care, highest potential for battlefield payoff. Major sub-element concerns development of data base for chemical casualty management to include consideration of decontamination, protection, therapy of single/combined agent injury, and exploration of medical means of extending individual effectiveness following CW or nuclear exposure. Forms the technological basis for advanced development of relevant drugs, biologicals and related field medical equipment.

0602773A Helicopter Combat Crew and Airborne Medicine (H);X-2-001;
Includes civilian and military manpower authorizations and related costs as applicable. Identification and measurement of modifiable factors which jeopardize the health, safety, and performance of crewmen who operate Army hardware systems, factors which therefore impair mission accomplishment. Conducts exploratory research required to develop helicopter biomedical design standards and criteria which support tri-service aeromedical research requirements pertaining to helicopters. Performs basic and applied research on the medical aspects of Army aviation, airborne and ground operations that affect the health, welfare and efficiency of the soldier. Studies the visual and auditory functions, man-machine integration and the medical aspects of non-medical material which decrement aircrew performance. Studies biomedical parameters as they relate to design, development testing and application of impact protective seats, restraint systems, life support systems and personnel protective equipment which support the Army's operational thrusts peculiar to air mobility and helicopter patient evacuation operations.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0602774A Military Burn Technology (H);X-80-002;
Includes civilian and military manpower authorizations and related costs as applicable. Includes understanding of the multiple problems involved in treatment of the combat-burned soldier. Research developments are applied in the

laboratory and the clinical environment to study and treat the problem of shock, burns, nervous system injury, pulmonary complications, and all the complicated interrelated devastating effects of burns--a major military problem. Research on the pathologic effects of injury upon the whole body must be understood from the levels of cellular metabolism to gross voluntary function so that burned soldiers can be returned to duty. This high priority and militarily relevant program results in improved treatment of military burn casualties and reduces loss of duty time. Extramural contracts support and complement the in-house effort. Liaison is maintained with other governmental agencies to preclude duplication of effort.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0602775A Combat Oral and Maxillofacial Injury and Disease;X-8-03;
Includes civilian and military manpower authorizations and related costs as applicable. The objective of this program is to conduct a comprehensive exploratory development program in the field of military dentistry which will increase the efficiency and effectiveness of military resources, namely, the military patient and dental personnel, budget and supplies. These efforts will be accomplished by developing simplified techniques to allow the early return of the soldier to duty through rapid and effective treatment of war-related maxillofacial injuries or dental disease; developing military unique information on the epidemiology, etiology, prevention, and control of oral disease to minimize Army dental resource requirements; conducting investigations on the physical and chemical properties of dental materials required for Army use; conducting laboratory and clinical evaluations of dental materiel, techniques, and methods of treatment to assure quality treatment commensurate with the military unique dental treatment environment.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0602776A Medical Defense Against Biological Agents (H);X-80-002;
Includes civilian and military manpower authorizations and related costs as applicable. The objective of this program is to develop an effective medical defense against biological agents through studies involving the pathogenesis of infection, prevention and treatment of biological agent casualties, and laboratory identification of biological agents. This Army effort supports the requirements of the three Military Services for research in medical defense against biological agents.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0602777A Systems Health Hazard Prevention Technology;X-8-03;
Includes civilian and military manpower authorizations and related costs as applicable; and RDTE funds to support development of technology for identification, measurement and prevention of health hazards of producing, testing, training activities, and operational use of Army weapons and weapons systems. This program provides the necessary biomedical data necessary for establishment of health, safety and human factors criteria required for systems design and development. Need for this data derived from federal law and regulatory requirements which may impede system development or fielding, and from considerations of the complex nature of the man- machine interface, effects of which may exceed human tolerance. A major supplement of this program supports development of data on medical factors which limit soldier effectiveness and development of biomedical technology to enhance

effectiveness or prevent degradation of individual or unit performance under conditions of environmental extreme, or physical or mental stress.

0602778A Combat Medical Materiel (H);X-2-001;
Includes civilian and military manpower authorizations and related costs as applicable. This program element is for the purpose of developing the optimum quality health care delivery to the soldier in the field i.e., employment of the least number of medical personnel at the lowest possible cost. Approach is through feasibility studies and development of experimental prototypes of ruggedized, improved medical equipment coupled with evaluations in both clinical and field environments. These efforts provide the basis for determining technical feasibility and cost of required advanced development and/or engineering development of such medical equipment, and frequently result in the initiation of requirement documents.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0602779A Test, Measurement, and Diagnostic Equipment Technology (H);X-80-004;
Includes civilian and military manpower authorizations and related costs as applicable. The objective of this Test, Measurement, and Diagnostic Equipment (TMDE) and technology program is to develop new testing techniques and equipment which will reduce the number of different test equipments and skills required at all levels of maintenance. Major efforts will be directed toward the elimination of the need for most application- peculiar, dedicated test equipment and will provide the Army with the capability to diagnose faults and pinpoint defects without teardown of equipment.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0602780A Medical Systems in Chemical Defense (H);X-2-001;
Includes civilian and military manpower authorizations and related costs as applicable. Objectives of this program are to minimize troop vulnerability and maintain combat effectiveness by providing means for collective prevention and therapy of multiple chemical agents with a compound effort and to develop medical systems to employ these means to protect, treat, and decontaminate casualities resulting from exposure to the broad range of chemical agents at each echelon of medical treatment. This program is essential to minimize chemical casualties and return soldiers to duty as far forward as possible, thus reducing this drain on combat resources. This development will also reduce combat service support troops presently required for handling such battlefield casualties.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0602781A Energy Technology Application for Military Facilities (H);X-8-03;
Includes civilian and military manpower authorizations and related costs as applicable. Includes RDTE funds for exploratory development in facilities energies technology to support the President's goals for 20 reduction in energy consumption in existing buildings and 45 reduction in new construction, to provide techniques for managing the use of energy, and to explore alternate sources to reduce dependence on critical oil and gas supplies at Army

installations.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0602782A Command, Control, Communications Technology;X-7-05;
Includes military and civilian manpower authorizations and related costs.

This program contains two related projects; one which supports exploratory development of advanced communications technology for tactical command, control and communications (C3) systems, and provides technology base for vehicle/personnel detection radar. Emphasis is placed on developing capabilities to overcome critical deficiencies identified by the Army's Mission Area Analysis Reviews in the areas of: C3 system survivability and interoperability, real-time information distribution, and command post mobility/dispersability. The resolution of these deficiencies require technical evaluation and development for basic technologies related to propagation, data processing and distribution, network design, distributed communications and processing, and electronic counter-countermeasures. Specific emphasis is given to development of capabilities which reduce vulnerability of communications to nuclear effects and enemy electronic countermeasures (e.g., jamming, spoofing, interception and exploitation) which minimize spectral congestion, and self-jamming by employing automated radio frequency engineering and spectrum management facilities. As the Army develops innovative concepts for highly mobile semi-autonomous operations in the air land battle tactical environment, there is a concomitant need to develop communications systems highly responsive to the need for greater tactical mobility, high data throughput, automated network management and reconstitution, and reductions in manpower requirements for operation and maintenance. The intent is to adopt non-developmental items (NDI) whenever possible, and to configure NDI, unique developments, and Army equipment into subsystems and system prototypes for laboratory and field experimentation and evaluation.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0602783A Computer and Software Technology;X-7-05;
Includes military and civilian manpower authorization and related costs.

This program provides the underlying base for new concepts and advances in tactical software technology for battlefield automated systems to meet presently unsolved problems of survivability, security, and processing requirements of tactical command and control information processing systems for the modern battlefield. The physical dispersion of computer assets necessitates the development of survivable distributed processing mechanisms and methodologies to ensure the data is not lost when physical systems are destroyed. In order to efficiently satisfy the increased demand for information on the battlefield, networks are required that can simultaneously handle voice and data communications. Work on fiber optics local area networks is addressing this problem. In order to assure that data and information is not compromised on the battlefield when passed from echelon to echelon, multi-level security handling mechanisms are required. The multi-level secure operating system effort is addressing this problem. Planning and operations on the battlefield are cognitive tasks which are major bottlenecks in rapidly reacting to changing battlefield situations. Advances in artifical intelligence will be exploited to improve the effectiveness of the planning and operations process on the battlefield. Advances in software methods will provide software engineering discipline throughout the software life cycle starting with requirements through design to maintenance providing increased programing productivity and allowing the programer to tackle larger, more complex software systems.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0602784A Military Engineering Technology;X-7-05;
Includes military and civilian manpower authorizations and related costs.

This program will provide the Army the capability to: (1) enhance the role of the combat engineer on the modern battlefield by providing the technology to: increase the effective employment and survivability of sophisticated weapons systems; improve ground mobility of friendly forces; improve the capability to obstruct the mobility of enemy forces; provide rapid repair of battle damaged facilities; provide construction capability in support of both combat and logistical elements; increase the survivability of protective structures against nuclear and conventional weapons; provide fixed facility camouflage to decrease the enemy's ability to target fixed installations; ensure that the Army's combat capability is not degraded by cold environments; ensure that the Army's new materiel systems can function in cold regions environments; provide tactical weather intelligence for use by the Commander and his staff; model atmospheric phenomena for inclusion in war games, countermeasure studies, and cost effectiveness analyses; quantify atmospheric effects on directed energy weapons to enhance friendly systems and suppress threat systems; develop responsive and cost-effective methods and equipment for collecting, processing, displaying and disseminating geodetic, topographic, and military geographic data and products; and (2) enhance the role of the Corps in providing mission support and readiness facilities by providing technologies to: increase the mission effectiveness of new facilities while reducing facility cost and delivery time; improve the Army's ability to maintain and operate its installation costs effectively with reduced installation support personnel and operation and maintenance budgets; establish more economical techniques for designing, constructing, operating, and maintaining Army facilities in cold regions; reduce Army facilities energy consumption and costs by providing more energy efficient new and retrofit facilities; provide new techniques for energy efficient operation of existing facilities; improve the efficiency of solid fuel use and provide alternate fuels to replace petroleum based fuels.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0602785A Manpower/Personnel/Training Technology;X-7-05;
Includes military and civilian manpower authorizations and related costs.

The objectives of this comprehensive program are to provide a scientifically sound technology base to support: human factors design recommendations for new systems with the operator and maintainer in mind; the development of improved methods to attract, select, assign, and retain quality soldiers; and the collective training. This Exploratory Development program addresses the human in man-machine systems as a productive unit member from a number of perspectives: (1) how can the workload be "shifted from the head to the hardware", i.e., in the design of new weapon systems, how may technology be exploited to assist the human operator; (2) how should system designers use technical information to design systems that are more compatible with human capabilities; (3) what design features for simulators and training devices are necessary to ensure effective training while minimizing cost; (4) how can modern technology best be exploited to automate the design and development of "courseware" to improve Army training; and (5) with the Army facing a dual "people" problem--a dwindling supply of military age adults and an increasing demand for "high technology" skills, how can the Army improve its ability to attract, select, train, and utilize soldiers in this high technology environment?

Excludes military construction costs which are included in appropriate management and support elements in this

program.

0602786A Logistics Technology;X-7-05;
Includes administration and management costs for Belvoir Research, Development and Engineering Center and Natick Research, Development and Engineering Center.

Program provides RDTE funds for Exploratory Development (ED) for Combat Support and Combat Service Support equipment and materiel to sustain the air-land battle. Mobility Equipment Technology encompasses these major thrusts: (1) land mine detection and neutralization; (2) supply distribution; (3) fuels, lubricants, and corrosion preventatives; (4) mobile electric power; (5) countersurveillance/deception; (6) tactical bridging; and (7) barriers/obstacles. Airdrop Technology includes new airdrop materiel to improve the capability to use airdrop to resupply forces that are located far forward on the air-land battlefield. Joint Service Food System Technology supports all military Services as well as the Defense Logistics Agency to develop and procure military food products which have different and more strigent requirements than commercial foods. Clothing, Equipment and Shelter Technology provides enhanced individual soldier protection against NBC weapons, directed energy weapons (e.g., lasers), fire, visual and infrared detection, and the natural environment. Tactical rigid-wall shelters will improve the capability of shelters to resist the threats of NBC and conventional weapons.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0602787A Medical Technology;X-7-05;
Includes military and civilian manpower authorizations and related costs.

This program element funds exploratory development in DOD combat dentistry, care of combat casualties, medical defense against chemical agents, health hazards of military materiel, and medical factors enhancing soldier effectiveness. Under this program element is the core DOD technology base to develop methods and materials for prevention and treatment of combat maxillofacial (face and neck) injuries, and development of equipment and materials required to provide essential dental treatment on the battlefield. Exploratory development in casualty care addresses the investigation of trauma and burns due to weapons, shock resulting from blood loss and infection, blood preservation and potential blood substitutes for battlefield care, and concept exploration of combat medical materiels. Supports medical chemical defense exploratory development in the areas of chemical warfare agent antidotes, personnel/casualty decontamination, medical management of chemical casualties, and combat effectiveness/sustainability. Research focuses on the health hazards of military materiel and medical factors to enhance soldier performance effectiveness during rapid deployment and extended and sustained operations. The primary goal is to provide maximum soldier survivability with minimum adverse effects on the integrated battlefield. Requirements are identified in the Joint Service Agreement (JSA), Joint Development Objectives Guide (JDOG), Mission Area Analysis, Long Range Research, Development, and Acquisition Plan (LRRDAP), Operational and Organizational (O&O) Plans, Letters of Agreement, and Letter Requirements.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0602788A TRACTOR FLOP;X-9-01;
The program content is classified and will be provided only to cleared personnel with a valid need to know.

There are no military construction costs, manpower authorizations or payroll funds programmed in this program.

0602789A ARMY Artificial Intelligence Technology;X-0-09;
Includes civilian and military manpower authorizations and related costs as applicable. The Artificial Intelligence (AI) Exploratory Research program is an Army-wide effort which uses AI technology to achieve the strategic advantage needs to maintain the Army's world- wide mission. The three fold purpose of the program is to: (1) apply AI technology to solve large scale, highly complex management problems, (2) investigate the application of AI technology Army-wide policy, personnel training and management, and applications development. and (3) provide technology transfer to the Army through its exploratory development programs and support of advanced development programs. This program has established approximately 20 AI cells or Knowledge Engineering Groups (KEG) at army user and developer facilities through- out the country. The KEGs provide a technology base focus for the integration of AI technology into the Army infrastructure. In addition an Office of AI Research Analysis and Evaluation has been established at the United States Military Academy to conduct AI applications research and development.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0602790A Small Business Innovative Research/Small Bus Tech Transfer Pilot Prog;X-93-2;;

0602813A TRACTOR DUMP;X-92-5;;

0602889A Counterdrug RDT&E Support;X-94-2;;
Captures all counterdrug exploratory development efforts not associated with a counterdrug-unique PE and specifically identified and measurable against other active counterdrug programs.

Includes exploratory development efforts to develop technology into demonstrations suitable for laboratory evaluations. Efforts include primarily non-systems technology development. May also be used for demand reduction exploratory development efforts. Only projects approved by the Secretary of Defense and supported by the transfer appropriation will be included.

0603001A Logistics Advanced Technology;X-7-05;
Includes military and civilian manpower authorization and related costs.

Program provides RDTE funds for Advanced Development (AD) of Combat Support and Combat Service Support equipment and materiel to sustain the air-land battle. The impetus for this program is the recognition that operations and maintenance costs comprise the majority (70% or more) of life cycle costs. Battlefield Sustainment supports the urgent need to improve the logistic supportability of our forces and to reduce the Army's logistic burden and associated support costs. Fuels and Lubricants supports an annual $1.9 billion procurement for fuels, lubricants, and related products within the Army and a significantly larger amount for the other military Services which utilize these products. The RDTE resources spent on this program represent a significant savings in reduced

logistics and manpower requirements reflecting a 26 to 1 return on investment. Airdrop Equipment supports technology demonstrations of airdrop equipment and techniques to reduce aircraft vulnerability to air defense, to improve operational capability to conduct airborne assaults, and to provide improved airdrop resupply. Ammunition logistics helps satisfy an urgent requirement for improvements taking advantage of emerging technology, techniques, and materials to produce packaging that is lower in cost, weight, and cube, while at the same time increasing mission effectiveness and survivability. Test, Measurement and Diagnostic Equipment (TMDE) will assure the state-of-the-art capabilities for system testability, self-diagnostic capability, and operational availability, and for new measurement and calibration standards required to maintain accuracy of modern TMDE.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0603002A Medical Advanced Technology;X-7-05;
Excludes military and civilian manpower authorizations and related costs.

This program element funds nonsystem development for biological warfare/infectious disease vaccines and drugs, field medical protective devices, combat injury management, and medical chemical defense. Production of pilot and standard lots of pharmaceutical-grade drugs and vaccines will be directed towards known or suspected biological warfare (BW) agents and infectious disease agents which could threaten mobilization and deployment. Support is provided for development of diagnostic imaging devices, clinical studies of combat casualty care treatment modalities, and exploitation of innovative foreign medical materiel. Development of field medical protective devices is directed toward materiels for ballistic and laser eye protection, nutrients for use on the integrated battlefield, and pharmacological enhancement of soldier performance. The medical chemical defense development consists of chemical warfare agent antidotes, personnel/casualty decontamination, medical management of chemical casualties, and combat effectiveness/sustainability. The primary goal is to provide maximum soldier survivability with minimum adverse effects on the integrated battlefield. Requirements are identified in the Joint Service Agreement (JSA), Joint Development Objectives Guide (JDOG), Operational and Organizational (O&O) Plans, Letters of Agreement, and Letter Requirements.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0603003A Aviation Advanced Technology;X-7-05;
Includes military and civilian manpower authorization and related costs.

Modern Army aircraft will face an awesome array of air defense threat systems to include optically and radar-guided 23mm, 30mm, and 57mm weapons: SA-6, 7, and 9, infrared and radar-guided missiles; and potential nuclear/biological/chemical and laser threats directed and delivered both from the ground and air vehicles. As a result, the aircraft must possess improved mobility, agility, firepower, and inherent features to include durability and sustainability for extended periods of combat at an affordable cost. Army aircraft must be durable, damage tolerant, easy to repair and maintain, and possess the highest level of availability possible. The application of composite materials to primary aircraft structures, advanced weapons and fire control, fiber-optic technology to flight controls, advanced engines and drive trains, advanced simulation technology, advanced avionics, and advanced rotor technology to existing and proposed rotor systems is the key to providing reliable, survivable Army aircraft essential to the future integrated battlefield. These demonstration programs represent investments in technology to maximize Army aviation's future capability to perform its combat mission. This program element provides for the advanced development and demonstration of full-scale aircraft components and

subsystems. As such, the work supported by this program element directly addresses those critical needs essential to future operational effectiveness through full-scale flight testing and demonstration of advanced technology components and subsystems. Emphasis is placed on advanced composite rotary-wing structures to achieve 20 to 30 percent lower weight, 20 percent lower costs, unlimited fatigue life, and improved survivability; advanced rotors for improved performance and ballistically tolerant material requirements; electronic hardware to enable day/night adverse weather aviation operations (avionics); and advanced flight controls for reduced weight and cost, improved survivability, and reduced pilot workload and initial training requirements. The efforts to be accomplished under this program element will be a significant part of the technology base for the next generation Army aircraft of the mid-to-late 1990s. Selected near-term advances may be applied to aircraft such as the UH-60 Blackhawk and AH-60 Apache as block improvements.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0603004A Weapons and Munitions Advanced Technology;X-7-05;
Includes military and civilian manpower authorization and related costs.

The overall objective of this element is to develop and demonstrate munitions and weapons components for future armaments. The effort is subdivided into the following three categories: Combat Vehicle Anti-Armor; Smart and Conventional Munitions; and Firing Platform Demonstration. Combat Vehicle Anti-Armor efforts support the Army Close Combat Mission Area by increasing the lethality of our direct and indirect fire anti-tank armaments with improved warheads and projectiles. The objectives are to develop and demonstrate the capability to defeat threat armor with kinetic energy projectiles and shaped charge warheads. For Smart and Conventional Munitions the objective is to develop and demonstrate improved anti-armor and anti-personnel capabilities for fire support and close combat operations. For Firing Platform Demonstration the objective is to develop and demonstrate mature technologies that can enhance the battlefield performance of munitions by providing increased range, higher muzzle velocity, higher rates of fire, improved accuracy and responsiveness.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0603005A Combat Vehicle and Automotive Advanced Technology;X-7-05;
Includes military and civilian manpower authorization and related costs.

Program provides RDTE for the Advanced Development (AD) to advance state-of-the-art technologies required to enable development of combat vehicle systems to meet future requirements of the close combat maneuver forces. These technologies include: armor/countermeasure systems; propulsion, track/suspension systems; electronics/electrical systems. This program also provides for demonstration of innovative future combat vehicle configurations, technologies/integration techniques through full-scale mock-ups, computer simulation and hardware technology test bed demonstrations. Efforts are currently oriented to concepts and technologies for the Armored Family of Vehicles and Future Family of Vehicles. The applications of these technologies to current vehicles under PIP's is also considered. The common goals of all program tasks are increased performance, enhanced survivability, maintainability, and durability with reduced cost. The results of the program will provide product improvements to current Army combat vehicles/advanced capabilities for new vehicle systems as they are being developed. The current worldwide tank-automotive fleet consists of 1.2 million vehicles at an investment cost of $40 billion and an annual maintenance/support cost of $8 billion. Advanced technologies under development in this program element provide the potential for achieving up to a 50 percent reduction in annual maintenance and support

costs; more efficient training and uses of soldier skills as this technology is applied. Development/implementation of new track systems alone could save up to $150 million per year by 1990 or as much as $3 billion total over the period of 1990 to 2010. In addition, increased survivability/battlefield vehicle force integration tasks within this program element can provide a combat vehicle force multiplication effect of as high as 5 to 1.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0603006A Command, Control, Communications Advanced Technology;X-7-05;
Includes military and civilian manpower authorization and related costs.

This program is structured to meet the need to equip the field Army with an integrated battlefield automated system that will provide commanders with near real-time battlefield information. This program element contains projects which conduct advance development in areas of command and control, special purpose detectors, and diagnostic test/self-test. It is structured as such so as to achieve a synergistic effect on command and control. It explores applications in space as well as terrestrial.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0603007A Manpower, Personnel and Training Advanced Technology;X-93-1;;
Includes military and civilian manpower authorizations and related costs.

Addressing the solution of soldier problems at a time of constrained resources, this program focuses on four areas: methods for better matching of manpower and personnel supply and demand, human factors design of new systems for increased operational effectiveness, improved technology-based education and training, and the design of lower cost, less complex simulators, and training devices. This program is, in part, the Army's response to a Congressional requirement for a DOD-wide effort to relate selection tests and retention criteria to successful job performance. This program is responsive to the increasing need to specify personnel requirements and skill mixes earlier in the weapon system development cycle and to relate them to available manpower; research to improve MANPRINT (Manpower and Personnel Integration) methods will permit more accurate and timely estimations of human factors, personnel, and training requirements early in system design. Human factors development will exploit electronic technology for the design of "soldier friendly" interfaces between the soldier and the sophisticated equipment he/she must operate. This program will further develop expanded application of electronic technology to reduce the cost of training while increasing the soldier proficiency. This program also addresses Congressional concern expressed in 1984 that the procurement of simulators was not being properly integrated with overall training. This program will provide the scientific basis for the design of lower cost, less complex simulators for use in units.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0603008A Electronic Warfare Advanced Technology (H);X-9-03;
Includes civilian and military manpower authorizations and related costs as applicable.

Non-system development to establish the technical feasibility and military potential of tactical electronic countermeasures and electronic self-protection techniques in denying, destroying, disrupting and deceiving hostile threats and in protection of our own materiel.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0603009A TRACTOR HIKE;X-92-5;;
Includes costs specifically identified and measurable to special classified projects for which information on resources will be provided only on a "need-to-know" basis to authorized personnel identified on a special access list.

Excludes military and civilian manpower authorizations and related costs and military construction costs.

0603011A TRACTOR FIELD;Canceled by X-9-03;

0603012A TRACTOR HOLE;X-9-01;
The program content is classified and will be provided only to personnel with a valid need to know.

There are no military construction costs, manpower authorizations or payroll funds programmed in this program.

0603013A TRACTOR DIRT;X-9-01;
The program content is classified and will be provided only to cleared personnel with a valid need to know.

There are no military construction costs, manpower authorizations or payroll funds programmed in this program.

0603014A TRACTOR HEAVY;Canceled by X-9-03;

0603016A TRACTOR BIRD;Canceled by X-9-03;

0603017A TRACTOR RED;X-0-06;
Includes military and civilian manpower and related costs. This is a special access program. Details will be provided on a need to know basis to authorized personnel on a special access list. Excludes military construction costs.

0603018A TRACTOR TREAD;X-92-3;;QA

Includes costs specifically identified and measurable to special classified projects for which information on resources will be provided only on a "need to know" basis to authorized personnel on a special access list. Resources are effective beginning in Fiscal Year 1993.

Excludes military and civilian manpower authorizations and related costs and military construction costs.

0603019A TRACTOR DUMP;X-92-3;;QA
Includes costs specifically identified and measurable to special classified projects for which information on resources will be provided only on a "need to know" basis to authorized personnel on a special access list. Resources are effective beginning in Fiscal Year 1993.

Excludes military and civilian manpower authorizations and related costs and military construction costs.

0603020A TRACTOR ROSE;X-93-1;;QA;
Includes civilian manpower and related costs, beginning in FY 1994. This is a special access program. Details will be provided on a need to know basis to authorized personnel.

Excludes military construction costs.

0603053A Advanced Command and Control Vehicle;X-92-4;;QA
Includes RDT&E funds for the development and integration of a future command and control vehicle (AC2V) to satisfy command and control deficiencies identified during operation Desert Storm. This program will provide a fully tracked, armored vehicle that will ensure a mobile, responsive and survivable command and control capability for the heavy force. The AC2V will incorporate communications/electronics systems compatible with the Army tactical command and control systems and battalion and below command and control systems. Includes civilian and military manpower related costs.

Excludes military construction costs.

0603101A Manpower Resources Development (H);;
Includes RDT&E funds for research an (1) advanced techniques in Army training and education; (2) evaluation and modification of computer-administered instructional (CAI) systems for teaching subjects and skills important to the Army; (3) advanced efforts to develop more effective manpower management systems; (4) development and tryout of troop-community relations training programs in overseas areas where significant numbers of American troops are assigned; and (5) support of the Combat Arms Training Board.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603102A Materials and Structures Advanced Technology;X-7-05;
Includes civilian and military manpower authorizations and related costs as applicable. Includes RDTE funds to

establish validity of new materials technological advances accrued in materiels exploratory development, expose unexpected problems, reduce acceptable level of risk of adopting new technology, and demonstrate and test advanced materiels in a hardware configuration.

Includes RDT&E funds for materials processing advanced development to solve productibility problems that generate cost overrun and production delays; and includes short-term and cost-shared work to speed transition of improved materials processing methods from raw stock to finished components.

Includes RDT&E funds for specifications and standards advanced development to generate improved technical data packages for cost effective procurement of new weapon systems with highest performance properties compatible with investment costs.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0603104A Fuels and Lubricants (H);X-8-03;
Includes civilian and military manpower authorizations and related costs as applicable. Includes the advanced development of new fuels, lubricants, power transmission fluids, power plant subsystem components, and field user evaluation. The objective is to demonstrate performance and cost effectiveness to permit full accountability prior to formal issue to field inventory.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0603105A Military HIV Research;X-95-3;;
This congressionally directed program funds research and development for protection against Acquired Immune Deficiency Syndrome (AIDS HTLV III virus) in military populations. The AIDS research and development program will include studies on the natural history of infections, studies on improved diagnosis; studies on chemoprophylaxis and vaccine development in the prevention of AIDS; studies on virus transmission; and studies investigating immune responses of AIDS patients.

Excludes military construction costs and military and civilian manpower authorizations and related costs.

0603122A TRACTOR HIP;X-94-2;
This is a classified program whose details will provided on a need-to-know basis to persons on a special access list.

Excludes pay of civilian employees and military construction costs.

0603201A Aircraft Power Plants and Propulsion (H);X-8-03;
Includes civilian and military manpower authorizations and related costs as applicable. Includes RDTE funds to experimentally demonstrate the applicability and potential of advanced turbomachinery components and drive-train technology through demonstration tests of engines and transmissions. Primary emphasis is on those areas that will

benefit future aircraft development programs and provides for reduced fuel consumption, weight, maintenance requirements, vulnerable area, production cost, as well as reduced leak time in future development programs.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0603202A Operational Evaluation, V/STOL (H);;

0603203A Heavy Lift Helicopter (H);;
Includes RDT&E funds to develop a heavy lift helicopter for the Department of Defense. This helicopter will perform essential Army missions, be capable of operating from the largest Navy shipping point, and will currently satisfy the land-based HLH missions of all Services.

Excludes civilian and military manpower and their related costs and military constuction costs which are included in appropriate management and support elements in this program.

0603204A Advanced Helicopter Development (H);;

0603205A Aerial Scout (H);;
Includes RDT&E funds to develop an improved aerial scout helicopter.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603206A Aircraft Weapons (H);X-8-03;
Includes civilian and military manpower authorizations and related costs as applicable. Includes RDTE funds to obtain data upon which to base ultimate engineering development of new heliborne armament. This program was established to design, fabricate, test and evaluate experimental hardware components of heliborne armament that can be assembled in various combinations and complexities and tested. Armament under development consists of gun-type weapons, missile and rocket subsystems, and airborne fire control equipment.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0603207A Aircraft Avionics Equipment (H);X-8-03;
Includes civilian and military manpower authorizations and related costs as applicable. Includes RDTE funds for future engineering development of aviation electronics equipment and systems to support Army aviation. Engineering investigation will center on use of the System Test Bed for Avionics Research (STAR) to define equipment and techniques for digital/integrated avionics, flight and engine monitoring cockpit display systems. Additonal

efforts in improved airborne speech communications, secure communications, and lightweight, low cost avionics will also be pursued.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0603208A Aircraft Survivability (H);X-78-003;
Includes RDT&E funds to provide protection for Army aircraft in a hostile air defense environment composed of infrared (IR) radar and optically directed weapon systems. Major emphasis has been on the reduction of aircraft IR signatures by the installation of IR suppression kits.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603209A Air Mobility Support;X-8-03;
Includes civilian and military manpower authorizations and related costs as applicable. Includes RDT&E funds to conduct advanced development of items of equipment, excluding aircraft, that support the air mobility concept of the Army. Specific areas covered are helicopter anti/deicing equipment, helicopter internal and external cargo handling materiel/systems, inspection, diagnostic, and prognostic systems for helicopters to improve maintainability and decrease life cycle costs.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0603210A Aerial Surveillance, Target Acquisition & Night Observation (STANO) (H);;
Includes RDT&E funds to conduct the advanced development of aerial surveillance, target acquisition, and night observation (STAND) equipments and systems to provide a continuous and effective watch over the battlefield area during all weather conditions. The objective of the current program is to develop a forward looking aerial radar for helicopter use by the mid-70's and to begin development of an aerial foliage penetration radar in 1975. This program is performed in-house and on contract under the supervision of a number of major R&D activities within the U.S. Army Materiel Command.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603211A Rotary Wing Control, Rotors and Structures (H);X-8-03;
Includes civilian and military manpower authorizations and related costs as applicable. Includes RDTE funds for the demonstration of the feasibility of using new technology on future helicopters or various types of rotary wing aircraft. Present efforts are the in-flight demonstration of a coaxially mounted, contra-rotating, very stiff rotor system known as the Advancing Blade Concept rotor for investigating flight without the use of a tail rotor; the development of a flying test bed, the Rotor System Research Aircraft with NASA for flight research in rotor concepts, control system, and aircraft structures; the development and testing of a fan-in-fan antitorque device; and the application of a new structure and composite materials for helicopter components to improve rotary wing

aircraft design.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0603212A Tilt Rotor Research Aircraft (H);X-80-004;
Includes civilian and military manpower authorizations and related costs as applicable. Includes RDTE funds to demonstrate the concept of a tilt rotor aircraft through flight testing and verify that tilt rotor technology is in hand to initiate development of an operational tilt rotor aircraft. The tilt rotor aircraft combines the hover efficiency and maneuverability of the helicopter with the performance and productivity of a fixed wing aircraft.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0603213A Rotor Systems Research Aircraft (H);;
This joint Army/NASA program is to develop, for subsequent utilization, a flying test bed that will provide an in-flight research capability to demonstrate new technologies in rotor concepts, control systems, and aircraft structues. The RSRA will be configured with a wing and auxiliary propulsion to provide the aerodynamic forces necessary for testing rotors throughout a wide range of operating conditions. The vehicle will have both rotor and fixed-wing control elements which are appropriately integrated for either the pure helicopter of compound mode of operation, and will have an adaptable transmission mount which will permit testing of significantly different rotor and transmission systems. The RSRA will be configured for a crew of two with provisions for a third crew station, and will have the capability to fly at forward speeds of 300 knots.

Excludes civilian and military manpower and their related costs and military constuction costs which are included in appropriate management and support elements in this program.

0603215A Joint Survivability Investigations (H);X-8-03;
Includes civilian and military manpower authorizations and related costs as applicable. The purpose of this tri-Service program is to determine the survivability of current aircraft and to measure improvement to their survivability by application of technology improvement. Results of these tests and the methods of evaluation will be used to establish procedures for correlation of vulnerability with actual tests. This will provide a standardized procedure for aircraft survivability prediction for evaluation of present and future survivability designs. This program is a continuation of the Aircraft Survivability Joint Test sponsored under Director of Test and Evaluation, Defense Appropriation (PE 0605814D) from FY 1973 through FY 1975. This program element supports the Army's part of this tri-Service program which is under the overall coordination of the Joint Technical Coordinating Group for Aircraft Survivability (JTCG/AS).

Excludes military construction costs which are included in appropriate management and support elements in this program.

0603216A Synthetic Flight Simulator Development (H);X-8-03;
Includes civilian and military manpower authorizations and related costs as applicable. Includes RDTE funds to

develop advanced flight simulation components and systems for high fidelity flight training systems, to develop a versatile, high fidelity, ground- based, rotary wing simulator to support aeroengineering efforts in a total integrated systems approach to conceptual designs, design trade-offs, support of flight tests and product improvement evaluations, and to develop a high fidelity research simulator to examine training of initial entry students, transitional/refresher training, and combat readiness flying. This program element will develop the visual system which will be used on the combat mission simulator for AAH 64 pilot training.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0603217A Greater Slope (H);X-7-05;
Program content is SECRET/No Foreign Dissemination, precluding further description in this summary. Classification authority and access are controlled by Headquarters, Department of the Army. Proponency is in the Office of the Deputy Chief of Staff for Research, Development, and Acquisition.

0603218A Airdrop Advancement (H);X-8-03;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

RDT&E funds to conduct non-system advanced development of airdrop equipment, components and techniques that support airdrop of personnel and equipment from US Air Force aircraft, US Army aircraft, and applicable aircraft from other services and government agencies. Specific areas included are: personnel and cargo parachutes, extraction systems, energy dissipators, airdrop platforms, slings, lines and devices for rigging equipment loads, sensing devices for deployment of recovery system/parachutes, cargo airdrop containers, load tie-down equipment, parachute harness and lowering lines/devices, static lines and support equipment for rigging and packing operations. Design and engineering equipment effort required to interface with the development of other service airlift aircraft are also included.

Excludes military construction costs which are included in appropriate management and support elements in this program. Also excludes costs for development of aircraft systems and components needed for airdrop operations.

0603219A Tactical Space Satellites (H);X-92-4;;
Includes military and civilian manpower authorizations and related costs. This program is for development of proof of principle designs and demonstration of (1) a tactical communications satellite system; (2) a tactical multisensor reconnaissance, surveillance and target acquisition (RSTA) satellite system to provide time-responsive, all weather support to the tactical warfighter at his request anywhere in the world.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0603220A Advanced Rotocraft Technology Integration (H) LHX;X-4-02;
Includes civilian and military manpower authorizations and related costs as applicable. Provide a low cost lightweight, highly agile family of next generation helicopters. Demonstrate the following emerging technologies

for the LHATD: composite structures, advanced avionics/electronics, flight controls, motors, weapons and propulsion systems. Provide significant cost, battlefield sustainability, deployability, target servicing rates, adverse weather operations and training skill levels. The LHATD supports concept formulation for a family of scout, attack and utility light helicopters trailored to the RDF; the air/land battle of 1990's; and complementing the AH-64 and UH-60.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0603221A NOE Aviation and Navigation Equipment (H);X-8-03;
Includes civilian and military manpower authorizations and related costs as applicable. Includes RDTE funds for future engineering development of aviation electronics to support nap of the earth flight systems, low level navigation equipment, tactical airspace management facilities, and joint service all weather precision landing systems. It includes both aircraft and ground systems necessary to integrate Army aviation into an effective air-ground combat team operating in a high threat environment.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0603223A Advanced Heliborne Antitank Weapon;X-1-005;
Includes civilian and military manpower authorizations and related costs as applicable. This project supports the technology demonstration of an advanced heliborne antitank weapon to complement laser HELLFIRE on the AAH and other launch platforms when identified. Efforts will pursue technologies and concepts which provide significant improvement over current antitank capabilities. The program will capitalize on recently completed and on-going analyses and technological experimentation directed at solving problems of battlefield obscurants, countermeasures, target acquisition, target servicing and weapon system survivability. Efforts will address all aspects of total weapon system integration on potential launch platforms.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0603238A Global Surveillance/Air Defense/Precision Strike Technology Demonstration;X-92-4;;
Includes funding for efforts that lead to and include the development and demonstration of advanced technologies that support new capabilities in the area of scalable, real time global surveillance and communications; integrated, multi-service capabilities for locating, identifying and killing high value, short dwell military ground targets; theater missile ballistic defense, counter stealth, short range air defense and air superiority.

0603270A EW Technology;X-8-03;
This program includes military and civilian manpower authorizations and related costs and funds technology development and proof of principle for tactical EW and aircraft survivability requirements.

Excludes military construction costs.

0603271A TRACTOR NAIL;X-0-05;

The contents of this program are classified and will be provided only to personnel with a valid need to know.

Excludes military construction costs and manpower authorizations.

0603272A Joint Tactical Missile Defense;X-0-08;
Includes civilian and military manpower authorizations and related costs as applicable. Includes planned joint service program to address the existing tactical missile threat. Encompasses all active and passive countermeasures including: Air interdiction, surface-to- surface counter battery, examination of existing and developmental radar systems for early warning, tracking and target acquisition, satellite surveillance, use of airborne radars, and C3I necessary to coordinate all measures. Provides for integration of passive defenses and CEI, attack operations, and active defense planning. Excludes military construction costs which are included in appropriate management and support elements in this program.

0603301A Division Air Defense (DIVAD) Gun (H);X-80-002;
Includes civilian and military manpower authorizations and related costs as applicable. The Division Air Defense (DIVAD) Gun is a major system development effort designed to provide a replacement for the currently fielded vulcan gun system in the shortest possible time. The program features a competitive engineering development during which two contractors are designing and building prototype systems for a shoot-off which will determine the system to enter production. The gun will be either a 35mm or 40mm mounted in an armored turret on a modified M48A5 chassis and uses state-of-the-art digital fire control. The program emphasizes the use of mature components which are being integrated into a highly effective system.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0603302A Joint Tactical Missile Defense Program (H);X-8-03;
Includes civilian and military manpower authorizations and related costs as applicable. Includes planned joint Service program to address the existing tactical missile threat. Encompasses all active and passive countermeasures including: air interdiction, surface-to-surface counter battery, examination of existing and developmental radar systems for early warning, tracking, and target acquisition, satellite surveillance, use of airborne radars, and C3I necessary to coordinate all measures.

Excludes military construction costs which are included in appropriate management and support elements in this program

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0603303A Surface-to-Surface Missile Rocket System;X-80-002;
Includes civilian and military manpower authorizations and related costs as applicable. Includes RDTE funds to investigate methods of providing effective non-nuclear firepower for all Army guided missiles and rockets against air, space, and surface targets so as to provide a base in warhead technology for support of future system developments. This program contains only the non-nuclear warhead advanced development project.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0603304A Army BMD Support to SDI;X-5-05;
Includes civilian and military manpower and their related costs, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the cost of operating the ballistic missile defense program in support of the Strategic Defense Initiative (SDI) program. Also includes but is not limited to travel and training of assigned personnel, office supplies, equipment and furniture with associated maintenance costs, and common costs of base operations support.

0603305A ZMAR Sprint Defense (H);;

0603306A Terminally Guided Projectiles (H);X-8-03;
Includes manpower authorizations and related costs as applicable. Includes RDT&E funds for the advanced development of different terminal homing techniques to accurately attack discrete, point, surface targets such as tanks, bunkers, and field fortifications, and large, high value, deep targets. Also provides advanced development funds for the projectile airframe upon which the terminal guidance system would be mounted, e.g., an 155 MM projectile. In addition, provides for development of a lightweight laser designator/rangefinder possessing the present G/VLLD and AN/TAS-4 capabilities in a 10 to 20 pound package system which would be suitable for light division use.

Excludes military construction costs.

0603307A Short Range Air Defense Self-Protection Weapon (H);X-4-02;
Includes civilian and military manpower authorizations and related costs as applicable. Includes RDTE funds for development of a heliborne missile capability to defeat radar-controlled air defense weapons systems. This program encompasses development of an appropriate seeker and a target acquisition device. It is planned that these items will be used with an existing missile which will be appropriately modified. If possible, the Army desires that this system also provide a helicopter self-protection capability against an airborne threat. This is a candidate for a joint Army/Air Force development program.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0603308A Army Missile Defense Systems Integration (Dem/Val);X-94-6;;
Includes funds for providing concepts and technologies to enhance the integration of Army systems to counter t heater missile threats. Funds the development of solutions, interfaces, and architectures that are essential to realizing the DoD/Army goal of an integrated defense against missiles across all the pillars of theater mis sile defenses.

0603309A Cannon-Launched Guided Projectile (CLGP) (H);;

Includes RDT&E funds to develop a CLGP with a terminal homing capability that will acquire and home on point targets. The initial approach is an operational demonstration of the CLGP utilizing semiactive laser homing.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603310A Heliborne Missile - HELLFIRE (H);;
Includes RDT&E funds to continue work by the Army, Navy, and Air Force which has established the technical feasibility of using laser designators to illuminate targets upon which ordnance fitted with laser seekers will home. To reduce developmental risk and to demonstrate system feasibility of a helicopter launched laser guided missile, the Army conducted a highly successful prototype flight test program using the HORNET (an off-the-shelf missile developed for the U.S. Air Force by North American Rockwell) modified with laser guidance, and is completing a two-phase military potential test.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603311A PERSHING II (H);X-78-003;
The PERSHING II (PII) system is being developed in answer to SACEUR's expressed need for a land mobile, surface-to-surface missile system incorporating high accuracy and immediate responsiveness for the JCS/NATO Quick Reaction Alert role. The system's accuracy characteristics, together with the use of low yield warheads, will permit the required effectiveness to be achieved while at the same time reduce the anticipated collateral damage. As currently envisioned, PII will result from a product improvement of the fielded PERSHING system. It will use the same propulsion unit and ground support equipment and incorporate the latest technology in terminal guidance to provide the required accuracy. The program is in the final stages of advanced development. Test firings to demonstrate the accuracy of the guidance scheme are programmed for early FY 1978. The decision to continue into engineering development will be made after completion of the firing program.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603312A Non-Nuclear Warheads (H);;
The objective of this program is to investigate methods of providing effective non-nuclear firepower for Army guided missiles and rockets against surface and air targets. Areas of effort are submunition release and dispersion, anti-armor munitions, anti-materiel munitions, and surface-to-air warheads.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603313A Missile and Rocket Advanced Technology;X-7-05;
Includes civilian and military manpower authorizations and related costs as applicable. Provides feasibility demonstrations of technology advancements in various missile and rocket system components, such as propulsion, guidance and control, airframe, nozzle structure, or warhead. Generally, two or more components will be tested

together. Data needed on experimental prototypes in order to prepare a Required Operational Capability (ROC) for new missile and rocket systems may also be obtained.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0603314A Directed Energy;X-7-05;
Includes civilian and military manpower authorizations and related costs as applicable. This program seeks expansion of the High Energy Laser (HEL) technology base, and exploration of potential use of the HEL in a weapon system for a variety of Army Mission Applications. The program is conducted in concert with the HEL programs of the Navy, Air Force, and the Advanced Research Projects Agency (ARPA). Advanced development prototypes for specific mission applications will be fabricated only after mission viability, system lethality, and technical feasibility have been established.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0603315A Target Missiles (H);X-8-03;
Includes civilian and military manpower authorizations and related costs as applicable. Includes development and evaluation of targets and target ancillary equipment required for realistic and cost effective target systems to test air defense weapon systems and to train air defense units and personnel. The targets must be capable of meeting present and future requirements for research and development system testing. Target ancillary equipment efforts will develop augmentation devices to allow sub-scale targets to appear as full-scale threats and fully exercise the capabilities of air defense systems.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0603316A Advanced Rocket Control System (H);X-7-05;
This is a classified program. Includes civilian and military manpower authorizations and related costs as applicable.

0603317A Grass Blade (H);X-80-004;
Program content is SECRET, "CLOSE HOLD," Special Access Required. Includes civilian and military manpower authorizations and related costs as applicable.

0603318A Army/Navy Area Surface-to-Air Missile (SAM) Technology (H);X-80-004;
Includes civilian and military manpower authorizations and related costs as applicable. The objective of this program is to achieve more commonality between future Army and Navy, large, surface-to-air missile systems. The project will produce jointly-developed advanced technology and will prevent duplication between Services. Items to be considered are diode phase shifters for phased array radars and solid-state transmitters for active seeker

guidance.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0603319A Conventional Airfield Attack Missile (CAAM) (H);X-80-004;
Includes civilian and military manpower authorizations and related costs as applicable. This program will develop a fixed-base delivery system and a conventional warhead with runway penetrator submunitions designed for attacking Warsaw Pact main operating airfields within the first few minutes of the war, regardless of weather conditions. Initially, analysis and a technology demonstration of the warhead and runway penetrator submunitions will be conducted to determine feasibility and provide information to make estimates of mission effectiveness and systems costs. The fixed-base and launching concept will be designed to the extent that it will support a creditable evaluation of cost. The analysis will examine employment concepts, determine force structure implications, and examine the overall problem from a roles and missions standpoint.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0603320A Corp Support Weapon System (H);X-7-05;
Includes civilian and military manpower authorizations and related costs as applicable. The objective of this program is to develop an Army system that will replace LANCE in all its applications and provide conventional capability (using Assault Breaker Technology) to destroy/neutralize and delay 2nd echelon forces prior to their arrival in the central battle area. Excludes military construction costs which have not been completed because program currently is single-year effort, and all costs beyond the study effort.

0603321A Target Acquisition, Counter/Counter - Countermeasures (H);X-92-4;
Includes military and civilian manpower authorizations and related costs.

The purpose of this program is to provide advanced development of Target Acquisition components and projected threat Countermeasures (CM). The three projects in this program are: (1) Special Purpose Detectors - The purpose of this project is to expedite the development of modern GSR's to solve critical surveillance and target acquisition deficiencies by providing: radar hardware from the technical base to the field forces for evaluation, the technical support to assist in the field evaluation by the troops and the advanced engineering to expedite transition of the hardware through FSED. (2) Anti-Radiation Missiles Countermeasures (ARM-CM) - The Army has fielded or has under development a variety of emitters which are susceptible to attack by location and tracking systems that use RF radiation of the emitter as a target signature. These emitters include air defense radars, countermortar/counterbattery radars, and tactical microwave and satellite communications terminals. The objectives of this program are to characterize and simulate known and projected threat missile systems and those which may be developed in response to US emitter and ARM-CM designs, to develop appropriate countermeasures, to provide laboratory and field test instrumentation, and to provide tri-Service data exchanges. Emphasis was shifted in 1984 to countering Soviet ARMS which are able to use navigation to accurately attack a radar by the infrequent updates provided by the radar's main-beam signals. (3) Technical Vulnerability Reduction - This project consists of two major thrusts; Development of accurate and thorough "total system" assessments on the mission effectiveness and combat survivability of Army materiel when it is employed in a realistic threat environment and the provision of specific system requirement guidance and technology investment recommendations;

and ensuring that total system vulnerabilities are quantified and adequate alternatives (e.g., tactical or technical solutions) are available in a timely manner to respond to the emerging threat. These assessments are used to develop requirements for system developments and to identify gaps in technology programs. All system assessment deficiencies (including those resulting from threat updating) are collected and analyzed to determine whether a technical solution is warranted, as opposed to a tactical solution and then ensuring that this deficiency is included in the tech base investment strategy.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0603322A TRACTOR CAGE;X-0-05;
The contents of this program are classified and will be provided only to personnel with a valid need to know.

Excludes military construction costs, and manpower authorizations.

0603324A Army Tactical Command and Control System (ATCCS) Experimentation Site (H);X-92-4;;
Includes civilian and military manpower authorizations and related costs as applicable:

For support of testing new, high technology material and procedures in the environment of an infantry division. Some of such testing is included in developmental program elements.

0603325A Chemical Weapons Treaty Monitoring (H);X-92-4;;
Includes civilian and military manpower authorizations and related costs as applicable. Identifies, develops, and demonstrates technology, material and procedures needed for effective monitoring of those activities permitted or required as well as underlined which are likely to be included in a chemical weapons treaty. Information developed under this program will also be used to provide technical support to the ongoing Geneva negotiations.

Excludes military construction costs which are included in appropriate management and support elements in this program.

Excludes costs of maintaining family housing. See PE 0808746A, Family Housing Maintenance.

0603392A Anti-Satellite Weapon (ASAT);X-93-4;;
Includes RDT&E funds and civilian and military manpower and related costs for a land based kenetic missile to deter, deny and negate threat satellites.

Excludes military construction costs which are included in appropriate management and support elements in this

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0603393A TRACTOR TRAILER;X-0-06;
Includes military and civilian manpower and related costs. This is a special access program. Details will be provided on a need to know basis to authorized personnel on a special access list. Excludes military construction

costs.

0603401A Satellite Communications (H);;

0603403A NAVSTAR Global Positioning System (H);X-80-004;
Includes civilian and military manpower authorizations and related costs as applicable. Includes RDTE funds to develop, test, and evaluate a family of user equipment which, when used in conjunction with a satellite system, will provide precise position location and navigation for a wide variety of users. Users will include individual soldiers, ground and marine vehicles, and fixed and rotary wing aircraft. The DNSS will provide a DoD position fixing and navigation system capable of furnishing worldwide, three dimensional position and velocity with very high accuracy in real time. This program is performed in-house and on contract under the supervision of a number of major R&D activities within the U.S. Army Materiel Development and Readiness Command.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0603601A Power Systems and Converters (H);;
Includes RDT&E funds to support two advanced development projects. The first, entitled Tank Turret Component Development, has as its objective to design, fabricate and test tank turret components, where the concept has been originated and shown feasible in exploratory development. The second, entitled Vehicle Transmission/Steering Unit Development, has as its objective to design, fabricate, and test transmission and steering systems, for use in both tracked and wheeled vehicles

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603602A Advanced Land Mobility Systems Concepts (H);X-8-03;
Includes civilian and military manpower authorizations and related costs as applicable. It is the objective of this program element to evaluate promising new mobility systems. A clear separation of research and development activities from the "requirements" design line must be achieved if these concepts are to survive for evaluation. The vehicles developed under this element could more properly be described as "pre-prototype" or "idea" vehicles. Combat-special purposes and transport vehicles will be included. Some current promising candidates are: Tracked or wheeled high mobility vehicle to exploit the potential of a high velocity 75mm gun, second generation remotely controlled vehicle, high mobility tactical vehicle, and a very high HP/ton vehicle.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0603603A Chemical and Biological Weapons Program (H);;

0603604A Nuclear Munitions - Adv Dev;X-9-03;

Includes civilian and military manpower authorizations and related costs as applicable.

Modern, effective, and safe nuclear weapon systems are needed to fight successfully on the nuclear battlefield. The projects in this program element fund the Army's nuclear systems advanced development efforts in support of those needs and fund the management and engineering support activities required to interface with the Department of Energy (DOE) and Army hardware of Army materiel with nuclear survivability requirements. The Nuclear Survivability Assessment Team (NSAT) assesses the nuclear survivability of mission essential deployed equipment and identifies corrective measures to improve nuclear survivability where needed. These teams of experts support the Army research and development community in developing nuclear hardened systems and identifying nuclear survivability improvements needed in mission essential deployed equipment. Additionally, this program element funds advanced development of components to meet modern nuclear operational, safety, security and reliability requirements in a cost effective manner for follow-on to current nuclear projectiles and conducts design, development, and test efforts for a container to increase safety, security, and survivability of artillery fired atomic projectiles.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0603605A Howitzer LW SP 150mm (H);;

0603606A Landmine Warfare and Barrier Advanced Technology;X-7-05;
Includes civilian and military manpower authorizations and related costs as applicable. Includes RDT&E funds to develop fuzing sensors, explosives and logic components for improved scatterable and conventional landmines. Includes RDT&E funds to improve the Army's countermine capability by investigating and exploring materials, techniques, and technology evolving from exploratory development. A program of nonexplosive barrier components and field fortification advanced research is also included.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0603607A Joint Service Small Arms Program;X-1-002;
Includes civilian and military manpower authorizations and related costs as applicable. Eliminates cross service duplicate RDT&E efforts with resultant savings in manpower costs and, through resultant weapons standardization, savings in eventual acquisition and logistics costs. Includes RDT&E funds to provide for advanced development of enhanced performance weapon systems for small operating units and individual combatants of all services in concert with the demands of the modern and projected battlefield. Weapon systems involved are all types of small arms to include individual and crew-served weapon systems to defeat existing and projected improvements in body armor and related hard targets expected on the modern battlefield. Effort under this project also involves the development of low signature weapons, improved individual fire control for effective target acquisition and engagement, application of modern lightweight/high strength materials, high performance light armor penetrators, and application of newly developed weapon technologies toward substantial modernization of this class of weapon system leading toward the immediate objectives of significant gains in individual fire power and battlefield sustainability and survivability.

0603608A Weapons and Ammunition (H);X-8-03;

Includes civilian and military manpower authorizations and related costs as applicable. Includes RDTE funds to design and develop more reliable weapons and munitions with increased range, greater accuracy, higher rates of fire, and improved lethality. The program consists of advanced development projects in armor and infantry munitions.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0603609A Chemical and Biological Pilot Plant Processes (H);;

0603610A FA Direct Support Weapons (H);;

0603611A Advanced Automatic Cannon (H);;
Includes RDT&E funds for the development of high performance, medium caliber, externally powered, automatic rapid fire cannons of advanced design to meet anticipated requirements for both ground and air combat vehicles, and to use ammunition based on the objectives of tri Service design standardization and commonality, as well as overall system effectiveness.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603612A Advanced Anti-Tank Weapon Systems;X-9-03;
Includes civilian and military manpower authorizations and related costs as applicable.

Includes RDTE funds to perform advanced development of an Advanced Anti-Tank Weapon System (Medium) to replace the DRAGON Weapon System. Also required is to perform advanced development of an Advanced Anti-Tank Weapon System (Heavy) (Line of Sight Anti-Tank (LOSAT) as a replacement for the improved TOW Vehicle with a new, dedicated Anti-tank System for the heavy forces.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0603613A Advanced Fuze Design (H);X-2-001;
Includes civilian and military manpower authorizations and related costs as applicable. Includes RDTE funds for the incorporation of the latest developments in fuzing technology into prototype fuzes for artillery, mortar, and tank ammunition, and the demonstration of their military potential. Time and proximity fuzes of advanced design improved fuzing for high explosive antitank ammunition, and improved power sources for all types of electronic fuzes are being developed under this program.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0603614A Incapacitating Chemical Munitions Concepts (H);X-8-03;
Includes civilian and military manpower authorizations and related costs as applicable. Includes RDTE funds to design, fabricate, and test prototype incapacitating agent munitions for Army use, and to complete advanced development for incapacitating chemical agents issued for Army, Navy, and Air Force systems. This program contains two projects devoted to development of incapacitating chemical agent munitions and agent processes.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0603615A Lethal Chemical Munitions Concepts (H);X-8-03;
Includes civilian and military manpower authorizations and related costs as applicable. Includes RDTE funds to conduct advanced development to binary lethal chemical agents and weapons systems which have advanced from exploratory development. This program contains two projects devoted to development of lethal chemicals, agent processes and lethal chemical munitions concepts.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0603616A Tank Gun Cooperative Development (H);X-80-004;
Includes civilian and military manpower authorizations and related costs as applicable. Includes RDTE funds for testing for both the United Kingdom and the Federal Republic of Germany 120mm gun systems for development, production, and integration of selected system into XM1. Program also involves the development of additional 120mm ammunition to meet unique United States user requirements.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0603617A Non-Line of Sight (N-LOS);X-91-2;;
Includes costs specifically identified and measurable to engineering development of a non- line of sight weapons system. Includes RDTE funds and civilian and military manpower beginning in Fiscal Year 1991. N-LOS will permit a weapons system to engage from defilade both stationary and moving targets at extended ranges, even when the targets are in defilade or concealed positions. N-LOS will defeat armored targets well beyond the maximum range of tank main guns or direct fire anti-tank missiles. N-LOS is a multi-mission system capable of engaging armored vehicles, helicopters and other value point targets within the forward combat brigade area.

Excludes military construction costs.

0603618A Countermine and Barrier Developments (H);X-2-001;
Includes civilian and military manpower authorizations and related costs as applicable. Includes RDT&E funds to improve the Army's countermine capability by investigating and exploring materials, techniques, and technology

evolving from exploratory development. A program of nonexplosive barrier components and field fortification advanced research is also included.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0603619A Landmine Warfare and Barrier - Adv Dev;X-7-05;
Includes civilian and military manpower authorizations and related costs as applicable. Includes RDTE funds to improve the Army's countermine capability by investigating and exploiting materiels, techniques and technology evolving from exploratory development. Provides for development and validation of countermine systems concepts, combat shelters and field fortification techniques. Supports activities leading to a family of mutually supporting mine detection/neutralization devices. Includes RDTE funds to develop systems and prototypes of concepts applicable to the Army mine program and the family of scatterable mines to establish system feasibility.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0603620A Tank Systems (H);;
Includes RDT&E funds to develop a new main battle tank (XM1) to replace the current M60A1.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603621A Combat Vehicle Popuision System (H);X-8-03;
Includes civilian and military manpower authorizations and related costs as applicable. Includes funds for the development, testing, and evaluation of propulsion systems and propulsion system components/subcomponents for application on present and future combat vehicles. Examples of components include engines, transmissions, steering units, and final drives.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0603622A Test, Measurement and Diagnostic Equipment (H);;
This program element consists of two projects, i.e., Generator, Starter, Alternator, Regulator, Rectifier Test Stand (GSARRTS), and Automatic Test Equipment for Internal Combusion Engines (ATE/ICE). The GSARRTS will be used for testing higher ampere electrical automotive subsystems proposed for current and future Army vehicles. The ATE/ICE project has two primary development tasks: TASK 1--a field maintenance level automatic test set consisting of programable diagnostic computer kit and transducer sensors kits to provide simple, accurate diagnosis of faulty engines. TASK 2 --develop on board sensor panel, indicators and wiring harness terminating at a common diagnostic connector intended to provide monitoring systems and interface with the diagnostic units under development in TASK 1.

Excludes civilian and military manpower and their related costs and military construction costs which are included

in appropriate management and support elements in this program.

0603623A Landmine Systems (H);X-2-001;
Includes civilian and military manpower authorizations and related costs as applicable. Includes RDT&E funds to develop systems and prototypes of concepts applicable to the Army mine program and the family of scatterable mines in order to establish system feasibility.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0603624A Mobility (H);X-7-05;
Includes civilian and military manpower authorizations and related costs as applicable. Includes RDTE funds as required to test and evaluate new high ground mobility concepts that can be applied to future or existing tactical or combat vehicles. This mobility program element consists of projects as required to conduct advanced development of tactical vehicles and their componentry.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0603625A Cavalry Fighting Vehicle (H);X-78-003;
This program will estimate the requirements of the Army's cavalry vehicle in conjunction with the results of the Infantry Fighting Vehicle (IFV) development. The required cavalry system will be developed using the two-man TOW/BUSHMASTER Armored Turret (TRAT) being developed and integrated into the IFV. The TBAT will incorporate the 25mm BUSHMASTER cannon, the TOW missile system, and a coaxial 7.62mm machine gun, all providing fire and using an integrated day/night sight.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603626A Advanced Diesel Engine (H);X-2-001;
Includes civilian and military manpower authorizations and related costs as applicable. R&D funds to complete advanced technology work on the AVCR-1360 diesel engine.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0603627A Smoke, Obscurant and Target Defeating Sys-Adv Dev;X-92-4;;
Includes civilian and military manpower authorizations and related costs as applicable. Includes RDTE funds as required for advanced development of combat support munitions for flame, smoke, and incendiary material.

Excludes military construction costs which are included in appropriate management and support elements in this

program.

0603628A Artillery and Mortar Ammunition Development (H);X-8-03;
Includes civilian and military manpower authorizations and related costs as applicable.

FIELD ARTILLERY: This project supports the design and development of more effective field artillery ammunition to provide increased range, greater accuracy, and improved lethality to US forces to offset and advantages in range and numbers currently enjoyed by the Warsaw Pact forces. Items being developed include projectiles, propelling charges, fuzes, and improved projectile submunitions. In addition, the gun propulsion technology program will develop improved approaches to propelling charge design and address the interface problem between the cannon, charge, and projectile.

MORTARS: Projects support the design and development of more effective mortar ammunition to provide increased range, accuracy, lethality, and mobility for close combat support of ground units. Unique engineering problems to be solved include design of mortar bomb tailfin boom assemblies which also serve as the base unit for propelling charge increments, fuze requirements, compatibility of projectiles/weapons, range and weight problems, and development of a "family" approach (compatible high explosive, smoke and illuminating rounds).

Excludes military construction costs which are included in appropriate management and support elements in this program.

0603629A Division Support Weapon System (H);X-5-01;
Includes civilian and military manpower authorizations and related costs as applicable. Includes RDTE funds to support advanced development of light, medium and heavy artillery weapons systems and related fire control items.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0603630A Advanced Mechanized Infantry Combat Vehicle (MICV) Study (H);X-80-004;
Includes civilian and military manpower authorizations and related costs as applicable. Includes a study to re-evaluate the specific requirements for and the design of the Mechanized Infantry Combat Vehicle (MICV) recently redesignated Infantry Fightng Vehicle (IFV) and to assess the need for a more survivable follow-on vehicle.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0603631A Combat Vehicle Turret and Chassis Subsystems (H);X-8-03;
Includes civilian and military manpower authorizations and related costs as applicable. Includes funds for the development, testing, and evaluation of chassis - turrets and chassis - turret components/subcomponents for application on present and future combat vehicles. Examples of components include track, suspension units, fire controls, wiring harnesses, fire suppression devices, and auxiliary power units.

Excludes military construction costs which are included in appropriate management and support elements in this

program.

0603632A Armored Combat Support Vehicle Family (H);X-7-05;
Includes civilian and military manpower authorizations and related costs as applicable. Includes RDTE funds to develop a new family of combat support tracked vehicles such as rearm, resupply, refuel command/control maintenance and mortar carrying vehicles. A full tracked, multi-purpose chassis to provide a transport platform for 20,000 pound payloads and interchangeable modules for placement on the platform for various roles, will be developed. GSRS Carrier (IFV chassis) components will be used to maximum extent.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0603633A Tank and Fighting Vehicles Ammunition Development (H);X-9-01;
Includes civilian and military manpower authorizations and related costs as applicable. RDTE funds to design and develop new tank munitions with increased range, greater accuracy, and improved lethality. The program consists of advanced development projects in armor munitions and fuzes.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0603635A Anti-Armor Support Platform - Adv Dev;X-8-03;
Includes civilian and military manpower authorizations and related costs as applicable. This PE supports development of an advanced Multi-Purpose Armored System (AMAS). This will provide the US Army with a lightweight to middle weight anti-armor combat vehicle system capable of being deployed by both strategic and tactical airlift aircraft.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0603636A Combat Vehicle Armor/Anti-Armor (H);X-8-03;
The proposed program includes the needs of several priority systems for missiles and guns. Warheads for missile and submissile systems will be developed through a coordinated MICOM, BRL and LCWSL program to include warhead mechanics and full scale testing. MICOM, ARRADCOM, and AMMRC will jointly study penetrators and system needs to improve anti-armor capabilities. Studies of penetrator materials will improve effectiveness and reliability.

0603637A Advanced Propulsion/Launch System for Munitions (H);X-8-03;
Includes civilian and military manpower authorizations and related costs as applicable to demonstrate technological maturity of advanced indirect fire artillery and/or propulsion concepts to achieve substantial improvements in weapon system effectiveness and to encompass advanced development and demonstrators associated with weapons of small and large calibers. Includes efforts which will significantly improve weapon performance and lethality, cost effectiveness, logistical burden, survivability, and reliability, availability, and

maintainability. Also embraces efforts in interior, exterior, and terminal ballistics to accomodate advances within the areas of fuzing, terminal guidance and energetic materials, thru the demonstration of advanced artillery design or soft launch propulsion systems.

Excludes military construction costs.

0603638A Nuclear Hardening Advanced Technology (H);X-8-03;
Develop generic nuclear hardening technology and prototypes such as terminal protection devices, filters, shielded cables, radiation hardened circuits, blast and thermal resistive materiel and coatings, shielding, etc. Demonstrate that these technologies and prototypes will provide effective protection for Army tactical and strategic systems/equipment against nuclear weapons effects. Additionally, generate a technical data base that will be the technical basis for nuclear hardening standards and specifications. Initial emphasis wiil be placed on HAEMP specifications and standards. However, subsequent efforts will be directed at the development of engineering specifications and standards for the other nuclear weapons effects (initial nuclear radiation, blast and thermal).

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603639A Armament Enhancement Initiative;X-5-01;
Includes military and civilian manpower and costs specifically identified and measurable to special classified projects for which information on resources will be provided only on a "need-to-know" basis to authorized personnel identified on a special access list.

0603640A Artillery Propellant Development;X-92-4;;
Provides for improved solid propellant technology for artillery and other direct/indirect weapons systems. Includes RDTE funding to continue development of Unicharge propellant; design of propellant for current cannons, and key technology issues associated with automated loading and handling. Includes civilian and military manpower and related costs.

Excludes military construction costs.

0603642A Medium Surface-to-Air Missile (H);X-92-4;;
Includes civilian and military manpower authorizations and related costs as applicable. Evolutionary Surface to Air Missile (E-SAM) is an RDT&E program designed to identify an evolutionary course which will combine short range and low-to-medium altitude air defense needs of the future. This two-phase effort will evaluate current systems, capabilities, and technology relative to future needs and then translate results into advanced engineering development. Efforts will also determine optimal mission area force structure and mix with the PATRIOT system.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0603645A Armored System Modernization - Adv Dev;X-6-05;

Includes civilian and military manpower and related costs and RDTE funds to demonstrate proof of principle for the Armored Family of Vehicles, including the chassis, the armored application, the infantry application, the artillery application, and the combat service support application. The system developed under this element will be demonstrated in a troop test.

Excludes military construction costs.

0603646A Corps Surface-to-Air Missile (H);X-92-4;;
Includes civilian and military manpower authorizations and related costs as applicable. Provides funds for demonstration and validation of Corps SAM, a replacement for the Hawk Missile System. Corps SAM is envisioned as the centerpiece of Army corps air defense brigades. Corps SAM will be a strategically deployable tactically mobile medium class air defense system to support deployed corps, contingency operations and rapid reinforcing missions. Corps SAM's distributed architecture and modular components will allow the unit to be be task organized and the equipment configured according to the array of expected air threats, available strategic lift, and acceptable level of risk. Corps SAM will leverage NATO MSAM development to the maximum extent possible. Excludes military construction costs which are included in appropriate management and support elements in this program.

0603647A TRACTOR DIRT;X-0-06;
Includes military and civilian manpower authorizations and related costs. This is a special access program. Details will be provided on a need to know basis to authorized personnel on a special access list. Excludes military construction costs.

0603649A Engineer Mobility Equipment Advanced Development;X-92-4;;
Includes civilian and military manpower authorizations and related costs applicable to improve the Army's mobility capability by developing engineer systems capable of breaching complex obstacles.

Excludes military construction costs.

0603650A Future Infantry Vehicle-Adv Dev;X-0-09;
Includes military and civilian manpower authorizations and related costs. To execute our airland battle doctrine, the infantry, as part of the combined arms team, must fight along side our tank forces. To succeed in this they must have a fighting vehicle that provides equivalent mobility to the tank, protect the infantry squad, and provide fire support for the dismounted infantry to destroy enemy reconnaissance and infantry vehicles, bunkers and armor.

Excludes military construction costs which are included in the appropriate management and support elements in this program.

0603651A Engineer Vehicle-Adv Dev;X-0-09;
Includes civilian and military manpower authorizations and related costs. The engineer vehicle is a Combat Mobility Vehicle (CMV) which fulfills the needs as a primary offensive support vehicle to the Combined Forward

Area Maneuver Task Force. The CMV will breach/ neutralize/destroy complex battlefield obstacles and clear multi-dimensional mine fields. The success of future combat operations is contingent upon the integration of survivable, lethal, and mobile combined arms forces; timely processing of information and decisions; rapid logistical response; and complete synchronization of all battalions task force assets. The CMV provides the task force with the ability to breach complex obstacles and mine fields without delay.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0603652A Future Tank-Adv Dev;X-0-09;
Includes military and civilian manpower and related costs. The future tank fulfills the need for a primary offensive weapon system that can close with and destroy enemy defenses and exploit breakthroughs to the enemy's rear. The success of future combat operations is contingent upon the integration of survivable, lethal, and mobile combined arms forces; timely processing of information and decisions; rapid logistical response; and complete synchronization of all battalion task force assets. The future tank provides significant improvements in lethal, rapid, direct fire capability; survivability; and shock effect within the combined arms team.

Excludes military construction costs which are included in appropriate management and support costs in this program.

0603653A Advanced Tank Armament System (ATAS);X-92-4;;
Includes civilian and military manpower authorizations and related costs, beginning in FY94, specifically identified and measurable to advanced tank armament systems. The Advanced Tank Armament System (ATAS) represents a low risk approach to increased lethality. The XM291 Cannon will be developed with two gun tubes, one to fire standard 120mm ammunition, which imparts an 8% increase in muzzle velocity, and the other to fire two piece 140mm ammunition. Ammunition development will be limited to unique 140mm development activities needed to support the 140mm gun. XM91 autoloader with respect to SAVA compatibility. The Extended Range Gunnery (ERG) Fire Control System will include improvements in target detection and hit probability as well as automation of functions. Target Acquisition System will include a radar with low light level TV, a laser range finder and the Combat Protection System with a 1 1/2 generation FLIR. Integration of these devices will be performed under the ERG.

Excludes military construction costs which are included in appropriate management support elements in this program.

0603654A Line-Of-Sight Technology Demonstration;X-95-3;;
Includes funds, civilian manpower and related costs specifically identified to mature and demonstrate key subsystem of the Line-of-Sight Antitank weapon system. Efforts include improvements to the Kinetic Energy Missile and advanced Fire Control System.

Excludes military construction costs.

0603701A Land Warfare Laboratory (H);;
Includes RDT&E funds for providing a centralized, quick reaction, research and development facility for

accomplishing development of specialized military items and for generation of new ideas.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elememts in this program.

0603702A Electric Power Sources (H);X-8-03;
Includes civilian and military manpower authorizations and related costs as applicable. Includes RDTE funds to develop military electric power sources in range from milliwatts to hundreds of kilowatts. Effort is conducted on batteries, engine generators, and silent power plants such as fuel cells, to provide high power output, long life time, and operate over increased temperature ranges.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0603703A Automatic Data Processing Equipment (ADPE) Developments (H);X-78-003;
Includes RDT&E funds to perform advanced development of computer equipment applicable to future Army tactical data processing equipment. The emphasis is on the development of small-scale processors, input-output devices, and display equipment which satisfy a broad range of tactical requirements. This program also performs product improvements for the Field Artillery Gun Direction Computer, M-18, (FADAC) by revision by ballistic program tapes.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603704A Unattended Ground Sensors (H);X-80-004;
Includes civilian and military manpower authorizations and related costs as applicable. Includes RDTE funds. This element includes two projects, i.e., REMBASS (DK 73) and FAALS (DK 76). REMBASS is the remotely monitored battlefield surveillance system which consists of unattended sensors, relay devices, readout devices, and power sources. FAALS is the field artillery acoustic locating system specifically designed to locate enemy indirect fire weapons. REMBASS employs a mix of sensor types, while FAALS is based primarily on acoustic sensors.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0603705A Physical Security;X-80-004;
Includes civilian and military manpower authorizations and related costs as applicable. The objective of this program is to conduct advanced development of hardware concerned with the physical measures designed to safeguard personnel, to prevent unauthorized access to equipment, facilities, materiel and documents, and to safeguard them against espionage, sabotage, damage and theft. The program includes contraband detection, personnel identification and recognition systems, and central processing of sensor analog data.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0603706A Identification-Friend-or-Foe - Adv Dev (H);X-91-2;

Includes civilian and military manpower authorizations and related costs as applicable. Includes RDTE funds for advanced development of an Army identification system suitable for positive and automatic recognition and identification. The program covers Battlefield Identification (BIFF), ground-by-ground, ground-by-air, and air defense IFF, air-by-ground. This program element is performed in-house and on contract under the supervision of the USA Electronics Command, DARCOM.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0603707A Communications Development (H);X-8-03;;
Includes civilian and military manpower authorizations and related costs as applicable. Includes RDTE funds for the advanced development of all Army strategic and tactical communications equipments, except for satellite communications and tasks directed for accomplishment under TRI-TAC (Joint Tactical Communications Program). This program is divided into four projects covering strategic communications, tactical communications, and developments common to both strategic and tactical communications. Developments supporting the above categories are voice and data multiplexers, computer controlled automatic test equipment, and the Ultra-Reliable Radio (AN/URC-78).

Excludes military construction costs which are included in appropriate management and support elements in this program.

0603708A Image Interpretation and Photo Processing (H);;

0603709A AVENGER Complementary Missile (H);X-92-4;;
Includes military and civilian manpower authorizations and related costs. This program provides resources to conduct test and evaluation of a Complementary Missile for the AVENGER Line of Sight-rear air defense system. The Complementary Missile will employ an other than IR guidance mode to acquire and kill helicopters in cluster and complicate threat countermeasures. Maximum commonality with existing AVENGER missile launcher pods and fire control system will be maintained to minimize cost and modifications.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0603710A Night Vision Advanced Technology;X-7-05;
Includes civilian and military manpower authorizations and related costs as applicable. Includes RDTE funds to perform advanced development of night vision systems and components that will enhance all phases of U.S. Army day/night operations. Approaches include state-of-the-art componentry in image intensification, far infrared and radiation sources; development of advanced concepts; development of systems and devices for applications to aircraft, vehicles, missile systems, and the individual soldier; and development of counter-countermeasure techniques and devices.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0603711A Aircraft Survivability Equipment (H);X-9-03;

Includes civilian and military manpower authorizations and related costs as applicable.

This program provides the advanced development efforts to provide U.S. and allied aircraft with self-protection against enemy infrared, radar, optical/electro-optical and laser air defense threats. The program is the continuation of efforts to achieve the survivability and enhanced combat effectiveness required to accomplish the Army attack, assualt and special electronic mission aircraft (SEMA) mission requirements. The program is structured to preclude service duplication of a 1977 Tri-Service MOA. This program responds to the Required Operational Capability (ROC) for Aircraft Survivabilty Equipment (ASE). ASE is needed for both currently fielded and future Army aircraft in order to survive to accomplish combat missions and reduce combat attrition to an acceptance level.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0603712A Terrain Information - Adv Dev (H);X-9-03;

Includes civilian and military manpower authorizations and related costs as applicable. Development and integration of Land Navigation and heading reference equipment into the FOV kit.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0603713A Army Data Distribution System;X-2-004;

The Joint Information Distribution System (JTIDS) program was established by DoD to utilize state-of-the-art technology, develop and acquire an integrated communications navigation and identification system which is secure, jam resistant and designed to interconnect the services' command and control and weapons systems in a joint tactical environment. This project supports the Army's involvement and assessment of the JTIDS architecture to determine program suitability for Army ground environment. Definition and design parameters tailored to Army requirements will be incorporated into the Class 2 terminal development.

0603714A Unmanned Aerial Surveillance System (H);;

0603715A Subsystem Reliability (H);;

0603716A Project BLUE ZEPHYR (H);;

0603717A Project MALLARD (H);;

0603718A Electronic Warfare Systems - Adv Dev;X-7-05;

Includes RDT&E funds necessary for investigating the vulnerability/susceptibility to electronic countermeasures of the Army's missile systems, radar systems, communications systems, and electro-optic, guided weapon systems; and to develop Electronic Counter-Countermeasures (ECCM) techniques and circuits. Vulnerability investigations of missile fuzes and foreign missile systems are also conducted. This program provides ECCM recommendations to weapon systems developers, based on vulnerability/susceptibility analyses.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603719A Special Purpose Detectors (H);X-8-03;
Includes manpower authorizations and related costs as applicable. Includes RDT&E funds to conduct the demonstration of Surveillance, Target Acquisition, and Night Observation (STANO) devices, not dedicated to aircraft. Efforts include work in ground based combat surveillance and target acquisition radar, special purpose detectors, unattended ground sensors, and optical devices. This program is performed in-house and on-contract under the supervision of a number of major R&D activities within the U.S. Army Materiel Development and Readiness Command.

Excludes military construction costs.

0603720A Chemical/Biological Detection, Warning, and Sampling Materiel Concepts (H);X-8-03;
Includes civilian and military manpower authorizations as applicable. Includes RDTE funds to conduct advanced development and demonstrate techniques or equipment which are essential to the chemical and biological defense capabilities of the Services. This program involves the detection and warning of chemical and biologically contaminated environments as well as for sample gathering and identification on a contaminated battlefield. It provides an analysis of the problems involved and procedures for their solution, advanced development and modification of prototypes, and necessary developmental and operational suitability testing. This program also covers advanced development of training systems for operations on a chemical or biologically contaminated battlefield.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0603721A Chemical/Biological Protective Materiel Concepts (H);X-8-03;
Includes civilian and military manpower authorizations and related costs as applicable. Includes RDTE funds to conduct advanced development and demonstrate techniques or equipment which are essential to the chemical and biological defense capabilities of the Services. This program involves individual and collective protection of personnel, their equipment, and vehicles. It also includes development of decontamination methods and associated equipment. It provides an analysis of the problems involved and procedures for their solution, advanced development and modification of prototypes, and necessary developmental and operational suitability testing.

Excludes military construction costs which are included in appropriate management and support elements in this program

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0603722A Tactical Operations System (H);X-80-004;

Includes civilian and military manpower authorizations and related costs as applicable. Includes RDT&E funds to provide commanders and their staffs within Corps and subordinate echelons an information processing system that will significantly increase the effectiveness of tactical operations. Specific objectives are to provide a system that will improve command control capabilities, reduce reaction time and integrate fire support and maneuver operations, improve operational decision-making capabilities, provide improved capability for use of operations and intelligence data, and improve the speed and accuracy of plans and estimates.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0603723A Tactical C4 Technology Integration (H);X-8-03;

Includes civilian and military manpower authorizations and related costs as applicable. The Project exploits emerging technologies in Distributed Communications and Data Transmission to support Airland Battle Operations. Concentration is on innovative concepts to address critical communication and automation interoperability and survivability needs identified in mission area deficiencies. The projects main thrust is the early integration of communications and automation technologies in a test bed format capable of field demonstration with active Army units. Output from demonstrations will include identification of high payoff capabilities suitable for spinoff directly to field forces and definition of communications and automation system technical characteristics needed to support combat operations into the next century.

Excludes military construction costs which are included in appropriate management and support elements of the program.

0603724A Low Cost Ownership Development (H);;

0603725A Remotely Piloted Vehicles and Drones - Adv Dev;X-7-05;

Includes civilian and military manpower authorizations and related costs as applicable. Includes RDTE funds to exploit the technology of remotely piloted vehicles for Army applications. Army missions for which RPVs are potentially applicable are surveillance and reconnaissance, target acquisition, target designation, and weapons delivery. The intent is to develop small, low cost, mission specialized, tactical areas and therefore complement the larger and more sophisticated multi-purpose RPV systems being developed by the U.S. Air Force.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0603726A Combat Support Equipment (H);X-8-03;

Includes civilian and military manpower authorizations and related costs as applicable. RDTE funds to support advanced development of improved camouflage materiel, civil disturbance control materiel, fuel and materials handling equipment and a container supported logistics system. Each project is to provide a new or improved capability which will provide more effective support to the combat soldier.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0603729A Counterbattery Radar (H);;
Includes RDT&E funds for advance development of a counterbattery radar that will automatically locate hostile artillery and long-range rocket launch sites. It will incorporate the latest advances in phased array antenna and computer technology and will provide accurate first-round detection and location of weapons over a wide sector coverage.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603730A Tactical Surveillance System - Adv Dev;X-93-4;;
Includes military and civilian manpower authorizations and related costs.

This program element supports advanced development (RDTE) directed at meeting the deep intelligence and targeting needs, and supporting Air Land Battle tactics of tactical commanders. Developments conducted under the Army's Tactical Exploitation of National Capabilities (TENCAP) program are designed to shorten the time required to collect intelligence from various sources and disseminate it directly to the tactical command and control environment to influence field operations. Specific developments include advanced development of prototype Imagery Processing and Dissemination Systems (IPDS) as part of a joint program for tactical imagery exploitation with the USAF/USMC, an initial softcopy exploitation capability to Europe (EAC) theater, and the Tactical Radar Correlator (TRAC) for processing synthetic aperature radar data at theater and interfacing to the IPDS.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0603731A Manpower and Personnel (H);X-8-03;
Includes civilian and military manpower authorizations and related costs as applicable. This program aims at development of a personnel acquisition, training and utilization system that adapts readily to doctrine and technology change, that motivates personnel with potential to enter and pursue military careers on a primary or well-committed reserve basis, and serves the Army's organizational requirements and the individual's career progression needs at the same time. Included are development and evaluation of organizational effectiveness tools and techniques in a variety of work environments, means for optimizing utilization of women and for assuring high quality personnel for the Army.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0603732A Combat Medical Materiel (H);X-8-03;
Includes civilian and military manpower authorizations and related costs as applicable. RDTE funds. Field medical equipment ranges in complexity from single surgical instruments through complete field hospital system complexes. Engineering development of field medical equipment refines those items shown to be feasible in exploratory development stage and solves problems necessary before advanced development can proceed. By this means the medical care needs of the soldier in the field are met with modern equipment, matching the capability of high calibre

fixed hospitals, but with the durability and ruggedness required for military field use.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0603733A Environmental Quality Control Equipment;X-78-003;
Includes RDT&E funds to provide validation and optimization of design criteria and operational parameters for pollution control equipment and processes for military applications. Developments evolving from PE 0602720A, Environmental Quality Technology, will be validated in larger scaled-up versions prior to commitment to full size units. Design data and operational parameters for full-scale application will be defined. Developments may include water pollution control or air pollution control items and/or integrated systems.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603734A Military Engineering Advanced Technology;X-7-05;
Includes civilian and military manpower authorizations and related costs as applicable. The objective of this program is to rapidly develop and transfer to the field Army system products and techniques that will improve the survivability/operability of men, material and equipment in a mid to high intensively combat environment. This program includes combat engineering systems, military hydrology, base development in the theater of operations, hardened structures, weapons effects and general engineer support to the field Army.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0603735A WWMCCS Architecture (H);X-2-001;
Includes civilian and military manpower authorizations and related costs as applicable. Includes RDTE resources in support of the DoD Worldwide Military Command and Control System (WWMCCS) architecture activity, and internal (departmental) studies related to the overall DoD effort. Specifically includes studies and analyses dealing with WWMCCS architecture, systems engineering for broad command and control systems, and WWMCCS/Tactical command and control interface.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0603737A Anti-Radiation Missiles Countermeasures (H);X-8-03;
Includes civilian and military manpower authorizations and related costs as applicable. Includes RDTE funds to conduct the advanced development of anti-radiation missile countermeasures for ground-based radars. The equipment for devices developed will provide a needed capability to reduce the vulnerability of artillery-locating radars, mortar-locating radars, and air defense radars to attack by anti-radiation missiles, and thereby improve the survivability of these systems.

Excludes military construction costs which are included in appropriate management and support elements in this

program.

0603738A Non-System Training Devices - Adv Dev (H);X-7-05;;
Includes civilian and military manpower authorizations and related costs as applicable. Includes RDTE funds. Provides orderly transition of training devices, device components, and training device technology from the exploratory development phase into advanced development. Provides necessary hardware and software to ascertain feasibility of proceeding into engineering development.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0603739A Human Factors in Training and Operational Effectiveness (H);X-0-06;
Includes civilian and military manpower authorizations and related costs as applicable. Systems-oriented advanced development is required in aircrew performance enhancement in a tactical environment, man-machine interface in integrated battlefield control systems, and human performance in field assessment. Problems of rotary wing flight training and performance especially nap-of-the-earth (NOE) flight, require research efforts to address navigational difficulties at NOE, increasing training costs, high attrition rate in training, and inadequate standards of proficiency through use of flight simulation, pilot selection and development of mission- related training objectives. The future battlefield demands increased man-machine capability to acquire, transmit, process, disseminate, and utilize information. Research on interface and interactions between the soldier and computing display equipment of complex command and control will aid the commander in tactical decision making. Satisfactory development of systems and organizations and development of doctrine and training packages associated with the systems are dependent upon operational refinement and evaluation through field assessment. The program element thus includes establishment of representative missions and tasks with scorable performance outputs specific to combat systems under evaluation, and the conduct of operational field tests of systems in a realistic environment with use of representative personnel manning the systems.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0603740A Air Defense Command, Control and Intelligence (C2I) - Adv Dev (H);X-7-05;
Includes civilian and military manpower authorizations and related costs as applicable. The Short Range Air Defense (SHORAD) Command and Control System will provide command, control and coordination of all-weather Short Range Air Defense (SHORAD) air defense missiles and gun systems. This system will replace existing Command and Control arrangements in the divisional area which are essentially manual. It will permit the integration of SHORAD weapons within the Division, with adjacent divisional SHORAD weapons and laterally with Long Range Air Defense (LORAD) weapons.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0603741A Meteorological Equipments Development (H);X-9-03;
Includes civilian and military manpower authorizations and related costs as applicable.

The objective of this element is to establish an Atmospheric Sciences 6.3 Advanced Development Program. This program is required to move current items of equipment/techniques, for which Letters of Agreement are in preparation, from the 6.2 Exploratory Development into the 6.3 for experimental or operational test. Current items include Field Artillery Meteorologic Acquisition System (FAMAS) required by the artillery in the Battle King Study; Remote Atmospheric Weather Station (RAWS), a requirement of the Intelligence School and Center; Artillery Subsystem (ASubs) of the Automatic Meteorological System (AMS) for the artillery; and SATFAL, the use of meteorological satellite data for nuclear fallout prediction for ordnance and artillery. This will be a continuing effort with other items currently in the 6.2 effort moving into 6.3 in FY 1978 and the out-years.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0603742A Advanced Electronic Devices Development;X-8-03;
Includes civilian and military manpower authorizations and related costs as applicable. This program element will continue into the Advanced Development stage those Exploratory Development successes that warrant further military RDTE development. Examples of areas for continued development are advanced metal-oxide-semiconductor (MOS) technology, large-scale integration (LSI) technology, millimeter wave circuitry, low-cost traveling wave tube technology, fiber optics applications, and equipment reliability.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0603743A Education and Training (H);X-8-03;
Includes civilian and military manpower authorizations and related costs as applicable. Includes improving relevance, efficiency and economy of enlisted training; improving and maintaining the readiness posture of active and reserve component forces; applying the computer as a training delivery system; and increasing Army's capability of delivering effective training to soldiers in units and installations. Major efforts include:

a. Provisions of new, improved and less costly training methods, materials, programs, lessons, and procedures for combat, technical, and maintenance training of Army soldiers and for training Army units and organizations.

b. Continued and expanded research in training and evaluation of what and how to train within Active, Reserve and National Guard Units -- and for effective use of supervisors and commanders as trainers and training managers.

c. Research and development support in preparing and validating improved Army Training and Evaluation Programs, including new training methods and more valid evaluation methods.

d. Utilization of the computer as one component for assessing alternative training extension course devices, or mixes of training devices and other training media.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0603744A Training Simulation (H);X-8-03;
Includes civilian and military manpower authorizations and related costs as applicable. This program element

develops testable concepts and evaluation techniques for applying automation simulation, and training devices to the Army setting. Included are engagement simulation, training effectiveness analysis methods, and plans for applying concepts and techniques of embedded training in unit settings for operators of air defense systems. The work supports efficient and effective transfer of new training technology to the operational user; to provide information on effectiveness and user acceptance of engagement simulation and other training technology; to provide a means for incorporating user experience and requirements into training systems development and refinement; and to integrate new training simulation methods into Army Training and Evaluation Programs (ARTEP).

Excludes military construction costs which are included in appropriate management and support elements in this program.

0603745A Tactical Electronic Support Systems - Adv Dev;X-8-03;
Includes civilian and military manpower authorizations and related costs as applicable. Includes RDTE funds to establish the technical feasibility in the development of tactical electronic support measures systems to detect and identify enemy single- and multi-channel communications equipment and radars.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0603746A Single Channel Ground and Airborne Radio System (SINCGARS) Adv Dev;X-5-05;
Includes civilian and military manpower authorizations and related costs as applicable. Includes RDTE funds to accomplish advanced and engineering developments of a family of securable, VHF, electronic counter-countermeasures (ECCM) capable, single channel, combat net radios. The family will consist of manpack, vehicular, and aircraft radio configurations. Foreign candidate radios may be acquired and evaluated under this program element.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0603747A Soldier Support and Survivability;X-80-002;
Includes civilian and military manpower authorizations and related costs as applicable. Includes advanced development to support the DOD Food RDTE engineering program and Army requirements relative to clothing and equipment to increase the combat efficiency of the individual soldier. Efforts include foods, food service equipment, food storage and preservation, clothing, individual equipment, protective clothing, and personnel armor.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0603748A Test Measurement and Diagnostic Equipment Development;X-8-03;
Includes civilian and military manpower authorizations and related costs as applicable. This program utilizes existing commercial technology to rapidly field Automatic test equipment (ATE) to significantly improve the ability of maintenance personnel to support Army tactical equipment, and it provides the critical software tools needed to develop and implement the ATE needed to ensure the readiness of the Army in the field. Included is the

development of a microprocessor-controlled, portable, automatic tester that will be used by contact teams in the field to diagnose and repair a variety of military equipment. In the area of software, test systems will be made available to Army program managers who are developing software for their systems. The program is in direct response to TRADOC requirements identified in a DARCOM/TRADOC Letter of Agreement.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0603749A Technical Vulnerability Reduction (H);X-8-03;
Includes civilian and military manpower authorizations and related costs as applicable. Includes the DARCOM/CM/CCM focal point for ensuring that tactical and technical countermeasures and counter-countermeasures (CM/CCM) are properly considered throughout the material acquisition and life cycle processes. The CM/CCM addressed will encompass all systems involved in or relying upon the transmission, emission, reception or reflection of signals by electromagnetic, sonic, seismic, olfactory or optical means. In addition, consideration will be given to nuclear weapons effects (NWE), electromagnetic pulse (EMP), tactical smoke, and camouflage in the battlefield environment.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0603750A Drug and Vaccine Development (H);X-8-03;
Includes civilian and military manpower authorizations and related costs as applicable. Objectives of this program are to further develop antiparasitic drugs, bacterial, viral and parasitic vaccines that have met requirements in the early program of drug screening and candidate vaccine development in preparation for extended field trials. This program is essential in advanced development to study pharmacology and toxicity of compounds and vaccines shown active against disease that constitute a threat to troop mobilization or diseases endemic in areas of potential military operations.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0603751A Medical Defense Against Chemical Warfare (H);X-1-002;
Includes civilian and military manpower authorizations and related costs as applicable. Objectives of this systems advanced development (6.3B) program element are the evaluation and testing of life support materiel of foreign origin for potential US exploitation, development of patient decontamination and patient processing hardware (e.g., resuscitators, medical monitors, chemical hardened life support materiel) and the further development of promising compounds and drugs that showed efficacy during exploratory development. Life support materiel for both medically supervised and non-medically supervised use will be tested and evaluated. This includes pharmaceutical reformulation, toxicologic and preclinical animal studies and Phase I clinical studies of safety and bioavailability in humans, and maintenance of pharmaceutical stocks as standards for the following categories of compounds: antidotes for nerve agents, cyanide, mustard and lewisite and for selected combinations of agents; prophylaxes for nerve agents and cyanide; pretreatment compounds for nerve agents, cyanide, mustard, and lewisite; and therapeutics for all classes of agents and radiation injury. The work supported by this program element is required to obtain FDA approval for use of a drug of therapeutic compound in humans. This program is essential to providing life support materiel that insures soldier survivability by meeting the chemical agent and nuclear

radiation threat.

0603752A Demilitarization Concepts;X-1-002;
Includes civilian and military manpower authorizations and related costs as applicable. Includes RDTE funds to conduct chemical agent and munitions demilitarization and disposal development. Efforts include work to develop greater demilitarization capability and evaluate reclaiming/recycling agent from non-repairable munitions. New methods and equipment are required to economically dispose of obsolete/unserviceable chemical stocks in an environmentally acceptable manner. This program is performed in-house and on contract under the supervision of a number of major R&D activities within the US Army Materiel Development and Readiness Command.

0603753A Battlefield Data System (H);X-5-01;
Includes civilian and military manpower authorizations and related costs as applicable. Includes advanced development of preplanned product improvements for the Battlefield Data System, an airborne radar and associated ground display and interface stations capable of meeting tactical requirements for detecting, locating and reporting targets at ranges beyond ground line of sight in near-real-time, with an accuracy commensurate with strike by both Army indirect fire weapons and Air Force weaponry.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0603754A Classified Program - Adv Dev;X-5-01;
Includes military and civilian manpower and costs specifically identified and measurable to special classified projects for which information on resources will be provided only on a "need-to-know" basis to authorized personnel identified on a special access list.

0603755A Tactical Electronic Support Measures Systems;X-8-03;
Includes civilian and military manpower authorizations and related costs as applicable. Includes RDTE funds to perform engineering development of electronic countermeasures (jamming) systems, both ground and airborne, used to support the tactical forces at Corps, division, and brigade level. Items in this program element were previously contained as a subset of PE 0604745A but are being separated to better identify intelligence-related activities in PE 0604745A and provide increased Army managerial visibility of electronic warfare systems.

Excludes aircraft self-protection jamming devices and military construction costs which are included in appropriate management and support elements in this program.

0603756A DoD Software Technology (STARS) (H);X-9-01;
This program is a joint DoD Tri-Service effort to pursue rapid transfer of proven technologies and the development of new technologies to achieve improvements in computer software productivity, reliability and maintainability. The goal is to improve the state of practice to achieve faster, less expensive and more predictable development and support that results in more useful, reliable, and adaptable software. In the face of increasing demand and shortage of skilled people, the challenge is to both advance the technology base and adopt practices facilitating

the wide use of the improved technology.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603757A Forward Area Air Defense (FAAD) System;X-7-05;
Includes civilian and military manpower authorizations and related costs as applicable. Supports research, development, test and evaluation of alternative systems for Forward Area Air Defense.

Excludes military construction costs.

0603758A Army Battlefield Technology Integration (H);X-5-05;
Includes civilian and military authorizations and related costs as applicable. RDT&E funds to support development and integration of technology demonstrators to exploit technological advances for increasing effectiveness of the Army under combat. Program highlights demonstrators which address the highest priority needs expressed by TRADOC and the schools. Technical demonstrators cover a broad range. Included are advanced development AI/robotic systems which possess tremendous advantages to assist commanders/operators in carrying out complex tasks in a timely fashion i.e., decision processed greatly simplified. Battlefield reconnaissance vehicles to perform a multitude of functions are included. Other AI demonstrators include intelligence integration (V(INT)2), intelligent maintenance tutor, AI/robotics medical aide and other vehicle electronics (vetronics) demonstrators. Also included are demonstrators for real time intelligence data collection and portrayal to commanders of forward manuever elements very intelligent surveillance target acquisition (VISTA). Program also provides for integration of force multiplier technology into the Army force structure to couple in-house and industry (IR&D) user developed concepts to solve battlefield problems. Program introduces new ideas for best possible use of current techology for battefield. State of the art knowledge and techniques will be utilized for integrating new technology and equipment through various technical/technology demonstrators.

Excludes military construction costs which are included in appropriate management and support elements of the program.

0603759A Chemical Biological Defense and Smoke Advanced Technology;X-7-05;
Includes civilian and military manpower authorizations and related costs as applicable. Includes RDT&E funds to support advanced development of chemical-biological (CB) defense systems which exploit the advantages offered by combining a variety of technologies into integrated systems to increase the effectiveness of the Army in a CB warfare environment. Serves to demonstrate, through the fabrication of subsystems and technology demonstrators and agent testing, the capability to integrate diverse technical discplines to improve CB protection, detection and warning, reconnaissance, and decontamination technolgy in a synergistic fashion. The efforts supported by this program element are required to exploit the advances in CB defense materiel to minimize the performance degradation and manpower and logistic burdens imposed in a warfare environment.

0603760A Distributive Interactive Simulations (DIS) - Advanced Development;X-94-3;;
Includes advanced development of techniques and equipment for Distributed Interactive Simulation (DIS) and related simulations efforts. DIS technology provides wide area simulation networking in support of modeling and

prototyping, doctrinal development, training, and operations, utilizing live, virtual, and constructive simulations. Includes development of reconfigurable simulators. Includes Verification, Validation, and Accreditation (VV&A) functions related to DIS.

0603761A EW Vulnerability/Susceptibility Technical Support (H);X-8-03;
Includes civilian and military manpower authorizations and related costs as applicable. Non-system development to establish the technical feasibility and military potential of electronic counter-countermeasure techniques for application to land combat, air defense and C(3) I systems.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0603762A EW Feasibility Development (H);X-8-03;
Includes civilian and military manpower authorizations and related costs as applicable. Non-system development to establish the technical feasibility and military potential of tactical electronic countermeasures and electronic self-protection techniques in denying, destroying, disrupting and deceiving hostile threats and in protection of our own materiel.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0603763A Nonsystems Medical Material Development (H);X-8-03;
Includes civilian and military manpower authorizations and related costs as applicable. Objective is to develop industrial manufacturing base for production of large standard lots of pharmaceutical grade compounds having potential as antidotes, prophylaxes, therapeutics, pretreatment, decontamination and radioprotective compounds. Initial scaleup will be for the production of potential cyanide and nerve agent antidotes. No US industrial base for manufacturing such compounds exists because no non-military requirements exists. Large pharmaceutical grade standard lots are necessary so that all studies meet GLP and GMP regulations for ultimate FDA approval for use in humans.

0603764A Medical Chemical Defense Life Support (H);X-8-03;
Includes civilian and military manpower authorizations and related costs as applicable. Provides funds to develop industrial manufacturing base for production of large standard lots of pharmaceutical grade compounds having potential as antidotes, prophylaxes, therapeutics, pretreatment, decontamination and radioprotective compounds. Initial start will be for production of potential cyanide and nerve agent antidotes. No US industrial base for manufacturing such compounds exists because no nonmilitary requirements exist. Large pharmaceutical grade standard lots are necessary so that all studies meet GLP and GMP requirements for ultimate FDA approval.

0603766A Tactical Electronic Surveillance System - Adv Dev;X-93-4;;
Includes military and civilian manpower authorizations and related costs.

This program element supports advanced development (RDTE) directed at meeting the deep intelligence and targeting needs, and supporting Air Land Battle tactics of tactical commanders. Developments conducted under the Army's Tactical Exploitation of National Capabilities (TENCAP) program are designed to shorten the time required to collect intelligence from various sources and disseminate it directly to the tactical command and control environment to influence field operations. The scope of the program is to identify and/or refine initial design concepts and to provide advanced development through prototype fabrication and testing. The systems and studies in this program provide for the development of national information collection interfaces which is not otherwise obtainable for tactical operations. Specific developments include classified studies, development and support to the Electronic Processing and Dissemination System (EPDS) Family of Systems, i.e., Enhanced Tactical Users Terminal, Mobile Integrated Tactical Terminal.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0603767A Combat Service Support Control System (H);X-8-03;
Includes civilian and military manpower authorizations and related costs as applicable. RDT&E funds to provide: (1) the combat service support battlefield functional area (BFA) with the capability to process and analyze data for internal, functional command and control purpose; (2) an element of the force organization's command and control network by sharing selected information with the other control systems; and (3) key command related information to support the force commander's decision process. The specific objective is to provide development of the CSS Control System to assist the commander in the execution of his administrative and logistic support responsibilities by acquiring and processing admin/log support information relative to all elements that support the force as defined in the Army Battlefield Interface Concept.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0603768A Balanced Technology Initiative (H);X-8-03;
Funds research on innovative concepts and methods of enhancing conventional defense capabilities, as well as research to facilitate restoration of the conventional defense technology base. Involves work in five thrust areas: (1) Smart Weapons, to include advanced sensor development and automatic target recognition; (2) Surveillance and BM/C3 Technologies, relevant to land, sea, and air warfare; (3) Anti-Tactical Missile Technologies, including electromagnetic launchers and projectiles; (4) Armor/Anti-Armor Technologies, such as advanced armor concepts and high-performance kinetic energy penetrators; and (5) High Power Microwaves, effects and test system component development.

Excludes military and civilian manpower and their related costs.

0603771A Industrial Preparedness Manufacturing Technology;X-95-1;
Includes research and development by the Army of technologies used in manufacturing processes.

0603772A Advanced Tactical Computer Science and Sensor Technology;X-95-3;;
Includes civilian and military manpower authorizations and related costs as applicable. The program provides or

advanced computer science technology and transfer to Army Tactical System developers in an integrated and usable fashion. Includes development and demonstration of software to the Army for distributed/secure systems capable of satisfying Army 21 needs. In support of battlefield distributed/disbursed systems, it provides for survivability and transfer of data among echelons. It provides for advanced artificial intelligence technology explorations aimed at tactical commanders assimilation of large amounts of data to assist them in planning, plan revision, and dissemination of orders. The program also addresses increased software productivity and availability of reusable software to alleviate software financial and personnel costs, in support of solutions to problems identified in Army Science Board, Defense Science Board, and other DOD software studies. All technology developed to be transferred to PMs and system developers by means of laboratory demonstrations, Army and ARPA test beds, field exercises, guidebooks and regulations to accelerate acquisition of tactical software systems.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0603774A Night Vision Systems Advanced Development;X-5-06;
Includes civilian and military manpower authorizations and related costs as applicable. The program takes generic night vision technology advanced development (6.3A) and applies it toward a specific night vision device application. This (6.3B) system advanced development program transitions the devices into full scale engineering development (6.4). Night vision device applications are for individual soldiers, anti-tank missile systems, and heliborne and combat vehicles.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0603775A Light Armored Vehicle/Weasel Evaluation (H);X-7-05;
Excludes military and civilian manpower authorizations and related costs.

The Weasel is a light tracked airportable armored vehicle developed by Porsche of Germany and manufactured in that country by Krupp. Powered by a ten cylinder 390hp multi-fuel engine it carries a crew of four and provides armor protection up to and including a 7.62mm small arms fire. The Weasel can be equipped with a 20mm cannon, or a TOW and may be configured in many different variations depending upon the mission. These potential configurations allow it to serve as an ambulance, resupply vehicle, recon vehicle, command post, or armored personnel carrier. The US Army is not supportive of this program for the following reasons: No current requirement exists for this vehicle; Earlier Army evaluations of the Weasel to fill a potential role as an infantry carrier provided unsatisfactory.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0603776A LONGBOW;;
Excludes military and civilian manpower authorizations and related costs.

Provides an adverse weather target acquisition and navigation capability for both the AH-64 and LHX helicopters.

Excludes military construction costs which are included in appropriate management and support elements in this

program.

0603777A Follow-On LANCE - Adv Dev (H);X-8-03;
This program funds a market survey, requirements determination and candidate selection process for the follow-on Lance.

Excludes military and civilian manpower authorizations and related costs and military construction costs.

0603778A MLRS Product Improvement Program;X-93-1;;
Includes civilian and military manpower and related costs, beginning in FY 1994, specifically identified and measurable to the engineering and development of an Extended Range Rocket (ERR) for the Multiple Launch Rocket System (MLRS). The rocket will enhance the capability of the existing MLRS by providing improvements in range, accuracy and effectiveness, and maneuver force safety (improved submunitions with lower dud rate).

Excludes military construction costs.

0603790A NATO Research and Development;X-6-02;
Includes civilian and military manpower authorizations and related costs as applicable, and RDT&E funds specifically for NATO cooperative R&D Projects in accordance with the following:

Each project must involve "joint participation by the United States and one or more other member nations of NATO under a Memorandum of Understanding (or other formal agreement)" to either "develop new conventional defense equipment and munitions; or modify existing military equipment to meet United States military requirements." Each project must enhance "the ongoing multinational effort to improve NATO'S conventional defense capabilities through the application of emerging technology."

The Secretary of Defense or his designees, the Deputy Secretary of Defense or Under Secretary of Defense for Research and Engineering will approve all proposed NATO Cooperative R&D Projects in advance of concluding any joint participation agreement.

Funds for the projects "may not be used to procure equipment or services from any foreign government, foreign research organization or other foreign entity," e.g., funds are to be used in U.S. only.

Excludes military construction costs.

0603801A Aviation - Adv Dev;X-7-05;
Includes military and civilian manpower authorizations and related costs.

Program provides RDTE funds for advanced development for aviation support for tactical programs associated with Air Mobility Support and Joint Survivability Investigations. Specifically, advanced development is provided in the following aviation areas: Ground Support Equipment; Cargo Handling Equipment; Aviation Life Support Equipment; and the Army's portion (15 percent) to the Tri-Service Joint Aircraft Survivability Program. These efforts are directed at: Improving the survivability of aircraft in a nonnuclear threat environment; equipment and

operations improvements in loading and off-loading of helicopter cargo in all weather, round-the-clock combat scenarios; and improvements in the efficiency and survivability of the aircrews through new protective clothing ensemble, aviator masks and laser protective and microclimatic cooling devices.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0603802A Weapons and Munitions - Adv Dev;X-7-05;
Includes military and civilian manpower authorizations and related costs.

This program supports the design and development of both direct and indirect fire weapons and munitions. For indirect munitions, more effective propelling charges, munitions, and fuzing for field artillery and mortar systems are required to offset the advantages to range and numbers currently enjoyed by Warsaw Pact artillery and armor forces. A principal objective is to develop improved approaches to cannon propelling charge and projectile design that will provide significantly increased lethality and range capability and enable US artillery to compete with and survive against Warsaw Pact forces. Projects to accomplish this include new modular propelling charges and an extended range improved conventional munition (ICM) 155mm projectile. It also evaluates improvements to enhance the capability of current munitions in urban environments. A common infrared seeker program will continue developmental efforts on two-color (2CIR) that was begun under Program Element 0604607A, Guided Anti-Armor Mortar Projectile, and will be supported by the FY 1986-88 program in PE 0604324A, Joint Tactical Missile System-Army. This project will provide proof of principle integration and firing demonstration of a gun-hardened 2CIR seeker for application initially to 155mm howitzer ammunition. The direct fire portion of the PE develops new and improvements to existing individual soldier weapons ranging from hand guns through rifles, grenade launchers, shot guns and machine guns -- through improvements in sighting systems, ammunition, fire control for day and night engagements and new designs for small arms construction.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0603803A Chemical Systems - Adv Dev;X-7-05;
Excludes military and civilian manpower authorizations and related costs.

Program provides RDTE funds for the Advanced Development of chemical agents for all the services. This program supports the urgent need to modernize the current chemical weapons stockpile to reestablish a credible deterrent to chemical warfare. Incapacitating chemical agents will also be developed to provide both a deterrent capability and an option for a limited retaliatory response without having to resort immediately to lethal chemical agents. Improved chemical munitions are needed which will reach all battlefield targets, especially the mid to deep range targets. This program contains two projects devoted to development of lethal and incapacitating chemical agent munitions.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0603804A Logistics and Engineer Equipment - Adv Dev;X-7-05;
Includes military and civilian manpower authorizations and related costs.

This program supports advanced development of technology to field new and improved combat support and combat service support equipment essential to sustaining combat operations. Programs encompass tactical rigid-wall shelters, environmental control equipment, microclimatic cooling system components, materials handling equipment, water and petroleum distribution systems, containers, marine craft, water purification, tactical bridging and other combat engineer equipment. This program also funds low voltage power sources and high energy density (long life) batteries, electric power generators, power conditioners, controls, airdrop equipment, techniques to reduce airdrop aircraft vulnerability and camouflage.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0603805A Combat Service Support Control System Evaluation and Analysis;X-95-3;;
Excludes military and civilian manpower authorizations and related costs.

This program exploits advances in technology to improve battlefield communications and information processing. Work is being performed in several communications areas including fiber optics, millimeter wave, microwave, very high frequency (VHF), and high frequency (HF) radios; tactical antennas; and electronic counter-countermeasure devices. The information processing area is directed to the Combat Service Support Computer System (CSSCS) development needed for battle planning and decision making during combat operations. The CSS Control System must be available by the late 1980's to coincide with the introduction of automation in all battlefield functional areas of the Army Command and Control System (ACCS).

Excludes military construction costs which are included in appropriate management and support elements in this program.

0603806A NBC Defense System-Adv Dev;X-92-4;;
Includes military and civilian manpower authorizations and related costs.

Program provides RDTE funds for advanced development of chemical detection and warning systems, individual and collective protection systems, decontamination systems, and provides a technical cell of expertise for NBC survivability criteria and assistance to major equipment development commands. This program supports the urgent need to provide all Services with detection and warning systems to alert individuals and combat units to the presence of chemical, biological and toxin agents, and defensive materiel to protect and decontaminate individuals and equipment from threat chemical-biological agents. This program contains six projects devoted to chemical and biological defense RDTE.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0603807A Medical Systems - Adv Dev;X-7-05;
Includes military and civilian manpower authorizations and related costs.

This program funds research on the advanced development of systems related to medical protection against naturally occurring diseases and biological warfare attacks. This includes development and initial human testing of vaccines, arthropod vector repellents, and prophylactic and therapeutic drugs. Research also involves rapid

identification/diagnostic systems for disease and biological warfare agents. This program supports the Army's research in biotechnology. In addition, this program element supports advanced development to field new and improved medical equipment essential for combat casualty care in a high intensity battlefield. Systems development has the objective of reducing logistical support requirements through the use of advanced technology. Systems include resuscitation, blood substitutes, field x-ray, and field production of medical grade water and oxygen. Requirements for this program element have been identified in Battlefield Development Plans, Combat Support and Combat Service Support Mission Area Analysis, and Joint Services Operational Requirements.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0603808A Classified Program;X-8-03;
Includes costs specifically identified and measurable to special classified projects for which information on resources will be provided only on a "need-to-know" basis to authorized personnel identified on a special access list.

Excludes military and civilian manpower authorizations and related costs and military construction costs.

0603809A TRACTOR TIRE;X-8-03;
Includes costs specifically identified and measurable to special classified projects for which information on resources will be provided only on a "need-to-know" basis to authorized personnel identified on a special access list.

Excludes military and civilian manpower authorizations and related costs and military construction costs.

0603810A Advanced Missile System-Heavy;X-9-03;
This program will incorporate technology developed in the medium and heavy variants of the Advanced Anti-tank Weapons System(AAWS). Analyses will consider how to maximize technology transfer among such components as the propellant, Laser Beam Rider receivers, Focal Plane Arrays as well as other common technologies. A Fire & Forget seeker effort may involve either an adaptation of the AAWS-M Focal Plane Array Seeker or the adoption of an improved scanning device. The candidate seeker will be mated with a GFE missile for a flight test. Data from the flight should provide enough information for a Milestone II decision in the 4th quarter of FY 90.

Excludes military and civilian manpower authorizations and related costs and military construction costs.

0603811A Meteorological Data Systems;X-0-06;
Includes civilian and military manpower authorizations and related costs as applicable. Includes advanced development support equipment and systems for observations and other data of the atmosphere required for effective planning and conduct of Army combat operations. These data are of particular significance for artillery ballistic computations, sound ranging, nuclear fallout prediction, CB defense, helicopter operational activities, severe storm warnings and ground mobility pre- diction. Currently included equipment and systems are 1) the meteorological data system, and its associated hydrogen generator and meteorological balloon systems, to provide atmospheric soundings every two hours to 60,000 feet for wind, temperature and humidity measure- ments to support

artillery fire; winds to 100,000 feet for nuclear fallout prediction; and for other uses; 2) a radiosound device capable of transporting grid (or location data) to the meteorological data system using the global positioning system as a known transmission source; and 3) a hand-held device to measure slant path visibility and cloud height in tactical situations to improve the effectiveness of tactical systems using electro-optical sensing devices. Excludes military construction costs which are included in appropriate management and support elements in this program.

0603812A Unmanned Aerial Vehicle Payload (H);X-92-4;;
Includes civilian and military manpower authorizations and related costs as applicable. The non-lethal UAV is a small, unmanned, auto- matically piloted (remotely/preprogrammed), highly survivable flying vehicle system used for missions such as reconnaissance, surveillance, target acquisition, and data relay. Excludes military construction costs which are included in appropriate management and support elements in this program.

0603813A TRACTOR PULL;X-91-2;
Includes costs specifically identified and measurable to special classified projects for which information on resources will be provided only on a "need to know" basis to authorized personnel identified on a special access list.

Excludes military and civilian manpower authorizations and related costs and military construction costs.

0603831A Classified Programs;;;

0603851A TRACTOR CAGE (Dem/Val);X-94-6;;
Includes military and civilian manpower and related costs. This is a special access program. Details will be provided on a need to know basis to authorized personnel on a special access list.

Excludes military construction costs.

0603852A Suite of Survivability Enhancement Systems (Dem/Val);X-94-6;;
Includes civilian and military manpower authorizations and related costs as applicable. Includes funds for development of a Suite of Survivability Enhancement Systems (SSES) that will improve ground vehicle munitions. Program develops warning receivers and countermeasures applications compatible with currently fielded systems. Components developed under this program will be horizontally integrable across the fleet of ground platforms.

Excludes military construction.

0603854A Artillery Systems - Dem/Val;X-95-3;;
Resources the demonstration/validation process of advanced field artillery systems.

0603866A Tactical Exploitation of National Capabilities - Dem/Val (TIARA);X-95-3;;

Excludes military and civilian manpower authorizations and related costs.

This program element supports the demonstration and vailidation phase directed at meeting the deep intelligence and targeting needs, and supporting Air Land Battle tactics of tactical commanders. Developments conducted under the Army's Tactical Exploitation of National Capabilities (TENCAP) program are designed to shorten the time required to collect intelligence from various sources and disseminate it directly to the tactical command and control environment to influence field operations. Engineering development work is directed toward developing a tactical support system to receive, process, and disseminate information from multiple sources which locate enemy units, activity, and targets representing a general tactical threat. Systems developed will be the primary source of information on enemy second-echelon forces, which is essential to the tactical commander. Specific projects include classified studies/developments and development and support to the family of systems within the Electronic Processing and Dissemination System (EPDS),i.e., Enhanced Tactical Users Terminal (ETUT), Mobile Integrated Tactical Terminal and future objective systems.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0603889A Counterdrug RDT&E Projects;X-94-2;;
Captures all counterdrug advanced development costs not associated with a counterdrug-unique PE and specifically identified and measurable against other active counterdrug programs.

Includes advanced development efforts to translate technology into technical and operational prototypes suitable for field evaluations. Efforts include both non- systems and systems technology developments. May also be used for demand reduction development efforts. Only projects approved by the Secretary of Defense and supported by the transfer appropriation will be included.

0603899A R&D Future Options (H);X-9-01;
Includes RDT&E funds to provide programming flexibility in the outyears (BFY+1 out). This element will be allocated to fund advanced development programs as they become identified.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604018A TRACTOR TREAD;X-94-6;;
Includes military and civilian manpower and related costs. This is a special access program. Details will be provided on a need to know basis to personnel on a special access list.

Excludes military construction costs.

0604201A Aircraft Avionics;X-0-06;
Includes civilian and military manpower authorizations and related costs as applicable. Includes integration and testing of a microwave landing system (MLS) that will allow for safe,instrumented approaches and landings in rear areas. The MLS also will provide for civil, military and NATO interoperability. Also included are: standardization

of all mission planning stations; an improved high frequency radio to provide non-line-of-sight voice and low speed data transmission compatible with ground links; and a current technology, single line replaceable unit doppler and improvements in accuracy, reliability and reductions in space/weight and power. Excludes military construction costs which are included in appropriate management and support elements in this program.

0604202A Aircraft Weapons;X-80-002;
Includes civilian and military manpower authorizations and related costs as applicable. Includes RDTE funds to develop and test new aircraft weapon subsystems including rockets and missile subsystems. Major considerations are made in minimizing aircraft performance degradation by installation of these systems.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0604203A Aerial Scout (H);X-2-004;
Includes civilian and military manpower authorizations and related costs as applicable. Includes RDTE funds to develop an advanced aerial scout helicopter which can acquire targets and designate them to an attack helicopter or other weapon system for destruction. The aerial scout helicopter is expected to operate primarily in a mid-intensity environment; fly nap-of-the-earth, at night, or in adverse weather; and be agile, survivable, and have performance characteristics compatible with the AAH.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0604204A Air Mobility Support Equipment (H);X-8-03;
Includes civilian and military manpower authorizations and related costs as applicable. Includes RDTE funds to develop items of equipment, excluding aircraft, that support the air mobility concept of the Army. Specific areas include airdrop equipment, helicopter internal and external cargo handling materiel/systems, aircraft maintenance and servicing equipment, aircraft subsystems and components, automatic diagnostic, inspection, and prognostic system for Army helicopters, and operational flight training systems for Army helicopters.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0604205A Tactical Transport Aircraft (CV-7A) (H);;

0604206A UH-60 BLACKHAWK (H);X-9-01;
Includes civilian and military manpower authorizations and related costs as applicable. Supports the Army's air mobility doctrine for employment of land forces in the 1980's. Adaptable to all intensities of conflict, in geographical and environmental conditions ranging from Europe to the Middle East, BLACK HAWK provides the mobility necessary to rapidly mass, disperse, and recycle forces and equipment/weapons. This significant combat multiplier enhances the capability and flexibility of land forces to successfully accomplish missions of the modern

battlefield.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0604207A Advanced Attack Helicopter;X-8-03;
Includes civilian and military manpower authorizations and related costs as applicable. Includes RDTE funds to develop an advanced attack helicopter capable of defeating tanks, providing quickly responsive aerial fires as an integral element of the ground forces, and capable of performing its mission at night and under adverse weather conditions.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0604208A Aircraft Weapons Fire Control (H);;
Includes RDT&E funds to develop and test fire control subsystems of advanced design for use on Army aircraft. The parameters of fire controls, such as sighting, ranging, weapon and sensor interface and stabilization, are examined and integrated by utilizing hardware components to develop a day, night, all-weather fire control capability.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604209A Aircraft Survivability Equipment (H);X-78-003;
Includes RDT&E funds to conduct engineering development on advanced equipment to produce new subsystems and components to improve the survivability of aircraft and crew members. Items such as aircraft crashworthy fuel systems, ballistic protective materials, fire suppressant void filler foam, crashworthy seats, protective body armor, and survival kits are developed in this element.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604210A Advanced Attack Helicopter Evaluation (H);;

0604211A Aerial STANO Systems (H);;

0604212A COBRA TOW (H);X-7-05;
Includes civilian and military manpower authorizations and related costs as applicable. Includes funds to provide the Army with an anti-tank, guided missile system for the AH-1G COBRA. The program involves two combat-proven

systems, i.e., the AH-1G, which will undergo retrofit, and the Tube Launched, Optically Tracked, Wire Guided Missile system (TOW). The modified AH-1G has been redesignated by AH-1S and consists of four subsystems: (1) Airframe and engine; (2) M97 turret subsystem (20mm gun); (3) airborne TOW missile system; and (4) head-up display system for pilot.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0604213A CH-47 Modernization (H);X-5-01;
Includes civilian and military manpower authorizations and related costs as applicable. Includes RDTE funds. In order for the CH-47 (CHINOOK) medium-lift helicopter fleet to meet the Army medium-lift requirement in the 1980s and beyond the year 2000, modernization of the existing inventory is necessary. The objective of the program is to improve the performace, operational productivity, maintainability, reliability, survivability, and safety of CH-47 helicopters while reducing operating costs.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0604215A UH-1 Modernization (H);X-5-01;
Includes civilian and military manpower authorizations and related costs as applicable. This program element provides for engineering development of critical aircraft components necessary for extended service life. Composite rotors, flight controls, propulsion, drive train, and other essential vehicle improvements will be made to provide acceptable performance and mission capabilities for the UH-1 aircraft.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0604216A Aircraft Propulsion System;X-1-005;
Includes civilian and military manpower authorizations and related costs as applicable. Includes RDTE funds to develop aircraft propulsion systems - both engines and drive trains - and associated components and accessories which are common to more than one air vehicle.

Excludes military construction costs, which are included in appropriate management and support elements in this program.

0604217A Synthetic Flight Training Systems (SFTS) (H);X-8-03;
Includes civilian and military manpower authorizations and related costs as applicable. This program develops high-fidelity operational flight weapons subsystem, and mission environment helicopter to support initial entry rotary-wing training and combat operational training. The goal is to provide realistic and cost effective training by producing simulation of the combat environment for tactical flight, to include nap-of-the-earth (NOE), weapons engagement, and enemy interaction. The simulators are used to complement the training accomplished in actual helicopters during formal courses of instruction and for maintenance of combat readiness for rated aviators. This program element will develop the prototype combat mission simulator for AAH 64 pilot training.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0604218A Airdrop Equipment Development (H);X-8-03;
Includes civilian and military manpower authorizations and related costs as applicable. Includes RDTE funds to develop items of equipment (excluding aircraft), components and systems that support airdrop operations of personnel and equipment from U.S. Air Force aircraft, U.S. Army aircraft, and applicable aircraft from other Services and government agencies. Specific areas included are personnel, cargo, and extraction parachutes, extraction systems, energy dissipators, airdrop platforms, sling lines and devices for rigging equipment loads; sensing devices for deployment of recovery systems/parachutes, cargo airdrop containers, load tie-down equipment, parachute harness and lowering lines/devices, static lines, and support equipment for rigging and packing operations. Design and development efforts required to interface with the development of other Service airlift aircraft are also included. Provides air transportability engineering assistance to materiel developers for interface with USAF Airlift Aircraft.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0604220A Armed, Deployable OH-58D;X-0-06;
The Armed Army Helicopter Improvement Program (AHIP) is a modification of the existing AHIP (OH-58D) helicopter, which is designated as a close combat, aerial reconnaissance, intelligence-gathering, surveillance, and target acquisition/designation system. The fully armed configura- tion includes Air-to-Air Stinger (ATAS) and Air-To-Ground (ATG) weapons. The ATAS has been a program requirement from the initiation of AHIP to provide a self-defense capability against airborne threats. The ATG weapons capability is proposed to provide defense against ground threats and to service urgent targets. Included are HELLFIRE, Hydra 70 rockets, and a .50 caliber machine gun. The fully armed scout aircraft will be used in armed air cavalry reconnaissance units and attack helicopter companies of the Light Divisions through modification of AHIP OH-58D helicopters. The Multipurpose Light Helicopter (MPLH) is required to meet the Operational Needs Statement (ONS) of the 82nd Airborne Divi- sion. The MPLH mission flexible/multi-role components will consist of cargo hook, medical evacuation (litter provision), troop transport, and rapid deployment provisions.

Excludes military and civilian manpower authorizations and related costs and military construction costs.

0604221A AN/UPD-7 Surveillance System (H);X-5-01;
Includes civilian and military manpower authorizations and costs as applicable. Includes RDTE funds to provide electronically scanning (E-SCAN) of the AN/APS-94F. Sidelooking Airborne Radar (SLAR) mounted on the OV-1D MOHAWK aircraft. The E-SCAN SLAR sensor will provide a moving target indicator (MTI) and fixed target indicator (FTI) capability out to 180 kilometers from the aircraft. This improvement provides coverage of both Division and Corps area of influence and thus gives the tactical ground commander an accurate look at the opposing forces.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0604222A Joint Service R/W Aircraft Development (JVX) (H);X-5-01;

This program element supports the engineering development of a new aircraft to meet the Army's needs for an airframe capable of meeting all Army airborne intelligence and electronic warfare mission (IEW) requirements through the corps area of interest beyond 1990. This aircraft must be capable of: conducting continuous operations in any threat environment while achieving an acceptable degree of survivability; responding in an operational configuration to global contingencies; being capable of carrying IEW subsystems in either single or multi-mission configurations; and operating from expedient instrumented landing sites vice corps airfields. This portion of the program supports the continued engineering development of the airframe (transition from 0603222A, SEMA-X) and is closely coordinated with the tactical cryptologic program (NSA) development of the SIGINT mission equipment which will be integrated during the final stages of engineering development.

Includes civilian and military manpower authorizations and related costs as applicable but excludes military construction costs which are included in appropriate management and support elements in this program.

0604223A Comanche;X-92-5;;

Includes civilian and military manpower authorizations and related costs as applicable. The Advanced Technology Light Helicopter Series (ATLHS) consists of scout, attack, and utility versions employing advanced technology to provide a battlefield capability for the 1990's. The ATLHS will exploit advanced technology to provide a significant improvement in weight, cost, battlefield sustainability, deployability, target servicing rate, adverse weather operations, training, and skill levels. The ATLHS will combine low observables, performance, advance weapons, countermeasures, and fleet mix complementing the existing AH-64/UH-60 helicopters to produce the most suitable capability for the 1990's.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0604224A Advanced Cargo Helicopter;X-92-4;;

Includes funds, beginning in FY99, specifically identified and measurable to the development and integration of an Advanced Cargo Helicopter. Combat doctrine and force structure changes brought about by Army of Excellence (AOE) initiatives and Airland battle doctrine require a cargo helicopter with increased range and increased survivability over current Army cargo aircraft.

Excludes minor construction and manpower authorizations and related costs.

0604256A Threat Simulator Development;X-93-2;;

Includes funding for the development, acquisition and sustainment of actual threat systems, realistic threat simulators and simulators representing threat systems for the portrayal of a realistic threat environment during testing of weapons systems.

0604258A Target Systems Development;X-93-2;;

Includes funding for the development of realistic surrogate or acquired targets to support test and evaluation and training on current and future weapons systems. Also includes funding to support acquisition and sustainment of targets for development test and evaluation efforts of weapons systems.

0604268A Aircraft Engine Component Improvement Program (H);X-8-03;

Includes civilian and military manpower authorizations and related cost as applicable for continuing improvements in aircraft engines encompassing the areas of reliability, maintainability, durability and the correction of service revealed deficiencies. This effort is essential to enhance the time between overhauls and foster a general reduction in maintenance manhours and resources required to sustain aircraft engines in service. The purpose of this program is to fix those problems detected after the engine has demonstrated production suitability following acceptance of the first procurement-funded aircraft.

0604270A EW Development;X-8-03;

This program includes military and civilian manpower and related costs and funds full scale development of protective EW equipment for ground vehicles, troops and installations. Aircraft survivability equipment is also developed in this program.

Excludes military construction costs.

0604301A NIKE-X (H);;

0604302A Air Defense Control and Coordination System (H);X-78-003;

Includes RDT&E funds for a micro-miniaturized Air Defense Control and Coordination System AN/TSQ-73 which will replace the presently fielded AN/MSG-4 System. It is to be TACS/TAD compatible and will fulfill C(3) requirements for improved HAWK, NIKE-HERCULES, and SAM-D.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604303A Missile Effectiveness Evaluation (H);;

0604304A NIKE-ZEUS Testing (H);;

0604305A Forward Area Air Systems (MAULER) (H);;

0604306A STINGER (H);X-80-002;

Includes civilian and military manpower authorizations and related costs as applicable. Includes RDTE funds to develop, test, and evaluate a manportable, surface-to-air, guided missile system to replace REDEYE. STINGER is a lightweight shoulder-fired missile which is a self defense air defense weapon system. It counters enemy low altitude, high speed tactical aircraft and helicopter threats to company sized units operating near the forward edge of the battle area.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0604307A PATRIOT Air Defense Missile System (H);X-9-01;
Includes civilian and military manpower authorizations and related costs as applicable. Includes RDTE funds for a surface-to-air missile system to replace improved HAWK and NIKE-HERCULES. Developmental tests on the system are rapidly drawing to a close and facilitization for production has been initiated. PATRIOT will be able to handle multiple targets in a heavy ECM environment.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0604308A Precision Laser Designators (H);X-2-001;
Includes civilian and military manpower authorizations and related costs as applicable. Includes RDTE to provide for the engineering development of precision laser designators for the Cannon-Launched Guided Projectile (CLGP) and the Heliborne Launched Fire and Forget (HELLFIRE) missile system. These precision laser designators will provide precise target illumination for terminal homing systems to accurately attack discrete, point, surface targets such as tanks, armored personnel carriers, or bunkers and field fortifications.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0604309A ROLAND (H);X-4-02;
Includes civilian and military manpower authorizations and related costs as applicable. Includes RDTE funds for the technology transfer, fabrication, and testing of the French/German designed ROLAND II all-weather short range air defense (SHORAD) system. A US ROLAND system has been fabricated and is being tested. Subsequently, a US production base will produce US ROLAND to fill the Army's need for an all-weather SHORAD system to defend critical assets in the Corps rear areas against low altitude, high performance aircraft.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0604310A Heliborne Missile - HELLFIRE (H);X-80-002;
Includes civilian and military manpower authorizations and related costs as applicable. Includes the engineering development of a Heliborne Missile System - HELLFIRE (laser) conducted to fulfill the Army's requirement for an advanced anti-armor system. Other advanced terminal homing modular seekers will be developed for the missile.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0604311A PERSHING II (H);X-8-03;

Includes civilian and military manpower authorizations and related costs as applicable. Includes the development of the PERSHING II (PII) system in answer to SACEUR's expressed need for a land mobile, surface-to-surface missile system incorporating high accuracy and immediate responsiveness for the JCS/NATO Quick Reaction Alert role. The system's accuracy characteristics, together with the use of low yield warheads, will permit the required effectiveness to be achieved and at the same time reduce the anticipated collateral damage. PII will result from an evolutionary development of the fielded PERSHING system. It will incorporate the latest technology in terminal guidance to provide the required accuracy. Upgrading of the ground support equipment to newer technology will reduce brigade personnel and vehicles.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0604312A High Mobility Artillery Rocket System/MLRS (HIMARS);X-92-4;;
Includes RDTE funds and civilian and military manpower authorizations and related costs, beginning in FY95, specifically identified and measurable to development of a High Mobility Artillery Rocket System. HIMARS is required to support/supplement other multiple launch rocket systems (MLRS) and artillery systems. HIMARS will be an indirect fire, single or multiple launch system capable of delivering the entire MLRS family of munitions. It will be readily deployed to worldwide contingencies and interoperable with existing MLRS and artillery systems.

Excludes minor construction and associated costs.

0604313A GRASS BLADE (H);X-80-002;
Program content is SECRET, "CLOSE HOLD", Special Access Required. Includes civilian and military manpower authorizations and related costs as applicable.

0604314A FAADS IR Search/Track;X-0-06;
Includes civilian and military manpower authorizations and related costs as applicable. Provides for full scale development of an Infra- Red Search and Track Sensor to passively detect, acquire and track helicopters and fixed wing aircraft. The Infra-Red Search and Track Sensor will be designed to perform its functions in all battlefield environments with special emphasis on terrain IR clutter. The first application of the IRS&T will be on the FAAD LOS-F-H system to replace its radar. Excludes military construction costs which are included in appropriate management and support elements in this program.

0604315A Tri-Service Standoff Attack Missile;X-93-1;;
Includes funds specifically identified and measurable to engineering development of the Tri-Service Standoff Attack Missile (TSSAM), beginning in FY 1994. TSSAM is a low observable conventional standoff cruise missile capable of air and ground launched employment. The air launched system (AGM-137) is being developed for employment from Air Force and Navy fighter and bomber aircraft. The ground launched version (MGM-137) is being developed for employment from the Army's Multiple Launch Rocket System (MLRS). The Air Force is the lead Service for the overall program.

Excludes military and civilian manpower and related costs and military construction costs.

0604316A Fire and Forget - HELLFIRE (H);X-3-03;

Includes civilian and military manpower authorizations and related costs as applicable. Includes RDTE funds for full-scale development of a Fire and Forget, terminally-guided, missile system to defeat armored or other vehicles or hard point targets radiating infrared energy during day and night operations. Included among the efforts will be an infrared seeker and guidance design, fabrication of prototypes, integration into the HELLFIRE missile system, and test and evaluation of the system.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0604318A Division Air Defense (DIVAD) Gun (H);X-6-05;
Includes civilian and military manpower authorizations and related costs as applicable. Includes RDTE funds to complete ILS and RAM enhancement. System is a 40mm twin barrelled gun mounted on a M48A5 tank chassis. It incorporated a sophisticated fire control system with a search and track radar. The system, when fielded, will replace the VULCAN air defense gun system, thereby significantly improving the all-weather capability of air defense in the forward combat areas.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0604321A All Source Analysis System ;X-1-005;
Includes funds to support the battlefield exploitation and target acquisition (BETA) and Tactical Fusion Division (TFD) projects to combine with related Army projects and form the Joint Tactical Fusion program. The Air Force configuration of the system to be developed in this joint effort will be the Automated Tactical Fusion Division (ATFD). The objective of this program is to develop and field the ATFD which will correlate and aggregate multi-source sensor data; provide precise location of opposing force structures; and provide ground battle situation displays to support the Tactical Air Control Centers.

0604323A High Technology Motorized Division (H);X-8-03;
Includes civilian and military manpower authorizations and related costs as applicable.

The Towed CHAPARRAL is being developed to provide a highly deployable, mobile and flexible short range air defense missile system to support the airborne, air assault and light infantry divisions. The light divisions currently have the self-propelled CHAPARRAL which is too heavy and bulky in terms of strategic and tactical airlift. The airborne and air assault divisions do not have CHAPPARAL as the self-propelled version is too heavy and bulky for their use. The light, towed version of CHAPARRAL will provide the light divisions required air defense protection to allow these forces to be deployed to and operate anywhere in the world.

0604324A Army Tactical Missile System (Army TACMS);X-5-10;
Includes civilian and military manpower authorizations and related costs as applicable. The objective of this program is to develop a battlefield attack missile providing the Army corps commander the military capability to implement the deep battle part of air land battle doctrine.

Excludes military construction costs, which are included in appropriate management and support elements in this

program.

0604325A Advanced Missile System-Heavy;X-0-06;
Includes civilian and military manpower authorizations and related costs as applicable. Provides funds to perform engineering development for a TOW 2 follow-on replacement for anti-armor capability of the M2/M3 Bradley Fighting Vehicles and TOW HMMWV. The program will consider how to maximize technology transfer among existing anti-armor missile systems such as the TOW, AAWS-M and LOSAT. Excludes military construction costs which are included in appropriate management and support elements in this program.

0604326A TRACTOR DIRT;X-0-06;
Includes military and civilian manpower and related costs. This is a special access program. Details will be provided on a need to know basis to authorized personnel on a special access list. Excludes military construction costs.

0604327A TRACTOR HOLE (H);X-92-4;;
Includes military and civilian manpower and related costs. This is a special access program. Details will be provided on a need to know basis to authorized personnel on a special access list. Excludes military construction costs.

0604328A TRACTOR CAGE;X-94-6;;
Includes military and civilian manpower and related costs. This is a special access program. Details will be provided on a need to know basis to authorized personnel on a special access list. Excludes military construction costs.

0604601A Infantry Support Weapons;X-0-06;
Includes civilian and military manpower authorizations and related costs as applicable. Includes RDT&E funds for the development of man- portable weapon systems, to include the associated service equipment. Excludes military construction costs which are included in appropriate management and support elements in this program.

0604602A Weapons and Ammunition (H);X-80-004;
Includes civilian and military manpower authorizations and related costs as applicable. Includes RDTE funds to develop weapons, ammunition, fuzes, and fire control equipment providing increased lethality, accuracy, range, reliability, and speed in delivering fires. The program consists of engineering development projects for tank ammunition, infantry munitions, and artillery fuzes.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0604603A Nuclear Munitions - Eng Dev;X-9-03;

Includes civilian and military manpower authorizations and related costs as applicable.

This program element supports development of the improved 155mm nuclear projectile. The mission of the Nonstrategic Nuclear Force (NSNF) is to deter both nuclear and conventional attack by enemy forces, and, should deterrence fail, to support the defense of the theater. The current 155mm Artillery Fired Atomic Projectile (AFAP) is based on 1950's technology and needs to be modernized to provide increased effectiveness, safety, and security. Numerous comprehensive analyses by the Army, Office of the Secretary of Defense, Department of Energy, the Defense Science Board, and Supreme Allied Commander Europe (SACEUR) have concluded that both a modern 8-inch AFAP and a modern 155mm AFAP are essential to a credible battlefield nuclear capability. The end of production of the modernized 8-inch nuclear projectile occurred in FY 1986. Additionally, development of the Survivability Overpack Container (SOC) to protect our AFAPs is critical. The threat to these weapons exists throughout the stockpile to target sequence, in peacetime, transition-to-war and wartime.

Excludes military construction costs which are identified in appropriate management and support elements in this program.

0604604A Medium Tactical Vehicles;X-8-03;
Includes RDT&E funds to develop tactical vehicles for the Army's wheeled fleet and major automotive components.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604605A Field Artillery Weapons and Ammunition, 105mm (H);X-80-004;
Includes civilian and military manpower authorizations and related costs as applicable. Includes RDTE funds to develop 105mm field artillery weapons and ammunition with increased lethality, accuracy, range, reliability, and speed in delivery of fires.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0604606A Explosive Demolitions (H);X-80-004;
Includes civilian and military manpower authorizations and related costs as applicable. Includes RDTE funds to provide firing devices, explosives, demolition kits, and assessions to facilitiate advance of friendly troops and to impede enemy focus by explosive barriers.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0604607A Guided Anti-Armor Mortar Projectile;X-5-01;
Includes civilian and military manpower authorizations and related costs as applicable. Includes full-scale engineering development of a guided antiarmor mortar projectile (GAMP). GAMP will be fired from the standard heavy mortar without modification to the mortar itself. It will be a fire and forget projectile which utilizes passive target signature characteristics (infrared) to accomplish target acquisition and guidance. It will home in on the

signature to destroy armored targets.

Excludes miitary construction costs which are included in appropriate management and support elements in this program.

0604608A Infantry Weapons and Ammunition (H);X-8-03;
Includes civilian and military manpower authorizations and related costs as applicable. Includes RDT&E funds to design and develop more reliable weapons and munitions with increased range, greater accuracy, higher rates of fire, and improved lethality. The program consists of engineering development projects in infantry weapons and munitions.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0604609A Smoke, Obscurant and Target Defeating Sys-Eng Dev;X-92-4;;
Includes civilian and military manpower authorizations and related costs as applicable. Includes RDTE funds to develop new and more effective riot control agents, devices, munitions and delivery and dissemination methods for tactical use and for controlling civil disturbances.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0604610A Lethal Chemical Munitions (H);X-8-03;
Includes civilian and military manpower authorizations and related costs as applicable. Includes RDTE funds to develop new binary lethal agent weapon systems and equipment for the Army and for other Services when use is in common.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0604611A JAVELIN;X-92-4;;
Includes civilian and military manpower and associated costs.

This program provides for the engineering development of the Advanced Antitank Weapon System-Medium (AAWS-M). The infantry must have the capability of defeating the increasingly sophisticated armor of threat armored vehicles of the 1990s. The current medium range antitank system, DRAGON, is deficient in many areas, including accuracy, lethality, range and gunner survivability. The AAWS-M corrects these deficiencies and will provide the required capabilities for a medium range, manportable, antitank system. The object of this program is to take the technology demonstrated and selected in the Technology Demonstration phase to a system ready for production. This will include synthesis of guidance, warhead, and countermeasures technologies, as well as improved optics, sighting and tracking for a limited or obscured visibility environment. The result will be a cost effective, highly capable, medium, antitank weapon system for service beginning in the early 1990s.

Excludes MCA costs.

0604612A Countermine and Barriers (H);X-8-03;
Includes civilian and military manpower authorizations and related costs as applicable. Includes RDTE funds to support the engineering development of a system of mutually supporting mine detection and neutralization devices to counter a wide variety of threat mines, across a spectrum of battlefield conditions and environments leading to type classifications and eventual adaption for field forces.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0604613A Incapacitating Chemical Munitions;X-5-10;
Includes civilian and military manpower authorizations and related costs as applicable. Includes RDTE funds to develop new and improved incapacitating chemical munitions for the Army and for other Services when use is in common.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0604614A Field Artillery Weapons and Ammunition, 155mm (H);X-80-002;
Includes civilian and military manpower authorizations and related costs as applicable. Includes RDTE funds to develop 155mm field artillery weapons and ammunition with increased lethality, accuracy, range, reliability, and speed in delivery of fires.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0604615A M60A1 Thermal Sight (H);X-80-004;
Includes civilian and military manpower authorizations and related costs as applicable. Includes RDTE funds to develop a thermal sight for use in the M60A1 main battle tank. The sight will provide the tank crew an improved and entirely passive capability of detecting, identifying, and engaging targets at night, where there is no ambient light, and during the day, where the target is obscured by weather, smoke, or dust.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0604616A Fighting Vehicle System (H);X-7-05;
Includes civilian and military manpower authorizations and related costs as applicable. Includes RDTE funds for the development, testing and evaluation of Infantry Fighting Vehicle (IFV) and the Cavalry Fighting Vehicle (CFV).

Excludes military construction costs which are included in appropriate management and support elements in this

program.

0604617A Vehicle Rapid Fire Weapons System - BUSHMASTER (H);X-2-001
Includes civilian and military manpower authorizations and related costs as applicable. Includes RDTE funds to develop a system which will serve as the primary armament on the Mechanized Infantry Combat Vehicle (MICV) XM723. The weapon will be a 20-30mm automatic weapon capable of firing ammunition of increased range and lethality. The system will incorporate a dual feed system to allow instantaneous selection of the most effective ammunition against an engaged target.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0604618A Armored Reconnaissance Scout Vehicle, XM800 (H);;
Includes RDT&E funds to develop a follow-on vehicle to the M114A1 command and reconaissance vehicle. The ARSV will be employed in armored cavalry regiments and in scout platoons of armor and infantry units. It will have a three-man crew, be inherently amphibious and air transportable by medium helicopter, and provide protection against artillery fragments and small arms fire. The primary armament for the ARSV will be the M139 weapons systems. The ARSV will also provide a significant increase in mobility over the M114A1, and will be used during day and night operations.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604619A Landmine Warfare;X-80-002;
Includes civilian and military manpower authorizations and related costs as applicable. Includes RDTE funds to provide a family of scatterable, self-destructing, anti-personnel, anti-tank/ anti-vehicles mines. These systems will supplement available hand and mechanically emplaced mines. All scatterable mines will incorporate a self-destruct feature assisting future friendly offensive operations and clearing of battlegrounds following the cessation of hostilities.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0604620A Tank Systems (H);X-7-05;
Includes civilian and military manpower authorizations and related costs as applicable. Includes RDTE funds. The XM1 tank will mount a large caliber main gun and two or more complementary armament systems with improved fire control and shoot-on-the-move capabilities. The XM1 tank will provide a significant improvement to the Army's offensive ground combat capability with its significantly improved ballisic protection, cross-country agility, and firepower. The XM1 will replace M60 series tanks in selected Active Army units.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0604621A COPPERHEAD (H);X-4-02;

Includes civilian and military manpower authorizations and related costs as applicable. Includes RDTE funds. The objective of this program element is to conduct engineering development of a 155mm cannon-launched guided projectile (CLGP) to provide the artillery the capability of achieving first-round hits against moving and stationary point targets. The projectile will be compatible with standard and developmental howitzers. The projectile has a semi-active laser seeker enabling it to home on reflected laser energy when the target is designated by a forward observer for approximately 10 seconds before impact.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0604622A Fanily of Heavy Tactical Vehicles;X-95-3;;
This program funds engineering development for the integration, test, and evaluation required to meet the Army's heavy wheeled tactical vehicle requirements.

Excludes military construction costs and military and civilian manpower authorizations and related costs which are not applicable.

0604623A Light Anti-Tank Weapon Testing and Evaluation (H);X-7-05;
Includes civilian and military manpower authorizations and related costs as applicable. Includes RDTE funds. The objective of this program element is to conduct engineering development of the Improved LAW as described in the Army Required Operation Capabilities document. The Improved LAW is a manportable, lightweight, anti-tank weapon designed to replace the current M72 LAW. It is an in-tube-burning rocket systems which provides significantly improved performance over the M72 LAW while retaining the M72 virtues of simplicity and cheapness. The Improved LAW is a last-ditch, anti-tank weapon which will be employed throughout the battle area to stop armor vehicles which have penetrated the long and mid-range anti-tank defense.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0604624A High Mobility Multipurpose Wheeled Vehicle (H);X-7-05;
Includes civilian and military manpower authorizations and related costs as applicable. Includes RDTE funds to fabricate, test and evaluate vehicles, either developed or in an advanced state of development, which will meet a variety of tri-service vehicle requirements in the combat support and combat service support roles. The Army's first priority is to provide a TOW carrier replacement for light infantry with derivative requirements to follow. Army, Air Force and Marine vehicle requirements in the 1/4 - 1-1/4 ton range are being met by this program.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0604625A Tank Systems (H);X-92-4;;
Includes civilian and military manpower authorizations and related costs, and RDT&E funds to initiate development and production prove- out for the Block III tank utilizing the newly developed common chassis, new armored applications, and the newly developed automatic armament system. The armored combat system developed and built

under this element will be prototype and subsequently put through developmental operational tests. Excludes military construction costs which are included in appropriate management and support elements in this program.

0604626A Fire Integration Support Team Vehicle (H);X-7-05;
Includes civilian and military manpower authorizations and related costs as applicable. This program integrates the Ground Laser Locator Designator (GLLD) into the elevated module (901) developed for the Improved TOW Vehicle (ITV). The M113A1 personnel carrier will serve as the transporting vehicle. When fielded, the vehicle will replace the 1/4-ton truck as the Fire Integration Support Team Vehicle which is organic to Direct Support Artillery Battalions of Mechanized and Armored Divisions.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0604627A Field Artillery Weapons and Ammunition, 8-inch (H);X-80-002;
Includes civilian and military manpower authorizations and related costs as applicable. Includes RDTE funds to develop 8-inch field artillery weapons and ammunition with increased lethality, accuracy, range, reliability, and speed in delivery of fires.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0604628A Indirect Fire Training Munitions (H);X-7-05;
Includes civilian and military manpower authorizations and related costs as applicable. This program element will support engineering development of low cost training ammuntion for 105mm,155mm, and 8-inch howitzers, as well as concrete-filled, plastic projectiles for the 60mm and 81mm mortars. These items will transition from advanced development in PE 0603628A. Work will include design, fabrication, and test of projectiles, and fuzing and packaging methods. DTII will be conducted for each item leading to type classification. When fielded, ammunition will generate annual procurement savings in excess of $20 million.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0604629A Cavalry Fighting Vehicle (H);X-80-004;
Includes civilian and military manpower authorizations and related costs as applicable. This program will provide a full-tracked, lightly-armored vehicle which provides scout sections and platoon leaders of the armored cavalry and scout platoons with protected cross-country mobility and vehicular-mounted firepower. Primary armament is the fully stabilized, 25mm automatic cannon. Secondary armament is the coaxially-mounted, 7.62mm machine gun and the tube-launched, optically-tracked, wire-guided missile system (TOW). The basic difference between the CFV and the Infantry Fighting Vehicle (IFV) is the crew size, requirements for vehicular and troop storage, and elimination of the firing port weapons.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0604630A Advanced Tank Canon;X-92-4;;
Includes civilian and military manpower authorizations and related costs applicable for the development of a variable 120mm to 155mm gun. This program also provides for the development of a family of 140mm ammunition to meet user requirements and for redesign of these components necessary to accommodate the gun and ammunition systems.

Excludes military construction costs.

0604631A Field Artillery Ammunition (H);X-8-03;
Includes civilian and military manpower authorizations and related costs as applicable. This project supports engineering development of Field Artillery Ammunition to provide increased lethality, range, accuracy, reliability and speed in delivering fires to offset the numerical advantage of the Warsaw Pact forces. Items include improved projectiles, propelling charges and improved conventional munitions for all calibers of artillery, as well as improved artillery fuzes which incorporate state-of-the-art technology. In addition, the program supports testing of ammunition items developed by other NATO nations to assess compatibility with US weapons.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0604632A 105mm Tank Ammunition;X-2-004;
Includes civilian and military manpower authorizations and related costs as applicable. Includes RDTE funds to develop ammunition and fuzes of increases range, accuracy, and lethality for the 105mm Tank Gun Systems. The program consists of engineering development projects for 105mm Tank service and practice ammunition and fuzes.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0604633A Air Traffic Control;X-0-09;
Includes civilian manpower authorizations. Includes development and test of new and replacement army air traffic control equipment.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0604639A Towed Field Artillery System Development;X-95-4;;
This program supports the Congressional directed joint Army and Marine Corps development of a new lightweight 155mm towed howitzer, the Advanced Towed Canon Artillery System (ATCAS). This program will finalize the selected howitzer and fire control design, validate manufacturing processes and evaluate the ATCAS. ATCAS is an ACATII program. It includes civilian and military manpower authorizations and related costs as applicable. It excludes minor construction costs.

0604640A Advanced Command and Control Vehicle (AC2V);X-92-4;;
Includes RDTE funds and civilian and military manpower authorizations and related costs, beginning in FY94, specifically identified and measurable to development and integration of a Future Command and Control Vehicle (AC2V). This program will provide a fully- tracked, armored vehicle that will ensure a mobile, responsive and survivable command and control capability for the heavy force. The AC2V will incorporate communications/electronics systems compatible with the Army tactical command and control systems and battalion and below command and control systems.

Excludes military construction costs.

0604641A Tactical Unmanned Ground Vehicle (TUGV);X-92-4;;
Includes RDTE funds and civilian and military manpower authorizations and related costs, beginning in FY94, specifically identified and measurable to a joint program with the U.S. Marine Corps to produce an unmanned system having the capability to conduct reconnaissance, surveillance, target acquisition and NBC detection for the Infantry battalion commander. The TUGV will also be used by the Military Intelligence, Engineer, Military Police, and Artillery units.

Excludes military construction and related costs.

0604642A Light Tactical Wheeled Vehicles;X-92-4;;
Includes civilian salaries, related costs and RDTE funds required for the procurement of prototype and test and evaluation of light tactical wheeled vehicles Vehicles in this program element generally have an off road cargo weight under 2-1/2 tons, such as the Commercial Utility Cargo Vehicle (CUCV). The Service Life Extension Program (SLEP) will also be managed under this Program Element.

Excludes military construction costs.

0604645A Armored Systems Modernization (ASM)-Eng. Dev.;X-0-06;
Includes civilian and military manpower authorizations and related costs and RDT&E funds to initiate development/production prove-out for the armored systems modernization program, including the chassis, the armored application, the infantry application, the artillery application and the combat engineer vehicle application. The combat systems developed under this element will be built to prototype and subsequently put through developmental and operational tests. Excludes military construction costs which are included in appropriate management and support elements in this program.

0604649A Engineer Mobility Equipment Development;X-92-4;;
Includes funding necessary for the engineering development of combat engineering mobility systems. This includes efforts for the development of an obstacle breaching vehicle and a heavy assault bridge.

Excludes military construction costs.

0604701A Communications Engineering Development (H);X-8-03;
Includes civilian and military manpower authorizations and related costs as applicable. Includes RDTE funds necessary for the engineering development of all Army strategic tactical communications equipments, except for satellite communications and tasks directed for accomplishment under TRI-TAC (Joint Tactical Communications Program). This program is divided into six projects covering strategic communications, tactical communications, special warfare communications, and developments supporting or common to more than one of these categories. Strategic communications developments support the Defense Communication System (DCS) in response to tasking from the Defense Communications Agency (DISA) and the telecomunications responsibilities assigned the U.S. Army Strategic Communications Command (USASTRATCOM). Tactical communications developments support the Army Tactical Communications System (ATACS) and provide equipments for use at the lowest tactical echelon. Special warfare communications developments overcome the deficiencies of standard Army equipment operating in the environment unique to unconventional warfare, counterinsurgency, and psychological operation. Developments supporting the above categories include test equipment, antenna masts, and installation engineering of communications equipment in new weapon systems, vehicles, aircraft, and marine craft.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0604702A Joint Tactical Information Distribution System (H);X-80-003;
The Joint Information Distribution System (JTIDS) program was established by DoD to utilize state-of-the-art technology, develop and acquire an integrated communications navigation and identification system which is secure, jam resistent and designed to interconnect the services' command and control and weapons systems in a joint tactical environment. This project supports the Army's participation in the engineering development of the system and serves as a vehicle to provide technical information to support the planned merger of PLRS and JTIDS equipment.

0604703A Tactical ADPS Equipment (H);;

0604704A Unattended Ground Sensors (H);X-9-01;
Includes civilian and military manpower authorizations and related costs as applicable. Includes RDTE funds for the engineering development of the Remotely Monitored Battlefield Surveillance System (REMBASS) in FY 1976. It will also include the Field Artillery Acoustic Locating System (FAALS) in FY 1977. The engineering development effort on REMBASS will be directed toward fielding a baseline unattended ground sensor system.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0604705A Modular Integrated Communication and Navigation System (H);X-8-03;
Includes civilian and military manpower authorizations and related costs as applicable. Includes RDTE funds for engineering development and militarization of a Modular Integrated Communication and Navigation System (MICNS)

data link for the Army's Stand-Off Target Acquisition System (SOTAS), the Army's Remotely Piloted Vehicle, and the Air Force's Precision Location and Strike System (PLSS), and the BGU-15 Guided Weapon System.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0604706A Radiological Defense Equipment (H);X-8-03;
Includes civilian and military manpower authorizations and related costs as applicable. Includes RDTE funds for development of radiological detection instruments and systems which will assure the Army a capability of detecting and measuring nuclear radiation under tactical conditions that might incapacitate personnel, require alteration of tactical plans, or render equipment inoperative. Equipment now in the field furnishes a minimum capability of accomplishing the desired radiation detection and measurement. The family of four different types of instruments now in the final stages of development will greatly improve Army's operational capability in a nuclear environment.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0604707A Support of Intelligence Operations (H);;

0604708A Image Interpretation and Photo Processing (H);;

0604709A Identification-Friend-or-Foe - Eng Dev;X-7-05;
Includes civilian and military manpower authorizations and related costs as applicable. Includes RDTE funds to support the DOD Tri-Service AIMS program. AIMS is derived from A-Air Traffic Control Radar Beacon System; I-IFF, Identification Friend or Foe; M-MARK XII identification system; and S-Systems- relecting the many AIMS configurations. The program is an equipment and subsystem acquisition effort to provide specific capabilities to selected airborne and ground/surface systems. Within the Army, the program consists of development and test of engineering development of models of MARK XII IFF equipment for Army aircraft and ground air defense systems. This program is performed in-house and on contract under the supervision of the U.S. Army Electronics Command, Army Materiel Development and Readiness Command.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0604710A Night Vision Systems - Eng Dev;X-7-05;;
Includes civilian and military manpower authorizations and related costs as applicable. Includes RDTE funds to perform engineering development and type classification of those night vision devices which, while not specifically dedicated as part of a major weapon system, are needed to perform military functions at night with an efficiency approaching that of day operations. Such equipments are general-purpose viewing devices (individual and crew-served weapon sight, surveillance systems and individual soldier aids), and universal-type equipment which is

utilized by combat vehicles (searchlights and vehicle driving devices).

Excludes military construction costs which are included in appropriate management and support elements in this program.

0604711A Aircraft Survivability Equipment (H);X-2-004;
Includes civilian and military manpower authorizations and related costs as applicable. This program provides for the development, test and type classification for production and fielding of Aircraft Survivability Equipment (ASE) systems required for the survival and increased combat effectiveness of tactical and special electronic mission aircraft (SEMA). This program addresses infrared, radar, laser, optical/electro-optical directed air defense threats and potential enemy airborne interceptors. The program is time-phased to be a logical follow-on (engineering development) to PE 0603711A, Aircraft Survivability Equipment (ASE). Resultant production programs provide for the survivabilty needed to meet tactical and special electronic mission aircraft (SEMA) requirements to increase combat effectiveness by reducing or eliminating the ability of threat air defense systems to detect, hit, damage or destroy Army aircraft. The program is adjusted continually to meet the changing nature of technology and responds to substantiated user requirements based on documented threat and the Required Operational Capability (ROC) for ASE for both current and developmental Army aircraft.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0604712A Army Command and Control Systems Engineering (H);X-91-2;
Includes civilian and military manpower and their related costs. RDTE funds to develop methodologies, procedures and standards responsive to the communications and automatic data processing requirements of automated tactical data systems. Efforts are devoted to achieving and testing compatibility and interoperability, demonstrating operational effectiveness of exchanging both functional and force control data generated/required by US Army tactical data systems with other tactical data systems of the US Army, other services and other nations within the NATO arena. These efforts will be accomplished under the following two projects: System Engineering for Army Tactical C(3) Systems; and US Army/NATO Tactical C(3) Systems Interoperability.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0604713A Combat Feeding, Clothing, and Equipment;X-80-002;
Includes civilian and military manpower authorizations and related costs as applicable. Includes RDTE funds to provide for the development of individual combat protective clothing and equipment that will maximize combat efficiency and provide protection for the combat soldier against battlefield hazards and the natural environment. It includes the development of operational rations, receipes, and menus; supports the Department of Defense Uniform Food Service Program; develops improved field shelters; and develops field printing equipment required for the conduct of worldwide special warfare operations. There are four projects within this program which directly affect the soldier's safety, effectiveness, comfort, and survivability.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0604714A Tactical Electrical Power Sources (H);X-8-03;

Includes civilian and military manpower authorizations and related costs as applicable. Includes RDTE funds to develop tactical electric power sources which are lower in weight (more mobile) lower in life cycle cost, longer in life, and higher in reliability than existing electric power sources. Included in this program are the Army's engineering development efforts on the Department of Defense family of generators (gasoline, diesel, and turbine engine-driven sets) silent power sources, and general-purpose electronic power supplies.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0604715A Non-System Training Devices - Eng Dev;X-7-05;
Includes civilian and military manpower authorizations and related costs as applicable. Includes the design, development, and testing of training devices, not related to specific Army systems, which will provide optimum training for both operating and maintenance personnel. The major thrust of this program is geared towards development training simulation devices that provide cost-effective training and increase proficiency. The Army utilizes the resources of the Naval Training Equipment Center (NTEC) under a joint Service agreement.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0604716A Terrain Information - Eng Dev;X-8-03;
Includes civilian and military manpower authorizations and related costs as applicable. Includes RDTE funds necessary to support the engineering development and testing of equipment and techniques in support of the field Army in the areas of position location and mapping. These developments will be used in direct support of the tactical deployment of forces and the operation of weapon systems. This program includes work on the development of new high-accuracy and rapid-response surveying and mapping systems.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0604717A General Combat Support (H);X-8-03;
Includes civilian and military manpower authorizations and related costs as applicable. RDTE funds to support projects which develop materiel for combat support to increase Army combat effectiveness. Major projects include the development of combat engineer equipment to include, a bridge erection boat, prefabricated airfield surfacing and dust control material and airfield membrane; bulk materials and fuel handling equipment; camouflage screening systems; field water supply equipment; medical equipment; and electric power sources.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0604718A Physical Security (H);X-80-002;
Includes civilian and military manpower authorizations and related costs as applicable. Includes engineering development of hardware concerned with the physical measures designed to safeguard personnel, to prevent unauthorized access to equipment, facilities, materiel and documents, and to safeguard them against espionage,

sabotage, damage and theft. The program involves work on the Army's Facility Intrusion Detection System (FIDS) which includes a multiplexed secure data link, a family of sensor devices, command response systems, and micro-processor controlled communications ad display functions.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0604719A Communications Switching (H);;

0604720A Unmanned Aerial Surveillance Systems (H);;

0604721A Nuclear Power Systems (H);;

0604722A Education and Training Systems Development (H);X-1-005;
Many advances in education and training technologies have occurred which show promise for application in the Armed Forces. This program assures that those technological advances which have a possible military application are further explored and developed. The objective of this program is the development of advanced training systems which are efficient, standardized and cost-effective.

0604723A Special Purpose Detectors (H);X-92-4;;
Excludes military and civilian manpower authorizations and related costs.

This program element supports developmental software improvements (Product Improvement Program (PIP)) to the Mobile Army Ground Imagery Interpretation Center (MAGIIC) AN/TYQ-11(V)4, procured as an add-on to an Air Force procurement in FY 1978. The MAGIIC consists of automated light tables with associated optics, a measuring system, a map and overlay display, and a computer for message preparation and data storage/manipulation. The MAGIIC is used to automate intelligence imagery interpretation functions. The imagery is provided by the Air Force and other sources. The combat information is provided to tactical intelligence fusion systems. Six MAGIIC systems currently exist, of which five support INSCOM's EAC IMINT operations and one in support of XVIII AB corps. Improvements to the MAGIIC software are required to make the MAGIIC totally compatible with the Joint Interoperability of Tactical Command and Control Systems (JINTACCS) and interoperable with the All Source Analysis System/Center; and to insure that all hard copy imagery including photographic, radar and infrared, intelligence IMINT sensors can be exploited.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0604724A Chemical/Biological Detection, Warning, and Training Materiel (H);X-8-03;
Includes civilian and military manpower authorizations and related costs as applicable. Includes RDTE funds to

conduct engineering development on rapid detection and warning systems, hazard identification, sample collection, and other equipment to warn of the presence of chemical and biological attack. This program also covers engineering development up to and including type classification of training systems for chemical and/or biological attack.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0604725A Chemical/Biological Protective Materiel (H);X-8-03;
Includes civilian and military manpower authorizations and related costs as applicable. This program covers engineering development and type classification of defensive systems and equipment to protect individuals from chemical agents, collective protections shelters for certain headquarters and communications functions, for rest and relief, and for certain vehicle crews to relieve the stresses and restrictions inherent in individual protective equipment. Also includes engineering development, developmental and operational testing of decontamination methodology and materiel for chemical and/or biological contamination.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0604726A Integrated Meteorological Support System;X-0-06;
Includes civilian and military manpower authorizations and related costs as applicable. The integrated meteorological support system provides a capability to process weather data from multiple sources (control forecasts, local observations, unmanned aerial vehicles, weather satellites). The system will provide realtime observations or forecasts that are tailored to support operations planning and execu- tion. IMETS converts conventional observations and forecasts into decision aids which evaluate the impact of weather on operations and sensor or weapons systems. Excludes military construction costs which are included in appropriate management and support elements in this program.

0604727A Command and Control (H);X-8-03;
Includes civilian and military manpower authorizations and related costs as applicable. Includes RDTE funds for engineering development of Command and Control related systems and equipment to be used in a multiple number of systems. Currently included is the Tactical Display System (TDS) which is designed to provide a more effective means of displaying tactical situations to commanders and their staffs of Corps and subordinate echelons. The TDS program is being jointly developed with the Germans. Also included is the Position Location Reporting System (PLRS)., a joint Army and US Marine Corps development that will provide combat commanders in the 1980's with automatic near real time precise location of their field forces on the battlefield; provide reliable navigation information to friendly forces; and enhance the commander's ability to effectively control his maneuver elements.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0604728A Family of Military Engineering Construction Equipment;X-80-004;
Includes civilian and military manpower authorizations and related costs as applicable. Includes RDT&E funds to

develop a family of Military Engineer Construction Equipment (FAMECE). The equipment designed for combat engineer units is airmoble and airdroppable and designed to perform construction tasks to include dozing, scrapping, loading, grading, compacting, excavating, hauling, and spreading. FAMECE will consist of a standard power module and compatible construction modules.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0604729A Countermortar Radar (H);X-2-001;
Includes civilian and military manpower authorizations and related costs as applicable. Includes RDTE funds to develop a countermortar radar that will automatically locate the firing positions of hostile mortars and short range rockets. It will incorporate the latest advances in phased array antenna and computer technology and will provide accurate first round detection and location of weapons over a wide sector of coverage.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0604730A Remotely Piloted Vehicles - Eng Dev;X-7-05;
Includes civilian and military manpower authorizations and related costs as applicable. Includes RDTE funds for engineering development and militarization of a Remotely Piloted Vehicle System which will be conducted to fulfill the Army's requirement for an aerial surveillance, target acquisition, and designation system. It is also planned that KAMIKAZE and electronic warfare jammer systems will undergo engineering development under this program element.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0604731A Counterbattery Radar (H);X-7-05;
Includes civilian and military manpower authorizations and related costs as applicable. Includes RDTE funds to develop a counterbattery radar that will automatically locate hostile artillery and long-range rocket launch sites at ranges where they will be normally deployed with sufficient accuracy and response time to permit friendly counterfire in support of division operations. It will incorporate the latest advances in phased array antenna and computer technology and will provide first round detection and location of weapons over all wide sector coverage. As a result of an ASARC II/III in October 1976, a low rate, initial production contract was awarded in December 1976.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0604732A Enhancements to Sensors, Correlation, Reconn. and Targeting (ESCORT) (H);X-5-01;
A program to improve the collection and processing of intelligence information in order to enhance the Indications and Warning and war fighting capability of US Forces in the Combined Forces Command in the Republic of Korea. The program will contain two phases. In phase 1 the program will center on tying current sensor data to command and

control nodes at echelons above corps and developing advanced sensors and the objective processing and analysis system. Phase 2 will involve deployment of the advanced sensors and processing system.

Includes civilian and military manpower and their related costs and military construction costs

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0604733A Theater Area Communication System (H);X-92-4;;
Includes civilian and military manpower authorizations and related costs as applicable. The next generation of the U.S. Army tactical area, common user communications system will be fully compliant with the NATO C3 master plan. SACS will incorporate integrated services digital network (ISDN) architecture and conform to the standards of the inter- national standards organization (ISO). Features include: active radio electronic counter-counter measures (ECCM), transparent-to-the user communications security (COMSEC), network management assisted by artificial intelligence products, and both mobile and static capa- bilities at the individual user level. Excludes military construction costs which are included in appropriate management and support elements in this program.

0604736A Project Sierra (H);X-92-4;;
Includes civilian and military manpower authorizations and costs as applicable. Program content is Secret/Not releasable to Foreign Nationals. Classification authority and access are controlled by the Deputy Chief of Staff for Research, Development and Acquisition (DCSRDA), Department of the Army. Information is available upon request to DCSRDA.

Excludes military construction (MCA) costs.

0604737A Unmanned Aerial Vehicles - Eng Dev;X-7-05;
Excludes military and civilian manpower authorizations and related costs.

The Army has established a family of Unmanned Aerial Vehicles (UAVs) consisting of three categories: Target Acquisition, Designation and Aerial Reconnaissance (TADAR); General Purpose; and Expendable. This program element supports the engineering development of, and payload integration into, the General Purpose and Expendable categories of UAV. Included in the General Purpose category are the Corps Intelligence and Electronic Warfare (IEW) UAV, the Battalion Operated Surveillance System (BOSS) and the light forces UAV. These UAVs are more fully described in the Family of UAV Report submitted to Congress in February 1986. The Expendable category of UAVs is described in the UAV Report submitted to Congress on 1 July 1986.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0604740A Tactical Surveillance System - Eng Dev;X-93-4;;
This program element supports engineering development (RDTE) directed at meeting the deep intelligence and targeting needs, and supporting Air Land Battle tactics of tactical commanders developments conducted under the Army's Tactical Exploitation of National Capabilities (TENCAP) program are designed to shorten the time required to collect intelligence from various sources and disseminate it directly to the tactical command and control environment to influence field operations. Specific developments include continued upgrade of the Imagery Exploitatiomn System to increase its processing capability and allow for conversion to the new data distribution

system, and secondary imagery dissemination development to tactical units below corps (EBC). For FY 1994 and beyond, specific development includes Imagery Processing and Dissemination System and Enhanced Tactical Radar Correlator. Excludes military construction costs which are included in appropriate management and support elements in this program.

0604741A Air Defense Command, Control and Intelligence - Eng Dev;X-7-02;
Includes civilian and military manpower authorizations and related costs as applicable. The Short Range Air Defense (SHORAD) Command and Control System will provide command, control and coordination of all-weather SHORAD air defense missiles and gun systems. This system will replace existing Command and Control arrangements in the divisional area which are essentially manual. It will permit the integration of SHORAD weapons within the Division, with adjacent divisional SHORAD weapons and laterally with Long Range Air Defense (LORAD) weapons. This supports the continued engineering development of the Air Defense Command Control (transition from 0603740A).

Excludes military construction costs which are included in appropriate management and support elements in this program.

0604745A Tactical Electronic Support Measure Systems (H);X-4-02;
Includes civilian and military manpower authorizations and related costs as applicable. Includes RDTE funds to develop electronic support measures equipment to exploit the enemy's use of his electromagnetic devices. It includes the development of electronic warfare equipment to identify and locate enemy communications, counterbattery radar, infrared, and optical battlefield surveillance devices.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0604746A Automatic Test Equipment Development;X-4-06;
Includes civilian and military manpower authorizations and related costs as applicable. Includes the engineering development of Army-wide common automatic test equipment for the test, measurement, and diagnosis of electronic, electrical, optical, mechanical, and hydraulic systems needed to ensure weapons systems availability and mission success. Projects are concerned with overall systems architecture, systems configuration, and associated software concepts, including the development of a standard Army programming language for common Army-wide automatic test equipment.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0604747A Joint Compatibility and Interoperability (GAMO-EA) (H);X-80-004;
Includes civilian and military manpower authorizations and related costs as applicable. Chief of Staff, Army (CSA) has been designated as the Executive Agent for the Joint Ground and Amphibious Military Operations (GAMO). GAMO will ensure compatibility, interoperability, and operational effectiveness of tactical command and control systems to be used in support of ground and amphibious military operations. Acting for the JCS, the Executive Agent has responsibility to develop, under the provisions of JCSM 397-69, in collaboration with the Services/Agencies, the program documentation; and to manage, conduct, and participate in a coordinated joint program in accordance with

approved program documentation.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0604748A Stand-Off Target Acquisition System (SOTAS) (H);X-4-02;
Includes civilian and military manpower authorizations and related costs as applicable. Includes engineering development of an airborne, moving target indicator, radar system capable of meeting tactical requirements for detecting and locating moving ground targets at ranges beyond ground line of sight in near-real-time, with an accuracy commensurate with strike by both Army indirect fire weapons and Air Force weaponry.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0604749A Tactical Operations Systems (H);X-80-004;
Includes civilian and military manpower authorizations and related costs as applicable. Includes RDTE funds to perform engineering development of automated Tactical Operations Systems that will significantly increase the effectiveness of tactical operations by providing automated assistance to the tactical commander and his staff in the decisionmaking process. Within the Division Tactical Operations System (D-TOS) developments, tests, and evaluations support the D-TOS program, the objective of which is to provide the Division commander and his staff with automated assistance to reduce reaction time, integrate fire support and maneuver operations, improve operational and decisionmaking capabilities, and improve the speed and accuracy of plans and estimates.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0604750A Tactical Electronic Countermeasures Systems - Eng Dev;X-8-03;
Includes civilian and military manpower authorizations and related costs as applicable. Includes RDTE funds to perform advanced development of electronic countermeasures (jamming) systems, both ground and airborne, used to support the tactical forces at Corps, division, and brigade level. Items in this program element were previously contained as a subset of PE 0603745A but are being separated to better identify intelligence-related activities in PE 0603745A, and provide increased Army managerial visibility to electronic warfare systems.

Excludes aircraft self-protection jamming devices and military construction costs which are included in appropriate management and support elements in this program.

0604751A Single Channel Ground and Airborne Radio Systems (SINCGARS) Eng Dev (H);X-91-2;
Includes civilian and military manpower authorizations and related costs as applicable. Resources for engineering development of a family of securable, VHF, electronic counter-countermeasures (ECCM) capable single channel combat net radios. The family will consist of manpack, vehicular, and aircraft radio configurations. Foreign candidate radios may be acquired and evaluated under this program element.

Excludes military construction costs which are included in appropriate management and support elements in this

program.

0604753A Battlefield Data System (H);X-5-01;
Includes civilian and military manpower authorizations and related costs as applicable. Includes engineering development of preplanned product improvements for the Battlefield Data System, an airborne radar and associated ground display and interface stations capable of meeting tactical requirements for detecting, locating and reporting targets at ranges beyond ground line of sight in near-real-time, with an accuracy commensurate with strike by both Army indirect fire weapons and Air Force weaponry.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0604754A Classified Program - Eng Dev;X-5-01;
Includes military and civilian manpower and costs specifically identified and measurable to special classified projects for which information on resources will be provided only on a "need-to-know" basis to authorized personnel identified on a special access list.

0604757A Medical Chemical Defense Life Material (H);X-92-4;;
Includes civilian and military manpower authorizations and related costs as applicable. Objectives of this engineering development (6.4) program are to vigorously develop the minimal industrial base required for a scale up of production and to meet quality control requirements of Good Laboratory Practice (GLP)/Good Manufacturing Practice (GMP) regulations and to further develop prototype items from advanced development that meet operational requirements of the Army and the other Services in the defense against chemical agents and consequently warrant fielding. This includes final testing of life support materiel (both for medically and non-medically supervised use) used for patient de-contamination, patient processing (e.g., resuscitators, medical monitors, chemical hardened medical materiel), and anti-chemical agent compounds. Engineering development phase of compound development is the phase beyond approval of an Investigational New Drug (IND) application by the FDA and will include collection of additional pre-clinical data and toxicologic and clinical data in humans to obtain FDA approval for fielding. An integral and vital part of this effort is the development of an industrial base required for a scale up of production and to meet the quality control requirements of GLP/GMP regulations. Anti-chemical agent compounds include antidotes, prophylaxes, pretreatment compounds, and therapeutics. Anti-radiation compounds are also developed in this program.

0604758A Drug and Vaccine Development (H);X-8-03;
Includes civilian and military manpower authorizations and related costs as applicable. This program provides final development and fielding of safe and effective drugs and vaccines against endemic and epidemic diseases which may impair combat operations in any geopolitical region as well as diseases of known or potential BW importance. This program is the source for advanced clinical evaluations, field trials, industrial scale-up production, and type classification/stockage of drugs and vaccines effective against diseases which are not of general civilian public health importance in the United States. The primary thrusts of the program are prophylactic and therapeutic testing, including large-scale field tests of vaccines, antitoxins, and drugs effective against diseases acquired through natural means and those of known potential BW importance.

0604759A Major T&E Investment;X-93-2;;

Includes funding for the development and acquisition of major upgrades for improvement and modernization (I&M) of test and evaluation activities that comprise the Army/Navy/Air Force portion of the DoD Major Range and Test Facility Base. I&M is defined as those investments that exceed $2 million per year or $10 million in total.

0604760A Distributive Interactive Simulations (DIS) - Engineering Development;X-94-3;;
Includes Engineering Development of techniques and equipment for Distributed Interactive Simulation (DIS) and related simulations efforts. DIS technology provides wide area simulation networking in support of modeling and prototyping, doctrinal development, training, and operations, utilizing live, virtual, and constructive simulations. Includes development of reconfigurable simulators. Includes linking of dissimilar simulators. Includes development of terrain, semi-automated force (SAFOR), weapon systems, and environmental databases for shared use in a DIS environment.

0604766A Tactical Exploitation of National Capabilities - EMD (TIARA);X-95-3;;
Excludes military and civilian manpower authorizations and related costs.

This program element supports engineering development (RDTE) directed at meeting the deep intelligence and targeting needs, and supporting Air Land Battle tactics of tactical commanders. Developments conducted under the Army's Tactical Exploitation of National Capabilities (TENCAP) program are designed to shorten the time required to collect intelligence from various sources and disseminate it directly to the tactical command and control environment to influence field operations. Engineering development work is directed toward developing a tactical support system to receive, process, and disseminate information from multiple sources which locate enemy units, activity, and targets representing a general tactical threat. Systems developed will be the primary source of information on enemy second-echelon forces, which is essential to the tactical commander. Specific projects include classified studies/developments and development and support to the family of systems within the Electronic Processing and Dissemination System (EPDS),i.e., Enhanced Tactical Users Terminal (ETUT), Mobile Integrated Tactical Terminal and future objective systems.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0604767A TRACTOR JEWEL;X-0-09;
Includes military and civilian manpower and related costs. This is a special access program. Details will be provided on a need to know basis to authorized personnel on a special access list.

Excludes military construction costs.

0604768A Brilliant Anti-Armor Submunition (BAT);X-95-3;;
Includes military and civilian manpower and related costs. This is a special access program. Details will be provided on a need to know basis to authorized personnel on a special access list.

Excludes military construction costs.

0604769A TRACTOR HELM;X-0-09;

Includes military and civilian manpower and related costs. This is a special access program. Details will be provided on a need to know basis to authorized personnel on a special access list.

Excludes military construction costs.

0604770A Joint Surveillance/Target Attack Radar System;X-7-05;
Includes military and civilian manpower authorizations and related costs.

This program element includes engineering development of a system consisting of an airborne radar and associated ground display and interface stations capable of meeting tactical requirements for detecting, locating and reporting targets at ranges beyond ground line of sight in near-real-time, with an accuracy commensurate with strike by both Army indirect fire weapons and Air Force weaponry.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0604778A Positioning Systems Development;X-0-06;
Includes civilian and military manpower authorizations and related costs as applicable. Includes furtherance of the development and acquisition of Service user equipment designed to function with the satellites and Master Ground Station of the NAVSTAR Global Positioning System. The System will provide global, highly accurate information which will serve a broad spectrum of navigation and positioning missions.

Excludes military construction costs which are included in appropriate management and support elements in this program. Also excludes the development and acquisition of the satellites and Master Ground Stations. These efforts will be accomplished in PE 0604478F.

0604779A Joint Interoperability of Tactical Command & Control Systems (JINTACCS);X-80-002;
Includes civilian and military manpower authorizations and related costs as applicable. This program element contains RDTE funds to support both the JINTACCS Executive Agency and the Army unique effort. The purpose of the JINTACCS (formerly GAMO) program is to achieve, test, and demonstrate compatibility, interoperability, and operational effectiveness of those tactical command and control systems planned to be used by the Services in support of ground and amphibious military operations. The Chief of Staff, U.S. Army is the JCS Executive Agent and the JINTACCS System Engineer is the Executive Agent's designated representative. JINTACCS will assume the duties and responsibilities of the Tactical Air Control Systems/Tactical Air Defense Systems (TACS/TADS) program when a full test capability is attained.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0604780A Combined Arms Tactical Trainer (CATT);X-92-4;;
Includes military construction, civilian and military manpower authorizations and related costs, beginning in FY94, specifically identified and measurable to the advanced development of the Combined Arms Tactical Trainer. CATT is an umbrella program encompassing multiple training programs incorporating a variety of Battlefield

Operating Systems. Current systems include: Close Combat (CCTT), Aviation (AVCATT), and Air Defense (ADCATT). Future variants are expected to include: Engineer, Artillery, and SIGNIT/EW.

0604801A Aviation - Eng Dev;X-7-05;
Includes military and civilian manpower authorizations and related costs.

Program provides RDTE funds to support engineering development for aviation ground support equipment (GSE), Aviation Life Support Equipment and high-fidelity operational flight, weapon and combat mission rotocraft simulators. Specifically, improvements include: Reductions to Army maintenance time and increased readiness for existing and projected aircraft systems; efforts to standardize protective equipment throughout the Army aviation force structure; and utilization of simulator development training systems to provide a realistic and cost effective complement to aircraft training, and enhance combat readiness.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0604802A Weapons and Munitions - Eng Dev;X-7-05;
Includes military and civilian manpower authorizations and related costs.

This research and development program provides coordinated programs in direct fire combat and indirect fire support for: Engineering Development of an advanced small arms weapon system (advanced combat rifle); improving the 25mm cartridge by significant increases in engagement and standoff range capability for the fighting vehicle system; developing artillery fuzes for all calibers and types of projectiles; testing to ensure compatibility of US/NATO howitzers and ammunition; developing 120mm ammunition for light forces; engineering development of Sense and Destroy Armor (SADARM) submunitions in two sizes for MLRS and 155mm; and development of an Army Tactical Missile System Warhead to attack targets at ranges beyond the capabilities of cannons and rockets. All programs contribute directly to direct/indirect close combat counterfire and deep attack operations, all part of the Air Land Battle.

Excludes military construction which are included in appropriate management and support elements in this program.

0604803A Chemical Systems - Eng Dev;X-7-05;
Excludes military and civilian manpower authorizations and related costs.

Program provides RDTE funds for the engineering development of chemical agents for all the Services. The program supports the urgent need to modernize the current chemical weapons stockpile to reestablish a credible deterrent to chemical warfare. Incapacitating chemical agents will also be developed to provide both a deterrent capability and an option for a limited retaliatory response without having to resort immediately to lethal chemical agents. Improved chemical munitions are needed which will reach all battlefield targets, especially the mid to deep range targets. This program contains three projects devoted to development of lethal and incapacitating chemical agent munitions.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0604804A Logistics and Engineer Equipment - Eng Dev;X-7-05;

Includes military and civilian manpower authorizations and related costs.

This program supports engineering development of new and advanced combat support and combat service support equipment necessary to sustain combat forces. Programs encompass tactical rigid-wall shelters, environmental control equipment, microclimatic cooling systems, materials handling equipment, water and petroleum distribution systems, containers, marine craft, water purification, tactical bridging and other combat engineer equipment. Also funded is advanced technology for tactical electric power generation equipment and associated power conditioning and control equipment, airdrop components and systems and camouflage.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0604805A Command, Control, Communications Systems - Eng Dev;X-7-05;
Includes military and civilian manpower authorizations and related costs.

This program funds full scale engineering development (FSED) and test and evaluation of Army tactical communications equipment. Included are the Very High Frequency (VHF) Single Channel Ground and Radio System (SINCGARS), integrated COMSEC design for SINCGARS and items associated with other tactical radios which are not a part of SINCGARS such as the frequency hopping multiplexer and the vehicular intercom system. Also included is engineering development of fiber optic transmission systems, telephone/data/record traffic terminals, data distribution systems, antenna configurations, multichannel radio/multiplexer/technical control assemblages and ancillary equipment that increase the reliability, extend the useful life, and/or provide interoperability in current inventory. This program element also supports near-term improvements of tactical communications systems for the Reserve Components.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0604806A NBC Defense System-Eng Dev;X-92-4;;
Includes military and civilian manpower authorizations and related costs.

Program provides RDTE funds for engineering development of chemical detection and warning systems, individual and collective protection, and decontamination systems. The program responds to the urgent need to provide all Services with detection and warning systems to alert individuals and combat units to the presence of chemical and biological/toxin agents, and with defensive materiel to protect and decontaminate individuals and equipment from threat chemical, biological and toxin agents. This program contains six projects devoted to chemical and biological defense.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0604807A Medical Materiel/Medical Biological Defense Equipment - Eng Dev;X-7-05;
Includes military and civilian manpower authorizations and related costs.

This program funds full scale engineering development through initial procurement of improved medical equipment,

supplies and drugs essential to counteracting the threat of the integrated battlefield. Emphasis is on medical equipment which is highly mobile yet will support large numbers of combat casualties. Additionally, foreign medical materiel may be acquisitioned for exploitation of advanced technology and development to meet Army medical defense goals. This program element also supports the full scale development and initial procurement of vaccines, prophylactic and therapeutic drugs, the rapid identification/diagnostic systems, and improved arthropod vector repellent systems for the prevention of naturally occurring diseases and the medical defense against biological warfare agents. This program supports the Army's research in biotechnology. Follow-on procurement for the Army will be funded through Operations and Maintenance, Army appropriations. Requirements are identified in Letter Requirements and Joint Services Operation Requirements.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0604808A Landmine Warfare/Barrier - Eng Dev;X-7-05;
Includes military and civilian manpower authorizations and related costs.

This program element provides for engineering development of Mine, Countermine, and Demolition systems. The programs provide a group of mutually supporting mine detection and neutralization devices to counter a variety of threat mines and obstacles, and for development of explosive demolitions systems to rapidly create anti-armor ditches,create point obstacles such as road craters and bridge demolition and defeat natural and man-made obstacles encountered by friendly forces. Historically, on the defense, minefields have proven to be an effective means to slow, canalize and attrite attacking forces. In addition this PE provides for the increased tactical effectiveness and responsiveness of landmines by supporting the development of a Family of Scatterable Mines (FASCAM) which can be dispensed rapidly from helicopters, ground dispensers, cannon artillery, rockets, and tactical aircraft. Minefields continue to be one of the most effective, efficient, and adaptable obstacles to threat armor mobility. On today's battlefield the use of mechanically buried or hand-emplaced, logistically burdensome conventional landmines does not support the commander's needs. Current mines, which must be emplaced well in advance of the actual tactical need, lack the responsiveness and flexibility necessary for effective employment in rapidly changing tactical situations. Scatterable mines placed by highly responsive multiple delivery means provide a significant enhancement of the combined arms deterrent of Warsaw Pact mass armor attacks. Scatterable mines will be used to deny selected areas and delay, canalize, and interdict attacking enemy forces. Future smart mines will provide the historical delaying and canalizing effect and provide self protecting overwatching fires thus permitting deployment deep in enemy territory.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0604809A Small Aerostat Surveillance System;X-9-01;
This is an engineering development program to provide the capability to monitor moving targets on the air, ground, and sea. The program will develop an aerostat mounted radar. The radar is a modified AN/APG-66.

Excludes military construction costs and military and civilian manpower authorizations and related costs which are not applicable.

0604810A Fiber Optic Guided Missile - Eng Dev;X-9-03;

This engineering development program will lead to production of the Non-Line of Sight component of the Forward Area Air Defense System. Manpower authorizations and related costs are applicable.

Military construction costs are not applicable.

0604811A Consolidated EW Programs (H);X-8-03;
This program includes military and civilian manpower authorizations and related costs and develops all protective EW technology and equipment as well as aircraft survivability equipment.

Excludes military construction costs.

0604812A Classified Program;X-8-03;
Includes costs specifically identified and measurable to special classified projects for which information on resources will be provided only on a "need-to-know" basis to authorized personnel identified on a special access list.

Excludes military and civilian manpower authorizations and related costs and military construction costs.

0604813A TRACTOR PULL (H);X-8-03;
Includes costs specifically identified and measurable to special classified projects for which information on resources will be provided only on a "need-to-know" basis to authorized personnel identified on a special access list.

Excludes military and civilian manpower authorizations and related costs and military construction costs.

0604814A Sense and Destroy Armament Missile - Eng Dev;X-9-03;
This program will lead to the production of the munition for MLRS and 155MM howitzer delivery systems. Manpower authorizations and related costs are applicable.

Military construction costs are not applicable.

0604815A TRACTOR TRAILER;X-9-01;
The program content is classified and will be provided only to cleared personnel with a valid need to know.

There are no military construction costs, manpower authorizations or payroll funds programmed in this program.

0604816A LONGBOW - Eng Dev;;
Includes civilian and military manpower authorizations and related costs. This is the engineering development program for a weapon system which will be capable of being employed day or night in adverse weather, and/or in

obscurants. The missile will engage and destroy threat armor well into the twenty first century. It consists of an integrated fire control radar, a radio frequency autonomous seeker in a HELLFIRE missile airframe.

Military construction (MCA) costs are not applicable.

0604817A Combat Identification;X-95-3;;
The program content is classified and will be provided only to cleared personnel with a valid need to know.

There are no military construction costs, manpower authorizations or payroll funds programmed in program.

0604818A Army Tactical Command & Control Hardware & Software;X-95-3;;
This program provides automated integration of the five battlefield functional areas with the following systems: (1) Maneuver Control System; (2) Advanced Field Artillery Tactical Data System; (3) All Source Analysis System; (4) FAAD C2I; and (5) Combat Service Support Control System. This program also provides for the utilization of common hardware and software throughout these five systems.

Manpower authorizations and related payroll costs are applicable.

0604819A LOSAT;;;
Includes military and civilian manpower authorizations and related costs.

This program funds engineering development of a replacement anti-tank missile system. This system will replace the TOW missile system and will be used on a variety of platforms.

Excludes military construction costs.

0604820A Radar Development;X-0-06;
Includes civilian and military manpower authorizations and related costs as applicable. The AN/TPQ-36 and AN/TPQ-37 radars perform the vital mission of detecting and locating enemy mortars, artillery, and rocket launchers. They provide counterfire target infor- mation directly to the commander through the tactical fire direction system (TACFIRE) and the advanced field artillery tactical data systems (AFTADS). Phased array radar with greater mobility, increased radar detection and tracking range, and greater thruput processing speed than the current AN/TPQ-36 radar. Excludes military construction costs which are included in appropriate management and support elements in this program.

0604821A Follow-on Lance Engineering Development;X-9-03;
Includes military and civilian manpower authorizations and related costs.

This is the engineering development program for the replacement system for Lance.

Excludes military contruction costs which are not applicable.

0604823A Firefinder;X-0-08;
Includes civilian and military manpower authorizations and related costs as applicable. This program will provide improvements to the AN/TPQ-36/37 Firefinder radars. This radar is a mobile, phased-array radar which automatically and accurately locates mortars, artillery and short range rockets. Excludes military construction costs which are included in appropriate management and support elements in this program.

0604825A Masked Target Sensor (H);X-92-4;;
Includes civilian and military manpower authorizations and related costs as applicable. This program will provide a system to detect and track moving ground targets and low flying fixed and rotary wing air- craft in clutter, masked from ground line of sight or beyond the forward line of troops. Excludes military construction costs which are included in appropriate management and support elements in this program.

0604852A Suite of Survivability Enhancement Systems - EMD;X-94-6;;
Includes engineering development program leading to the production and fielding of a Suite of Survivability Enhancement Systems (SSES) that will detect and defeat advanced ground and air threats to include smart and guided munitions. Program develops common warning receivers and countermeasures and vehicle-specific installation kits that will enable application of SSES components across the fleet of ground systems. Military and civilian manpower authorizations and related costs are applicable.

Excludes military construction.

0604854A Artillery Systems - EMD;X-95-3;;
Resources the selected design and validates the manufacturing production process of advanced field artillery systems.

0604889A Counterdrug Engineering and Manufacturing Development Projects;X-94-2;;
Captures all counterdrug engineering and manufacturing development costs not associated with a couterdrug-unique PE and specifically identified and measurable against other active counterdrug programs.

May also be used for demand reduction engineering and manufacturing development. Only projects approved by the Secretary of Defense and supported by the transfer appropriation will be included.

0604999A Competitors (H);X-9-01;
Includes RDT&E funds to provide flexibility in the outyears (BFY+1 out). This element will be allocated to fund advanced development programs as they become identified.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0605001A R&D Industrially-Funded Activities (H);X-9-01;
Includes civilian and military manpower authorizations and related costs as applicable. Includes peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable:

Aberdeen Proving Ground, Aberdeen, MD; Army Materials and Mechanics Research Center, Watertown, ME; Dugway Proving Ground, Dugway, Utah; Harry Diamond Laboratories.

0605002A Revenues (R&D Activities) (IF) (H);X-7-05;
Includes revenue for the industrially funded operations in "R&D Industrially Funded Activities" element (0605001A). The sum of the entries (excluding Military Personnel resources) in the R&D Industrially Funded Activities element should equal the total amounts reflected in this element. The sources of revenues of these industrial fund activities will be customers and/or appropriations in the form of "orders", including project orders, service orders, printing requests, and any other type or form of reimbursable order. These orders, when accepted by the performing activity, will serve as a basis for obligation of the customer's funds pursuant to applicable provisions of AR 37-21. In addition, "orders" will include all orders received from private parties and any other non-government or non-appropriated sources.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0605003A R&D Facility-Redstone (H);;

0605004A Other Construction (H);X-9-03;
Includes a general aggregation of construction projects in support of Research and Development which cannot be appropriately identified with a specific program element. Only MCA funds are included.

Excludes civilian and military manpower and their related costs.

0605093A Revenues (Real Prop. Maint. -RDT&E) (IF) (H);X-7-05;
Includes the revenues (minus entry) received for goods and services sold by the activities in IF program element 65094 A/N. Also includes the net annual operating gain or loss for these activities.

0605094A Real Property Maintenance - RDT&E (IF) (H);X-9-01;;

0605096A Base Operations - RDT&E (IF) (H);X-9-01;
Civilian manpower spaces, military manpower and military funding for base operations of Navy industrially funded

RDT&E activities, including:

Administration: Installation Headquarters Administration and Command (including squadron level responsible for Base Operations), Installation Comptroller services, Installation ADP services, Installation Information Activities, Installation Legal Activities, Installation Civilian Personnel Administration, Installation Military Personnel Administration, Installation Printing and Reproduction, Installation Safety, Installation Management Analysis/Management Engineering

Retail Supply Operations: Installation Supply Activities, Installation Procurement Operations, Installation Storage Activities

Maintenance of Installation Equipment (includes maintenance of administrative aircraft, vehicles and equipment but excludes maintenance of tactical equipment, combat vehicles and mission aircraft.)

Other Base Services: Installation Transportation Activities, Installation Training (excludes troop training and tactical exercises) Installation Physical Security and Police Activities, Laundry and Dry Cleaning (for troop support and other appropriated fund activities), Installation Airfield/Air Base Operations (control tower, weather, flight services, etc.) Installation Restoration

Bachelor Housing Operations and Furnishings (management; housing assignment; care of quarters; provisions, care, preservation and maintenance of furnishings, etc.)

Other Personnel Support: Food service, Social Action, Community Services, Chaplains, Bands, Morale, Welfare and Recreation

Excludes the following functional categories which are a part of the standard definition of Base Operating Support, but are reported under separate PEs:

Maintenance and Repair of Real Property, Minor Construction, Operation of Utilities, Other Engineering Support, Base Communications, Commissary Operations: Retail and Troop Issue, Station Hospitals, Medical and Dental Clinics and Dispensaries, Family Housing.

0605097A Revenues (Base Operations - RDT&E) (IF) (H);X-9-01;
Includes the revenues (minus entry) received for goods and services sold by the activities in IF program element 06050960 (A,N). Also includes the net annual operating gain or loss for these activities.

0605098A Management Headquarters (Missile Facilities) (IF);X-1-006;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identifiable and measurable to the following: Headquarters, US Army Missile Command (MICOM); Headquarters, Armament Research & Development Command (ARRADCOM).

Excludes: nonmanagement headquarters resources (refer to DODD 5100.73).

0605099A Revenues (Management Headquarters)(Missile Facilities)(IF) (H);X-94-3;;
Includes the revenues (minus entry) for the goods and services furnished by the Management Headquarters (Missile

Facilities) (IF) element. Also includes the net annual operating gain or loss for this activity.

0605101A Headquarters, DA, Operations Research and Analysis (H);X-80-004;
Includes civilian and military manpower authorizations and related costs as applicable. Includes contract efforts for Department of the Army staff and Army Secretariat. These efforts critically examine and investigate specifically defined problems of major concern to the Army related to science, technology systems and equipment in direct support of research and development efforts. Sophisticated analytical techniques are used to integrate and analyze a variety of factors. These efforts require capabilities and expertise not available in-house. Results lead to conclusions or recommendations which make substantive contributions to Army planning, programing, and decisionmaking. Unlike experimentally oriented research and development activities, these analyses organize and evaluate data and information already available or which can be inferred or extrapolated from existing data. Computer assistance is often used.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0605102A TRADOC Studies and Analyses (H);X-7-05;
Includes civilian and military manpower authorizations and related costs as applicable. Includes contract studies and analyses for the US Army Training and Doctrine Command (TRADOC). These studies and analyses critically examine and investigate specifically defined problems related to research, development, test and evaluation programs, to include design of computer simulation models for evaluating weapon system employment doctrine and analyses of weapon system cost, operational effectiveness and training effectiveness. Sophisticated analytical techniques are used to integrate and analyze a variety of factors. These efforts require capabilities and expertise not available in-house. Results lead to conclusions or recommendations which make substantive contributions to TRADOC planning, programing, and decisionmaking. Unlike experimentally oriented research and development activities, these studies and analyses organize and evaluate data and information already available or which can be inferred or extrapolated from existing data. Computer assistance is often used.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0605103A Rand Arroyo Center;X-0-03;
This project provides to the Army a broad program of long-term study and research for the development and employment of land power. The project's continuing independent, objective and knowledgeable research analyzes and expands available policy support and operational alternatives, and assists the Army to make better decisions on major issues. The current work program covers the general areas of Strategic Forces; General Purpose Forces; Logistics; Manpower, Personnel and Training; R&D and acquisition, and Supporting Research in methodologies and technical areas critical to Army operations.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0605104A Los Alamos Meson Physics Facility;X-94-3;;

Includes facilities, equipment and costs specifically identified and measurable to an upgrade to Los Alamos Meson Physics Facility/Los Alamos Neutron Scattering Center for efforts in the area of electromagnetic pulse weapons effects evaluations.

Excludes civilian and military manpower and their related costs; and military construction costs.

0605201A Aviation Engineering Flight Activity;X-8-03;
Includes civilian and military manpower authorizations and related costs as applicable. Includes the conduct of engineering design tests, engineering flight tests, contractor compliance, and airworthiness performance tests on all Army aircraft and components entering the inventory or considered by the Army for a specific application. AEFA monitors contractors' flight testing and occasionally participates in engineering flight tests conducted by USAF, USN, or FAA.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0605301A Army Kwajalein Atoll;;
Includes civilian and military manpower authorizations and related costs as applicable. Includes peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: RDTE and military construction funds. Kwajalein Missile Range (a national Range) has the mission of providing support for strategic offensive and defensive missile and related developmental test programs.

0605302A White Sands Missile Range (H);;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: Military construction costs. White Sands Missile Range (a national Range) has the mission of providing support for missile, aircraft and space vehicles tests of various national and service programs.

0605502A Small Business Innovative Research;X-4-06;
This program element is in response to the Small Business Innovation Development Act of 1982, P.L. 97-219, The purpose is to stimulate technological innovation and use small business to meet Army research and development needs. The program element establishes a uniform, simplified format to award small business concerns contracts for submitting innovative and imaginative solutions to identified Army problems requiring research and development. Proposals will be submitted in two phases in response to an annual solicitation as published by the Department of Defense initially in February 1983. The Army's Small Business Innovative Research (SBIR) efforts are directed toward taking advantage of technologies in which the US enjoys a lead and the imagination and diversity of small business. As a result the major areas of interest in which the Army seeks proposals to solve identified problems are: Very Excludes civilian and military manpower and their related costs and military construction costs which are Intelligent Surveillance and Target Acquisition; Distributed Command Control, Communications, and Intelligence; Self Contained or Brilliant Munitions; Soldier Machine Interface; BioTechnology and Chemical Defense; Medical Support; Combat Equipment and Materials.

0605596A Base Support - Corps of Engineers;X-95-3;

Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following functional categories of effort:

Administration: Installation Headquarters Administration and Command (including squadron level responsible for Base Operations), Installation Comptroller Services, Installation ADP Services, Installation Information Activities, Installation Legal Activities, Civilian Personnel Administration, Installation Military Personnel, Administration Installation Printing and Reproduction, Installation Safety, Installation Management Analysis/Management Engineering.

Retail Supply Operations: Installation Supply Activities, Installation Procurement Operation, Installation Storage Activ ities.

Maintenance of Installation Equipment: (Includes maintenance of administrative aircraft, vehicles and equipment; but excludes maintenance of tactical equipment, combat vehicle and mission aircraft).

Other Base Services: Installation Transportation Activities, Installation Training (excludes Troop training and tactical exercise). Installation Physical and Police Activities, Laundry and Dry Cleaning (for troop support and other appropriated fund activities). Installation AirField/Air Base Operations (control tower, weather, flight service, etc.) Installation Restoration.

Bachelor Housing Operations and Furnishing: (management; housing assignment, care of quarters, provisions, care preservation and maintenance of furnishings, etc.)

Other Personnel Support: Food Service; Social Action; Community Service; Chaplain Services; Bands; Morale, Welfare and Recreation.

Excluded are the following functional categories which are a part of the standard definition of Base Operating Support, but are reported under separate PEs: Real Property Services, Minor Construction, Maintenance and Repair, Base Communications, Commissary Operations (Retail and Troop Issue), Station Hospitals, Medical and Dental Clinics and Dispensaries and Family Housing.

0605601A Army Test Ranges and Facilities;X-7-05;
Includes military and civilian manpower authorizations and related costs.

This program sustains a capability for development, production acceptance, and product improvement testing of materiel, weapons, and weapon systems at five of the designated DOD Major Ranges and Test Facility Base, two Climatic Test Centers, Aviation Development Test Activity, and the Aviation Engineering Flight Activity, TECOM Test Design and Evaluation and AEFA. This program also provides the capability to conduct engineering flight tests, development testing for procurement of aircraft systems and airworthiness qualification of modifications to existing aircraft. Each of the facilities/activities has an established capability uniquely required to assure technical adequacy and quality of materiel under development or procurement. This program element finances all costs of operating and maintaining the facilities/activities.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0605602A Army Technical Test Instrumentation and Targets;X-7-05;

Includes military and civilian manpower authorizations and related costs.

This program element provides for instrumentation (improvement and modernization) of ranges and test facilities to insure a testing capability commensurate with the state-of-the-art in materiel development. It also provides the advanced technology needed to evaluate modern weapons systems' worth to the Army. Efforts include Advanced Methodology Investigations, Test Procedure Standardization, the Central Test Technology Coordinating Office, Instrumentation Development and AMC Management of Targets and Threat Simulations. These efforts look at projected test requirements, develop responsive plans, and take action to assure that necessary test concepts and resources will be available when needed. Also, within this program element is the development of both aerial and ground targets, and ancillary devices.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0605603A Army User Test Instrumentation and Threat Simulators;X-7-05;
Includes military and civilian manpower authorizations and related costs.

This program finances development of instrumentation for TRADOC/OTEA test organizations and for the National Training Center. This element provide for essential instrumentation to simulate the user environment and to measure performance of hardware and personnel under battle conditions. Also provided in the program element are funds to develop Threat Simulators that represent Soviet systems such as air defense gun and missile systems; command, control, communications and intelligence (C3I) systems, and electronic warfare systems to the required fidelity. Funds are included to update simulators as new intelligence becomes available, and validate a simulator's performance baseline before and during tests being supported.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0605604A Survivability/Lethality Analysis;X-92-4;;
This program provides vulnerability assessments of Army systems to threat radio electronic countermeasures and other electronic disruptions. This program assesses the state of Army technology to ensure cost effective applications. Manpower authorizations and related costs are applicable.

Military construction costs are not applicable.

0605605A DOD High Energy Laser Test Facility;X-0-09;
Includes military and civilian manpower authorizations and related costs. Includes operation and maintenance of the broad-based high energy laser test capability at White Sands Missile Range (WSMR), New Mexico to support Tri-Service damage, vulnerability and lethality laser tests.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0605606A Aircraft Certification;X-94-6;;

Includes all engineering functions essential for certifying the airworthiness of assigned Army aircraft, performs safety-of-flight investigations and assessments and manages Army Aeronautical Design Standards Program. Funds are primarily for civilian salaries.

Excludes military construction.

0605696A Base Support - AMC Test Ranges;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following functional categories of effort:

Administration: Installation Headquarters Administration and Command (including squadron level responsible for Base Operations), Installation Comptroller Services, Installation ADP Services, Installation Information Activities, Installation Legal Activities, Civilian Personnel Administration, Installation Military Personnel, Administration Installation Printing and Reproduction, Installation Safety, Installation Management Analysis/Management Engineering.

Retail Supply Operations: Installation Supply Activities, Installation Procurement Operation, Installation Storage Activ ities.

Maintenance of Installation Equipment: (Includes maintenance of administrative aircraft, vehicles and equipment; but excludes maintenance of tactical equipment, combat vehicle and mission aircraft).

Other Base Services: Installation Transportation Activities, Installation Training (excludes Troop training and tactical exercise). Installation Physical and Police Activities, Laundry and Dry Cleaning (for troop support and other appropriated fund activities). Installation AirField/Air Base Operations (control tower, weather, flight service, etc.) Installation Restoration.

Bachelor Housing Operations and Furnishing: (management; housing assignment, care of quarters, provisions, care preservation and maintenance of furnishings, etc.)

Other Personnel Support: Food Service; Social Action; Community Service; Chaplain Services; Bands; Morale, Welfare and Recreation.

Excluded are the following functional categories which are a part of the standard definition of Base Operating Support, but are reported under separate PEs: Real Property Services, Minor Construction, Maintenance and Repair, Base Communications, Commissary Operations (Retail and Troop Issue), Station Hospitals, Medical and Dental Clinics and Dispensaries, Family Housing.

0605701A Communications-Electronics Testing Activities (H);X-80-004;
Includes civilian and military manpower authorizations and related costs as applicable, and RDTE funds for testing of all types of C-E items of equipment to maintain a level of effort in Army test activities to support advanced development and engineering development tests. The major project in the element is the operation of the U.S. Army Electronics Proving Ground's field test facility. The field test facility is located at Fort Huachuca, Arizona, and consists of the Systems Test Facility (STF) and the Electromagnetic Environmental Test Facility (EMETF).

Excludes military construction costs which are included in appropriate management and support elements in this program.

0605702A Meteorological Support to RDT&E Activities;X-7-05;
Includes military and civilian manpower authorizations and related costs.

This program element provides for atmospheric/meteorological measurements, atmospheric characterization, and professional/technical meteorological consulation/advisory services to Army/DOD RDTE activities. On-going program of design and development to incorporate new sensor techniques and technical advances into data acquisition systems to support Army RDTE is also maintained.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0605703A Electronic Compatibility Analyses Center (H);;

0605704A Deseret Test Center (H);;
Includes RDT&E funds for the planning and conduct of DOD chemical warfare and biological defense test requirements. The work accomplished under this program is carried out by Deseret Test Center. The jointly staffed test organization conducts both developmental and operational tests for the Services and the unified and specified commands.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0605705A Modular Army Selected Systems Test, Evaluation and Review (H);;
Includes military manpower and related costs, and RDT&E funds to plan, conduct, and evaluate material field test and material systems field tests to assist in determining operational potential of material and systems. The testing will be to improve the Army's combat intelligence, target acquisition capability to support the Integrated Battlefield Control System (IBCS), to evaluate material for the Air Cavalry Combat Brigade (ACCB) and the TRICAP Division, and to support the development of material for other selected concepts and organizations which may be assigned for evaluation.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0605706A Materiel Systems Analysis;X-80-002;
Includes civilian and military manpower authorizations and related costs as applicable. Includes peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the US Army Materiel Systems Analysis Activity (AMSAA) in its conduct of major independent materiel systems analyses and cost effectiveness evaluations. AMSAA assesses expected worth and cost of existing and proposed Army materiel systems throughout their life cycle to provide meaningful bases for major decisions concerning their design, development, acquisition and employment. AMSAA also serves as the Army's analysis center for reliability,

availability and maintainability (RAM) of materiel systems.

Excludes costs of supporting the conduct of independent test design and evaluation which are included in PE 0605702A; costs of supporting joint munitions effectiveness efforts which are included in PE 0605805A.

0605707A TRADOC Operational Testing (H);X-2-001;
Includes civilian and military manpower authorization and related costs as applicable. Includes RDTE funding for support costs incurred through FY 80 by the US Army Training and Doctrine Command (TRADOC) in: operation of the TRADOC Test Boards; conduct of Initial Operational Test and Evaluation (IOTE); on-site user testing of US Army Communications Command equipment; concept evaluation of materiel; and development of instrumentation, threat simulators and targets required to support user testing and to create a realistic environment. These TRADOC operational testing projects are included in PE 0605712A, as well as OTEA operational testing projects, starting in FY 81.

Excludes military construction costs which are included in appropriate management and support elements in this program. Also excludes costs to procure nondevelopmental instrumentation or other standard items regularly procured to meet general requirements and not consumed during test, and costs of conducting Force Development Testing and Experimentation (FDTE) or operational testing subsequent to production decision.

0605708A Theater Nuclear Force Survivability (H);X-80-004;
Includes civilian and military manpower authorizations and related costs as applicable. Includes RDTE funds to conduct a USDRE directed Tactical Nuclear Force (TNF) security program and Project Integrated Vulnerability Assessment (IVA). The TNF security program is to provide a basis for improving the survivability of dispersed theater nuclear elements of ground forces. Program IVA is to provide a basis for the integrated vulnerability assessment of the land combat force on a nuclear battlefield. This program will be performed in-house and under contract under the supervision of the U.S. Army Training and Doctrine Command and the U.S. Army Materiel Development and Readiness Command.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0605709A Exploitation of Foreign Items;X-80-002;
Includes civilian and military manpower authorizations and related costs as applicable. Includes RDTE funds for the exploitation of foreign systems in order to evaluate characteristics, capabilities, vulnerabilities, and state-of-the-art. This enables the Army to profit from advances in foreign technology as well as to develop countermeasures for specific systems.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0605710A Joint Nuclear Biological Chemical Test, Assessment and Survivability;X-94-6;;
Includes civilian and military manpower authorizations and related costs as applicable. Includes peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the

following: RDTE funds to provide for the conduct of tests requested by unified and specified commands and for conduct of the joint chemical-biological contact point.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0605712A Support of Operational Testing;X-80-005;
Includes civilian and military manpower authorizations and related costs as applicable. Includes travel expenses, supplies, and associated costs specifically identified and measurable to the following: Recurring costs for operation of the TRADOC Test Boards; direct costs incurred by OTEA, TRADOC or a test support activity in the conduct of Initial Operational Test and Evaluation (IOTE) of materiel systems to include hardware costs other than the item under test (e.g., special range instruments required to support a particular IOTE) and additional people-related costs (e.g., travel and overtime); on-site user testing of US Army Communications Command equipment (starting in FY 80); concept evaluation of materiel providing TRADOC commanders with a quick, simple process for resolving or solidifying combat and training development rationale pertinent to materiel requirements; development of instrumentation, threat simulators, and targets required to support user testing (including IOTE, other operational tests and force development testing and experimentation (FDTE) and to create a realistic test environment. TRADOC operational testing projects are included in this PE starting in FY 81;

Excludes military construction costs which are included in appropriate management and support elements in this program. Also excludes costs to procure generally useful nondevelopmental instrumentation, costs of conducting operational tests subsequent to commitment to production, costs of conducting FDTE, personnel costs incurred by OTEA in supervising IOTE of non-major systems conducted by other agencies, and costs of standard items regularly procured to meet general requirements and not consumed in the course of test.

0605713A Battlefield Systems Integration (H);X-2-001;
Includes civilian and military manpower authorizations and related costs as applicable. Includes RDTE funds for creative, interdisciplinary design and analysis treating the Army in the field as a whole system to be improved, rather than dealing with each of its functionally oriented elements (e.g., air defense, armor) separately. Provides a continuing overview of Army systems development to insure the gaps in combat capabilities are filled, that new systems are compatible with those they will join on the battlefield, and that the overall materiel development effort achieves a significant gain in the effectiveness of the fighting force.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0605714A Foreign Weapons Evaluation (H);X-80-002;
Includes civilian and military manpower authorizations and related costs as applicable. Includes evaluation of foreign free world military materiel, either in the late stages of development or deployed, which appear to meet approved or generally perceived US Army requirements. Limited test and evaluation enables decisionmakers to consider, early in the US Army requirements definition phase, whether or not a foreign system fills a US Army need and can be considered as a viable alternative to a US development program. This provides advantages such as improved capability, decreased acquisition costs, and early operational capability.

Excludes military construction costs which are included in appropriate management and support elements in this

program.

NOTE: This PE is not funded starting in FY 80. The effort is incorporated into PE 0605111D.

0605715A Defense Systems Management College (H);X-4-02;
Includes support costs associated with special acquisition management research and special studies performed by the Defense Systems Management College as directed by Office, Secretary of Defense.

Excludes civilian and military manpower.

0605796A Base Operations - AMC Major Subordinate Commands/Labs;X-95-1;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following functional categories of effort:

Administration: Installation Headquarters Administration and Command (including squadron level responsible for Base Operations), Installation Comptroller Services, Installation ADP Services, Installation Information Activities, Installation Legal Activities, Civilian Personnel Administration, Installation Military Personnel, Administration Installation Printing and Reproduction, Installation Safety, Installation Management Analysis/Management Engineering.

Retail Supply Operations: Installation Supply Activities, Installation Procurement Operation, Installation Storage Activ ities.

Maintenance of Installation Equipment: (Includes maintenance of administrative aircraft, vehicles and equipment; but excludes maintenance of tactical equipment, combat vehicle and mission aircraft).

Other Base Services: Installation Transportation Activities, Installation Training (excludes Troop training and tactical exercise). Installation Physical and Police Activities, Laundry and Dry Cleaning (for troop support and other appropriated fund activities). Installation AirField/Air Base Operations (control tower, weather, flight service, etc.) Installation Restoration.

Bachelor Housing Operations and Furnishing: (management; housing assignment, care of quarters, provisions, care preservation and maintenance of furnishings, etc.)

Other Personnel Support: Food Service; Social Action; Community Service; Chaplain Services; Bands; Morale, Welfare and Recreation.

Excluded are the following functional categories which are a part of the standard definition of Base Operating Support, but are reported under separate PEs: Real Property Services, Minor Construction, Maintenance and Repair, Base Communications, Commissary Operations (Retail and Troop Issue), Station Hospitals, Medical and Dental Clinics and Dispensaries, Family Housing.

0605801A Programwide Activities;X-80-002;
Includes civilian and military manpower authorizations and related costs as applicable, and RDTE funds necessary

to cover expenses incident to the local operation and management of Army research and development installations (except Army industrial fund installations) not identifiable with specific research and development projects financed under other program elements.

Excludes Management Headquarters for DARCOM Headquarters (R&D); Management Headquarters spaces and associated costs for subordinate headquarters of six ACOM Research and Development Commands - see PE 0605898A.

0605802A International Cooperative Research and Development;X-80-002;
Includes civilian and military manpower authorizations and related costs as applicable, and RDTE funds to seek out and encourage cooperative research and development projects with allies in order to reduce net costs to each, enhance standardization of defense equipment through cooperative efforts, and exchange research and development technological information to reduce duplication and increase the technological base available to all participating countries.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0605803A Technical Information Activities;X-79-011;
Includes civilian and military manpower, and RDTE funds to support the effort for continued improvement of those scientific, technical, and management information activities that are required for the execution and management of the Army RDTE program. Continued improvements will be made in the collection, storage, retrieval, and dissemination of management, engineering, chemical, and other specialized classes of information needed by Army managers, scientists, and engineers. Benefits to the Army that will be obtained from these improvements will result in reduction of information search time on the part of managers and bench-level scientists and engineers, improvement of accuracy and timeliness of information, improvement of relevancy of information, and improvement in delivery of information in proper form. As a direct result of this effort, the program has and will continue to result in over-all improvement of RDTE management, shortening of materiel development cycle time, elimination of undesirable duplication of RDTE effort, reduction of false starts in RDTE programs, reduction of RDTE costs, and improved information support to related non-RDTE programs. Specific benefits include correlation of work in progress with requirements for more effective management control; more effective RDTE program financial and other resources management; ability to transmit drawings between installations for immediate review, approval, or modification; search and retrieval of chemical compounds to include all pertinent references; computer-aided design of electronic devices, weapons systems, and information systems; improved information storage devices; more efficient medical data handling systems; and improved methodology for design and improvement of information systems effectiveness using system performance evaluation and utilization techniques.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0605804A Army Materiel Command Major Ranges and Test Facilities;X-8-03;
Includes civilian and military manpower authorizations and related costs as applicable. Includes travel expense, peculiar and support equipment, necessary facilities, supplies, and the associated costs specifically identified and measurable to the following: This program element comprises seven projects, each of which supports a primary development test (DT) activity of the Department of the Army. Testing is also accomplished for other Department of Defense and government agencies, as appropriate. Yuma Proving Ground conducts DT of air delivery equipment, air

movable equipment, aircraft weapon systems, and long range tube artillery. Aberdeen Proving Ground conducts DT of munitions, weapons systems, vehicles, and support equipment. Dugway Proving Ground conducts DT of chemical weapons and chemical/biological defense systems, as well as flame, incendiary and smoke munitions systems. White Sands Missile Range conducts missile, aircraft and space vehicle DT. Electronic Proving Ground conducts DT of communications-electronics and electronics warfare equipment and systems. Cold Regions Test Center, Tropic Test Center and Yuma Proving Ground conduct environmental phases of DT. Specifically these projects provide funding for procurement of improvement and modernization of instrumentation, base operations and other test costs not readily identifiable to users or customers of the test facility (e.g., a material development project).

Excludes all costs directly identifiable to a particular "customer" of the test facility (e.g., a materiel development project); military construction costs; and procurement of items in direct support of production base support testing.

0605805A Munitions Standardization, Effectiveness and Safety;X-2-004;;
Includes civilian and military manpower authorizations and related costs as applicable. This program provides a mechanism for inter-Service (Army, Navy, Air Force, Marine Corps) military departments to improve the data base and analytical methodology, to standardize testing, and to correct and analyze combat data used in the determination and validation of non-nuclear effectiveness. Prepares, publishes, and continuously updates joint Service munitions effectiveness manuals for air-to-surface, surface-to-surface, and anti-air non-nuclear ordnance. Provides a basis for conducting special studies utilizing the Services' expertise on munitions and weapons systems as requested by DOD and JCS. Accomplish modeling and full- scale test, scientific, and engineering studies directed toward development and improvement of DOD explosives and chemical agent safety standards. Assures complete interchangeability of small caliber and automatic cannon ammunition and weapons among all NATO countries.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0605806A DoD High Energy Laser Systems Test Facility (H);X-8-03;
Includes manpower authorizations, base operations, travel expenses, peculiar and support equipment, supplies, and other costs not readily identifiable to users or customers of the test facility. The Department of Defense High Energy Laser Systems Test Facility has the mission of providing support for component and system tests of various national and Service high energy laser programs.

Excludes all costs directly identifiable to a particular "customer" of the test facility (e.g., a materiel development project); military construction costs; and procurement of items in direct support of production base supporting testing.

0605807A Modular Automated Integrated Systems Interoperability T&E (MAINSITE) (H);X-5-01;
Includes acquisition of instrumentation, equipment and software for Modular Automated Integrated Systems Interoperability Test and Evaluation (MAINSITE). MAINSITE will provide the Electronic Proving Ground, Fort Huachuca, AZ, with an advanced test capability covering all phases of EPG's test mission relative to complete performance testing of command, control, communications and intelligence (C3I) systems and their interoperability with other systems. In essence, MAINSITE will completely modernize EPG for effective and efficient testing of C3I systems. The funds in this program element provide for the investment costs along with contractor support in acquiring the equipment.

Excludes all costs for operating and maintaining MAINSITE equipment which will be funded under project DE94, PE 0605804A, DARCOM Major Ranges and Test Facilities. Excludes military construction costs, military personnel pay, production base support procurement and direct costs reimbursement by users.

0605808A Manuftg. Methods & Technology/Mil. Adaptation of Commercial Items (H);X-8-03;
The Manufacturing Methods and Technology (MMT) program provides improvements to manufacturing processes, techniques, and equipment to bridge the gap between research and development and full-scale production, reduces US reliance on foreign technology, and assists in rebuilding the Defense Industrial Base. These projects and expected to result in a "factory floor" application of productivity enhancing technologies and are viewed as seed money investments necessary to reduce the technical/fiscal risks of follow-on implementation of the results by the private sector. The Military Adaptation of Commercial Items (Procurement Appropriation Transfer) (MACI(PAT)) program conducts operational valuation of commercial items which are to be used as a replacement for standard items in the Army inventory when the standard item is no longer available to meet the need and/or significant savings can be realized.

(MMT and MACI are two uniquely identifiable programs. Accordingly, separate project numbers for these programs will be assigned under this program element.)

0605810A RDT&E Support for Nondevelopmental Items;X-6-02;
Includes RDT&E funds for Market Investigation Developments, nondevelopmental items (NDI) modification and/or integration testing, and efforts previously funded by the Military Adaptation of Commercial Items (MACI) project. The NDI will contain two projects: (1) NDI Market Investigations, and (2) NDI Testing.

Excludes civilian and military manpower authorizations and related costs as applicable and military construction costs.

0605853A Environmental Conservation;X-94-6;;
Conservation includes any action specifically required to protect or enhance natural and cultural resources, preserve access to improved and unimproved training areas, and make necessary repairs to minimize erosion and otherwise rehabilitate DoD lands and waters. This includes complying with federal, state and local codes such as the National Historic Preservation Act, Archaeological Resources Protection Act, Native American Graves Protection and Repatriation Act, Endangered Species Act, Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), and the Sikes Act.

Funds all costs associated with direct support of conservation activities, including:

A. Studies and surveys to identify, inventory, and manage existing natural and cultural resources and evaluation of the resources so identified and inventoried;
B. Management costs, including workyears devoted to natural and cultural activities and preparing natural and cultural resource management plans;
C. Permits for use of natural and cultural resources;
D. Certification of innovative technology for DoD applications;

E. Design, construction, maintenance or repair costs specifically required to restore, improve or maintain natural or cultural resources;
F. Supplies and equipment required to carry out applicable natural and cultural resources management activities;
G. Appropriated funds attributable to fish, wildlife, agricultural outleasing and timber management activities.

Excludes:

A. Base Closure costs associated with these programs;
B. Normal maintenance required for appearance, including landscaping;
C. NEPA costs associated with facilities or weapons systems which are included in facility or weapon system costs;
D. Activities funded in the Defense Business Operations Fund (DBOF), which are charged to the appropriate DBOF program elements.

0605854A Pollution Prevention;X-94-6;;
Pollution prevention is any action that is designed to reduce or eliminate (rather than control or treat) the future impact that an operation may have on the environment (including impacts to the air, surface and ground waters, vegetation and soils) through the source reduction of pollutants, more efficient use of natural resources, recycling, and/or reduced emissions of toxic and other undesirable materials or wastes to the environment.

Funds all costs associated with pollution prevention, including:

A. Certification of innovative technology for DoD applications;
B. Any laws, Executive Orders, or DoD policies that apply specifically to pollution prevention efforts;
C. Initial acquisition of environmentally acceptable replacements for hazardous materials required to comply with pollution prevention standards; (excludes normal replacement of hazardous material with less hazardous materials);
D. Installation level pollution prevention plans, assessments, equipment, and projects;
E. Review and modification of standardized documents for the sole purpose of eliminating or reducing the use of toxic chemicals and/or hazardous materials;
F. Cost of personnel and office operations directly involved with pollution prevention programs (including recycling programs);
G. Any facilities construction costs or maintenance costs primarily required to meet pollution prevention goals;

Excluding:

A. Research and development efforts associated with pollution prevention, which are covered under specific R&D program elements;

B. Normal infrastructure maintenance and repair to keep a system in good working order or system replacement as part of normal replacement cycles;
C. Activities funded in the Defense Business Operations Fund (DBOF), which are charged to the appropriate DBOF program elements;
D. Activities funded as part of a larger system acquisition program, which should be separately identified through cost accounting codes under the main system acquisition program element. For example, pollution prevention efforts included in the design of a new weapon system would be under the PE of the weapon system;
E. Base closure costs associated with these programs;
F. Activities funded within Family Housing program elements.

0605856A Environmental Compliance;X-94-6;;
Environmental Compliance includes actions to achieve and maintain full and sustained compliance with federal, state, and local environmental laws and regulations, Executive Orders, host nation regulations and DoD policies. Applies to workyears, training, travel, supplies, permits, fees, support equipment, service, and facilities (if the primary purpose is to comply with environmental standards) and the associated costs specifically identified and measurable to environmental compliance.

Funds all costs related to environmental compliance, including:

A. Recurring costs of environmental program management, daily operations and services, permits, fees, certifications, studies, and licenses; civilian workyears; education and training of environmental programs; hazardous waste management and disposal; sampling, analysis, monitoring and surveys; supplies, equipment, and travel.
B. Nonrecurring costs of projects/services required to bring DoD into compliance with environmental standards or comply with a notice of violation (Class I); to prevent DoD from failing to meet impending environmental standards (Class II); or to enhance the environment beyond legal requirements (Class III);
C. Pest management programs to meet FIFRA standards for pest management and pesticide storage, handling or use standards;
D. Overseas cleanup, as well as overseas compliance, efforts; and
E. Certification of innovative technology for DoD applications.

Excluding:

A. Efforts funded under Defense Environmental Restoration Account, Conservation, Pollution Prevention, BRAC or Occupational Health and Safety auspices;
B. Research and Development efforts associated with compliance, which are covered under specific R&D program elements;
C. Normal maintenance and repair to keep systems in working order, system replacement as part of normal replacement cycle; and normal installation operations (i.e. solid waste disposal including tipping fees, landfill

operations, etc.); normal wastewater treatment plants, both domestic and industrial, which are appropriately included in base operations;
D. Upgrade/alteration of an industrial process undertaken for other than environmental purposes;
E. Environmental certification/licenses funded separately from mandatory requirements and training;
F. Routine pest control applications required to preserve structural integrity, properly charged to RPM and health applications, such as, mosquito control.

0605872A Productivity Investments;X-1-003;;
Provides "set-aside" RDT&E resources to finance productivity enhancing capital investments including component-sponsored investments. Candidate projects are included which meet the established DoD criteria in DoD Instruction 5010.36 and component criteria as described below:

Each project must (a) demonstrate adequate return on investment and compete for funding based on first four years of operations, (b) amortize during the economic life of the project, and (c) comply with all existing policies and regulations governing acquisition and management of equipment and facilities.

Excludes non-RDT&E funded productivity enhancing investments (See 09012150).

0605876A Minor Construction (RPM) - RDT&E ;X-91-3;;
Includes manpower authorizations, peculiar and support equipment, necessary faclities and the associated cost specifically identified and measurable to the following:

All construction costing less than the statutory maximum amount for a Minor Military Construction project as established by section 2805 of title 10 U.S.C.in support of R&D laboratories and other installations with a primary mission of research and development or test and evaluation.

0605878A Maintenance and Repair (RPM) - RDT&E ;X-91-3;;
Includes manpower authorizations, peculiar and support equipment, necessary faclities and the associated cost specifically identified and measurable to the following:

Maintenance and repair of real property, i.e., utilities, buildings, other facilities, pavements, (roads, parking areas, runways, etc.), land, and grounds. Includes, but not limited to, such things as repair of electrical circuitry, heating and air conditioning, water piping, and routine maintenance work such as caulking, painting, etc in support of R&D laboratories and other installations with a primary mission of research and development or test and evaluation.

0605879A Real Property Services (RPS) - RDT&E;X-94-7;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs of utility plant operations, purchased utilities, air conditioning and refrigeration, utility fuels, fire protection, crash rescue, snow removal and ice alleviation, entomological services, window glass replacement, elevator

maintenance/inspection, custodial services, refuse collection and disposal, sewer and waste systems, rental of real property, facility engineering and public works management, other installation engineering services and other annual service requirements performed in-house or by contract.

0605889A RDTE Support to CINC Counternarcotics Activities;X-0-03;
Includes manpower authorizations and related costs as applicable. This program element is for use by Army activities in execution of CINC Counter Narcotics Programs funded by transfer appropriation from DOD Counternarcotics Funds Account. Activities funded in this program element will only be those approved by the Secretary of Defense and supported by transfer appropriation.

Excludes baseline activities for counternarcotics resourced in standard service program elements and Special Operations activities in Major Program 11.

0605890A Visual Information Activities-R&D (H);X-8-03;
Funds Visual Information programs, consisting of the following subsets: Visual information (VI) productions and services and VI support.

Includes manpower authorizations and costs, travel, contractual services, procurement of supplies and materials, expense equipment, necessary facilities and the associated costs specifically identified, separable into "in-house" and "contract" portions, and measurable to the following R&D functions, as appropriate:

o VI Productions and Services. Produce or acquire VI productions (i.e., slide and slide-sound sets, film strips, multi-media, video disc, audio productions, combination media), and motion media with sound. Includes resources for scripting, preproduction, production, postproduction, libraries, duplication, distribution, production project management, and other related and associated services.

o VI Support. Provide VI operational (combat and technical) documentation, still and motion picture photography, video, audio, radio and television closed circuit and broadcasting (not Armed Forces Radio and Television Service (AFRTS)) services, graphic art, VI records centers, VI records holding facilities, presentation support, repair and maintenance, video teleconferencing terminals, related and associated services, and their supervision.

o Joint Visual Information Services (JVIS). Resources to operate and maintain JVIS production, depository, and distribution activities assigned by OASD(PA), as a joint mission for DoD.

Excludes VI management at command and component headquarters and OSD. Excludes technical documentation support not available from base VI services, integral to the mission of organizations supported, and identified in other program elements. VI equipment integral to technical documentation functions is also excluded. It does not include VI activities with discrete program elements such as: Armed Forces Radio and Television Service.

0605894A Real Property Maintenance - RDT&E (H);X-93-2;;
Includes manpower authorizations, peculiar and support equipment, specifically identified and measurable to the following:

Real property maintenance at fixed telecommunications installations. Maintenance and Repair of all real property, utilities systems, buildings, other facilities, pavements (roads, parking areas, etc.), land (grounds), Minor

construction (with other than military construction funds).

Includes all resources in functional categories 9, 10, 11 and 12 as defined in DoD Instruction 7220.20. Also includes all resources (except manpower and military pay) used by groups/units assigned to specific BOS tasks on an ad hoc basis such as Army engineer units assigned to repair/construct facilities, roads, parking areas, etc., even if the work is classified as A military unit training project.

Excludes costs of maintaining family housing. See PE 08087460, Family Housing Maintenance. Excludes Environmental Compliance (separate PEs).

0605896A Base Operations - RDT&E;X-95-1;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following functional categories of effort:

Administration: Installation Headquarters Administration and Command (including squadron level responsible for Base Operations), Installation Comptroller Services, Installation ADP Services, Installation Information Activities, Installation Legal Activities, Civilian Personnel Administration, Installation Military Personnel, Administration Installation Printing and Reproduction, Installation Safety, Installation Management Analysis/Management Engineering.

Retail Supply Operations: Installation Supply Activities, Installation Procurement Operation, Installation Storage Activ ities.

Maintenance of Installation Equipment: (Includes maintenance of administrative aircraft, vehicles and equipment; but excludes maintenance of tactical equipment, combat vehicle and mission aircraft).

Other Base Services: Installation Transportation Activities, Installation Training (excludes Troop training and tactical exercise). Installation Physical and Police Activities, Laundry and Dry Cleaning (for troop support and other appropriated fund activities). Installation AirField/Air Base Operations (control tower, weather, flight service, etc.) Installation Restoration.

Bachelor Housing Operations and Furnishing: (management; housing assignment, care of quarters, provisions, care preservation and maintenance of furnishings, etc.)

Other Personnel Support: Food Service; Social Action; Community Service; Chaplain Services; Bands; Morale, Welfare and Recreation.

Excluded are the following functional categories which are a part of the standard definition of Base Operating Support, but are reported under separate PEs: Real Property Services, Minor Construction, Maintenance and Repair, Base Communications, Commissary Operations (Retail and Troop Issue), Station Hospitals, Medical and Dental Clinics and Dispensaries, Family Housing.

0605898A Management Headquarters (Research and Development);X-2-004;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

DARCOM Headquarters (Research and Development) Headquarters of the subordinate research and development commands of the Army Materiel Development and Readiness Command (DARCOM) including: Aviation Research and Development Command (AVRADCOM), Tank-Automotive Command (TACOM), Communications Research and Development Command (CORADCOM). Electronics Research and Development Command (ERADCOM).
Other Army Management Headquarters containing research and development resources, including Office of Engineers HQ US Army Corps of Engineers and HQ, Medical Research and Development Command.

Includes RDT&E funds for reimbursement to AIF for HQ, Missile Command (MICOM) and HQ, Armaments Research and Development Command (AARADCOM).

Excludes nonmanagement headquarters resources (refer DoDD 5100.73), and Army Industrial Fund (AIF) manpower (See PE 0605098A).

0605901A Service Support to Defense Agencies-RDTE Defense Wide Mission Support ;X-0-09;
Includes military personnel support to Defense Agencies--RDTE Defense Wide Mission Support.

0605902A Service Support to Defense Agencies Warfare & Strategic Mobility;X-0-09;
Includes military personnel support to Defense Agencies Warfare and Strategic Mobility.

0605903A Service Support to OSD (H);;
Includes military personnel support to the OSD (military manpower and associated military personnel costs).

0605904A Service Support to ARPA;;
Includes military personnel support to the ARPA (military manpower and associated military personnel costs).
Primary activity supported: Research and Development.

0605905A Service Support to Defense Agencies- Theatre & Tactical C3I;X-0-09;
Includes military personnel support to Defense Agencies Theatre & Tactical C3I.

0605906A Service Support to DNA;;
Includes military personnel support to the DNA (military manpower and associated military personnel costs).
Primary activity supported: Research and Development.

0605907A Service Support to BMDO;X-5-01;
Includes military manpower service support to the Ballistic Missile Defense Organization.

0605908A Service Support to TJS;X-5-01;

Includes military manpower service support to the The Joint Staff.

0601103N University Research Initiatives;X-5-01;
This program element funds DoD relevant research efforts as part of a coordinated action by the Army, Navy, Air Force and ARPA at U.S. universities and colleges. Efforts include research instrumentation, graduate fellowships, faculty development and potentially high payoff research projects in emerging technologies such as materials and structures, biotechnology, computer science and microelectronics.

Excludes manpower authorizations and related costs.

0601152N In-House Independent Laboratory Research;;
Includes funds to provide an effective and rapid mechanism for stimulation and exploitation of new ideas in science and technology related to interests of the Navy. Objectives are to initiate promising research, to accelerate new developments which may occur out of phase in budget cycles, to enhance the competence of the in-house laboratories, and to attract and retain high quality, creative technical personnel. These efforts are conducted in Navy laboratories, the U.S. Navy Postgraduate School, the U.S. Naval Academy, and in the Bureau of Medicine and Surgery, and Bureau of Naval Personnel RDT&E field activities.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0601153N Defense Research Sciences;;
Includes RDT&E funds to conduct research in the physical, engineering, environmental, and life sciences in order to obtain information and understanding which can lead to discoveries of potential importance to the Navy, the solution of Navy technical problems, and the improvement of Naval operations.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0601572N Navy Dual Use Technology Program;X-94-4;;
This program stimulates the creation of new, cost effective technologies to respond to future Navy requirements; helps translate new military technology into practical economic use; and encourages the use of lower-cost commercial technology in Navy applications.

0602101N Tactical Directed Energy Technology (H);X-5-12;
Includes RDT&E funds for the development of directed energy technology for Navy tactical missions in the maritime environment at modest ranges.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0602111N Surface/Aerospace Surveillance and Weapons Technology;X-92-5;;

Includes RDT&E funds to provide for exploratory development of technologies to support future surveillance and weapons development for surface, air, and space platforms. Will provide advanced capabilities and system performance in weapon systems needed to respond to an extensive range of threat situations in AAW and ASuW. Specific technologies of interest include: Air Launched Weaponry: guidance, fuzing, warheads, structures, aerodynamics, missile and gun propulsion, and airborne fire control; Surface Launched Weaponry: guidance, fuzing, warheads, structures, aerodynamics, ship gun, and ship fire control; Surveillance and Target Acquisition (Aircraft, Ship, Spacecraft): radar, radiometry, infrared, TV, and ESM; Tactical Directed Energy: high power lasers, charged particle beams, high power microwaves, and associated pulsed power components.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0602113N Electronic Warfare Technology;X-5-12;
Includes RDT&E funds for exploratory development of technology to provide naval air, surface, and spaceborne platforms the capability to counter current and anticipated threat offensive and defensive radio frequency and infrared systems. The technology areas in this element include: Airborne Electronic Warfare: radio frequency countermeasures (on board and expendable), infrared countermeasures and pyrotechnic decoys, counter surveillance, counter targeting, and counter terminal defense; Shipborne Electronic Warfare: radio frequency countermeasures, infrared countermeasures, counter surveillance, counter targeting, and counter terminal defense; General Electronic Warfare Technology (Non Platform Specific): C3 countermeasures, methods to deny ocean surveillance satellite use, and anti-satellite weapon countermeasures.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0602121N Surface Ship Technology;X-93-4;;
Includes RDT&E funds for exploratory development of surface ship technologies to reduce acquisition and support costs and to improve combat capabilities. The technologies of this program element include: Covertness/Survivability: acoustic and non-acoustic signature reduction, safe delivery range of weapons, electromagnetic environment protection, and damage control; Hull, Machinery, and Electrical: expansion of operability in high Sea States, structural efficiency, logistics cost reduction, reduction of power requirements for propulsion and auxiliary machinery, fuel consumption reduction, system technology impact assessment, and advanced cost analysis methods.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0602122N Aircraft Technology;X-5-12;
Includes RDT&E funds for aircraft exploratory development. Aircraft are defined as those self-propelled, boosted, or towed airborne vehicles used for the strategic and tactical deployment of forces, weapons, materials, and supplies in support of naval warfare. Projects within this program element are limited to those in which the principal objective is to provide the necessary understanding and application of the following technologies to Navy and Marine Corps aircraft. The technologies embraced in the Naval Vehicle program element include weapon system analysis, fluid dynamics, structures, vehicle control, electrical energy conversion, main propulsion systems (non-nuclear) auxiliary equipment, installed provisions for crew safety and escape, vehicle noise and

signature reduction, and vehicle handling/servicing equipment. The work includes system, subsystem, and component analysis and design, plus testing and small hardware development. The essential objective of the effort in this element is to provide the necessary understanding and application of the above technologies to future aircraft for the U. S. Navy.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0602131M Marine Corps Landing Force Technology;X-7-09;
Includes RDT&E funds to develop the technologies needed to support unique Marine Corps requirements for amphibious warfare and subsequent operations ashore. Exploratory development is focused on requirements that meet unique Marine Corps needs or serve to complement or supplement developmental work done by the other armed services. Because of mission and organizational requirements, developmental needs cover a broad spectrum of technology. This spectrum includes but is not limited to tactical surveillance, C3, surface weapons, aviation equipment and weapons, surface mobility, land mine countermeasures, training devices and simulators, remote sensing, CBR defense, amphibious and advance base logistics, and manpower and training technologies. The work includes analysis, design and test of systems, subsystems, and components; also included is the complete development of some minor hardware items.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0602232N Command, Control, and Communications Technology;X-5-12;
Includes RDT&E funds for exploratory development of technology that is the basis for providing needed C3 capability for naval decision makers at all levels of command for both strategic and tactical forces. Technology areas of interest are: Communications Technology: to provide timely, secure, and enduring connectivity communications for naval forces; Command and Control Technology: to provide information management capabilities that will support real time command decision making at all levels; and Navigation Technology: to provide accurate 3-D position information for forces on a global scale.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0602233N Readiness, Training, and Environmental Quality Technology;X-94-3;;
Includes RDT&E funds for exploratory development of technologies that will provide the Navy with operational sustainability through improvements in developing manpower skills and improvements in environmental control and protection capabilities, logistics, and facilities. Technologies of interest include: Environmental Protection Technology: pollution abatement (air, water, noise, hazardous materials); Logistics Technology: material handling, distribution, and control; Simulation and Training Device Technology: expanded capability and cost effectiveness improvements in Navy simulation and training devices; Education and Training Technology: computer-based training systems; Manpower and Personnel: personnel resource utilization; Biomedical: casualty care and personnel protection; and BW/CW Defense: individual/collective protection. Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0602234N Materials, Electronics and Computer Technology;X-92-5;;

Includes RDT&E funds for exploratory development of technologies that support the improvements and advancement of naval systems. Technology development topics include: Materials for aircraft, ships, submarines, and weapons to increase system performance at reduced operation and maintenance cost; Human Factors for man-machine systems improvements; Electron Device development of RF/MW/MMW and electro-optic materials and components for application to improved and advanced Navy systems; and Computer Hardware and Software developments necessary to support advanced naval systems including artificial intelligence.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0602241N Aircraft Technology (H);X-5-12;
Includes RDT&E funds for aircraft exploratory development. Aircraft are defined as those self-propelled, boosted, or towed airborne vehicles used for the strategic and tactical deployment of forces, weapons, materials, and supplies in support of naval warfare. Projects within this program element are limited to those in which the principal objective is to provide the necessary understanding and application of the following technologies to Navy and Marine Corps aircraft. The technologies embraced in the Naval Vehicle program element includes weapon system analysis, fluid dynamics, structures, vehicle control, electrical energy conversion, main propulsion systems (non-nuclear) auxiliary equipment, installed provisions for crew safety and escape, vehicle noise and signature reduction, and vehicle handling/servicing equipment. The work includes system, subsystem, and component analysis and design, plus testing and small hardware development. The essential objective of the effort in this element is to provide the necessary understanding and application of the above technologies to future aircraft for the U. S. Navy.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0602270N Electronic Warfare Technology;X-93-4;;
Includes RDT&E funds for exploratory development of war at sea EW technologies, to counter threats such as multi-spectral/multi-mode sensors and seekers spanning the entire ele ctromagnetic spectrum (radio frequency, infrared, electro-optical, ultra violet, and millimeter wave) through improvements in threat detection, identification, and location performance. Emphasizes Unintentional Modulation on Pulse/Low Probability of Intercept signals detection and countermeasures, and EW threat warning integration.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0602314N Undersea Surveillance Weapon Technology;X-93-4;;
Includes RDT&E funds for exploratory development efforts which will develop capabilities to search for, detect localize, and deliver weapons to destroy enemy submarines. Developments include: technology for stationary and mobile surveillance sonar systems; technology for improving lightweight and heavyweight torpedoes and development of new weapons for causing catastrophic damage to hostile submarines. ASW development topics include: Undersea Target Surveillance Technologies: air, surface, subsurface and wide area undersea surveillance systems to detect, classify, track, and localize undersea targets in all environments. Torpedo Technologies: homing and guidance, propulsion ship and submarine torpedo countermeasures; Warhead Technologies; insensitive/high energy explosives, and fuzing.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0602315N Mine Countermeasures, Mining and Special Warfare;X-93-4;;
Includes RDT&E funds for exploratory development of technologies appropriate to undersea mines, mine countermeasures, ordnance detection and disposal, and naval special warfare missions. Development topics include: Mine Technology: undersea minefield systems, sensor components delivery, and applications theory; Mine Countermeasure Technology: air and seaborne systems and techniques, with the ultimate objectives of disposing of emplaced ordnance (minesweeping, minehunting, and mine neutralization): Explosive Ordnance Disposal Technology: explosive ordnance disposal equipments and techniques for identification and neutralization of all ordnance; and Special Warfare Technology: mobility, weapons, and life support all with the objective to increase the combat range, effectiveness, and probability of mission success for naval special warfare units.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0602323N Submarine Technology;X-93-4;;
Includes RDT&E funds for exploratory development of technologies to improve submarine combat capabilities and to reduce acquisition and support costs. Areas of development include: Hull, Machinery, and Electrical Technology: self noise reduction, reductions in propulsion power requirements, quiet and efficient propulsors, increased operating envelope, increased structural efficiency, logistics cost reductions, ship system technology impact assessment, and advanced costs analysis methods; and Covertness/Survivability Technology: submarine signatures reduction, safe delivery range of weapons, and improvements in damage control.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0602324N Nuclear Propulsion Technology;X-92-5;
Includes RDT&E funds for research directed toward the solution of limiting areas in the application of nuclear propulsion to Navy ships. The objectives include: improve propulsion plant and component performance, greater plant simplicity and standardization, longer life, reduced operating noise, reduced space and weight requirements, and better reliability and maintainability.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0602331N Missile Propulsion Technology (H);X-5-12;
Includes RDT&E funds to provide for the exploratory development of the technology applicable to the improvement and fabrication of new missile propulsion systems, subsystems, and components which will meet the needs and requirements of the Navy. It provides for new and more effective means by which enemy ships, aircraft, surface armament, and other targets in the air, underwater, and on land may be defeated by destructive or nondestructive measures. Included is work on the propulsion subsystems of strategic and tactical weapons systems, guided and unguided missiles, and aerodynamics.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0602332N Surface/Aerospace Weaponry Technology (H);X-5-12;
Includes RDT&E funds to provide for the exploratory development of concepts, techniques components, and systems which support surface-to-surface, surface-to-air, air-to-surface, and air-to-air weapons and control systems. It provides a ready technology base which is applied to the improvement of existing systems as well as future threats and requirements which require advanced, innovative technology. Indicative of the types of disciplines involved are systems investigations which define lucrative exploitation areas; weapons structures and dynamics; weapon guidance and control; weapon counter-countermeasures; warhead and fuzes; special weapons having innovative kill characteristics; and energy sources which meet difficult weapons requirements.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0602435N Oceanographic and Atmospheric Technology;X-92-5;
Includes RDT&E funds to support technology developments in environmental factors affecting naval material and operations. Environmental areas of concern are the atmosphere, including space, the ocean, and the polar regions. Environmental factors are limited to those which affect planning, operations, tactics, and the design and performance of military equipments. It includes studies and investigations and the development of techniques and prototype equipment to improve the Navy's capability to measure parameters to define the environment, to predict its future state, to convert these data into militarily significant terms, and to display them in formats suitable for various planning and tactical needs.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0602542N Nuclear Propulsion Technology (H);X-5-12;
Includes RDT&E funds for research directed toward the solution of limiting areas in the application of nuclear propulsion to Navy ships. The objectives include: improve propulsion plant and component performance, greater plant simplicity and standardization, longer life, reduced operating noise, reduced space and weight requirements, and better reliability and maintainability.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0602543N Ship and Submarine Technology (H);X-5-12;
Includes RDT&E funds to develop the technologies needed to improve existing marine vehicles and to create new types of ships, submarines, boats, and other naval craft. The technology areas in this element include fluid dynamics, structures, vehicle control, electrical energy conversion, main propulsion systems (non-nuclear), auxiliary machinery and related equipment, personnel protection and damage control, ship silencing (noise, magnetic, and electromagnetic), vehicle handling, and complete weapon system analysis. The work includes analysis, design, and test of systems, subsystems, and components; also includes complete development of some

small hardware items.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0602572N Navy Dual Use Technology Program;X-94-4;;
This program stimulates the creation of new, cost effective technologies to respond to future Navy requirements; helps translate new military technology into practical economic use; and encourages the use of lower-cost commercial technology in Navy applications.

0602633N Undersea Warfare Weaponry Technology;X-5-12;
Includes RDT&E funds to provide technology for undersea warfare weapons including torpedoes, mines, destructors, launchers, warheads, fuzes, explosives, propellants, target acquisition, guidance, fire control, countermeasure protection systems and components.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0602711N Undersea Target Surveillance Technology (H);X-5-12;
Includes RDT&E funds for exploratory development of undersea, surface, and airborne sensor system technology aimed at the detection, identification, classification and localization of undersea targets. Of interest are all undersea targets such as submarines, and swimmers and their employed weapons which are presumed to be hostile and employing inherent characteristics of high speed, evasive maneuvering and sophisticated countermeasures.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0602712N Surface and Aerospace Target Surveillance Technology (H);X-5-12;
Includes RDT&E funds for exploratory development of surface and aerospace sensor system technology aimed at the detection, identification, classification, and localization of surface and aerospace targets. Targets of interest include aircraft, spacecraft, and surface craft, and their employed weapons which are presumed to be hostile and employing inherent tactical characteristics of high speed, evasive maneuvering, sophisticated countermeasures, and control of electromagnetic radiation. The essential objective of the effort in this element is to achieve extended range and detection and classification, effective operation in a countermeasures environment and against a multiplicity of diverse targets, and reliable system operation with acceptable cost of ownership. The program exploits surveillance approaches which include radar, electromagnetic intercept, lasers, optical and infrared radiometry, and photography.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0602721N Command and Control Technology (H);X-5-12;

Includes RDT&E funds to accomplish exploratory development in support of Navy command and control systems designed to acquire, process, and disseminate information required by a commander in planning, directing and controlling operations. Efforts encompass acoustic, electromagnetic, wire, and other communication technology; acoustic, radio frequency, optical/infrared/ultraviolet, inertial and other navigation technology; and data processing including information transformation, storage, retrieval, and display technology. Efforts also include the acquisition of observational data for predicting the position of celestial and space bodies with a high degree of accuracy. Specific objectives are to provide solutions to the Navy's command and control problems by developing extremely reliable, versatile, jam resistant, and secure communication systems, navigation systems, and data processing systems, including tactical displays.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0602734N Countermeasures Technology (H);X-5-12;
Includes RDT&E funds to provide for the exploratory development of the technology applicable to improvement and fabrication of electronic warfare, mine countermeasures, torpedo and inshore warfare countermeasure components, and the related subsystems and systems which will meet the needs and requirements of the Navy's tri-Service-coordinated Explosive Ordnance Disposal program.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0602735N High Energy Laser Technology (H);X-5-12;
Develops high energy laser technology and resolves critical technical issues regarding laser utility in the weapon role.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0602744N Marine Corps Air-Ground Technology (H);X-5-12;
Includes RDT&E funds to develop the technologies needed to support unique Marine Corps requirements for amphibious warfare and subsequent operations ashore. Exploratory development is focused on requirements that meet unique Marine Corps needs or serve to complement or supplement developmental work done by the other armed services. Because of mission and organizational requirements, developmental needs cover a broad spectrum of technology. This spectrum includes but is not limited to tactical surveillance, C3, surface weapons, aviation equipment and weapons, surface mobility, land mine countermeasures, training devices and simulators, remote sensing, CBR defense, amphibious and advance base logistics, and manpower and training technologies. The work includes analysis, design and test of systems, subsystems, and components; also included is the complete development of some minor hardware items.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0602757N Human Factors and Simulation Technology (H);X-5-12;

This program element includes two projects as follows:

525. Human Factors Technology: This project area comprises Personnel Support Technology in the field of human engineering. It is directed to the development of techniques, procedures and criteria for the design of weapons systems so that they can be efficiently operated and maintained by military personnel. It includes the development of data to provide a scientific basis for understanding human performance with respect to sensory, perceptual, motor and cognitive processes in the context of operational naval systems, the specification of man's performance characteristics in such a way that system planners can better utilize his capabilities, and the development of methodologies for the evaluation of performance of the human component in operational systems.

526. Training Device and Simulation Technology: This project area comprises Personnel Support Technology directed toward the development of a technology base for eventual utilization in maintenance, flight and combat engagement simulators. It includes all aspects of visual simulation for the presentation of information, the simulation of vehicle/aircraft motion and force cues, and the simulation of various sensor types such as infra-red, low light-level television, sonar and radar. In addition, it includes the development of computer mediated voice understanding and voice generation techniques to improve the instructor-trainee interface in complex training programs. The project area does not include engineering for training devices for specific systems in service use or under development in one of the other categories of the RDT&E program.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0602758N Biomedical Technology (H);X-5-12;
Includes RDT&E funds to develop technology for the protection and improvement of the physical and mental effectiveness of Navy and Marine Corps personnel under all circumstances and in all environments in which naval operations are conducted and to which personnel are exposed. Efforts are intended to establish the bio-medical and behavioral information and methods essential to design the clothing and personnel protective devices and escape equipment necessary for the prevention of disease and injury, to improve treatment methods, to maintain and enhance personnel reliability and performance, to define human response to and tolerance for stresses including toxic chemicals, non-ionizing radiation, heat, noise and accelerative forces. The technologies employed in this element include medicine in its broadest sense, the biological and physical sciences, epidemiology, psychology, textile technology, aeronautical engineering and physics. The major goal of this program is to assure the Navy and Marine Corps of a physically fit and mentally healthy personnel force, to reduce the risk of possible death and injury due to operational hazards, and to return to duty as quickly as possible and minimize invalidations from service of those personnel who become casualties of disease or injury, whether accidental or as result of combat.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0602759N Ocean and Atmospheric Support Technology (H);X-5-12;
Includes RDT&E funds to support technology developments in environmental factors affecting naval material and operations. Environmental areas of concern are the atmosphere, including space, the ocean, and the polar regions. Environmental factors are limited to those which affect planning, operations, tactics, and the design and performance of military equipments. It includes studies and investigations and the development of techniques and prototype equipment to improve the Navy's capability to measure parameters to define the environment, to predict its future state, to convert these data into militarily significant terms, and to display them in formats suitable

for various planning and tactical needs.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0602760N Logistics Technology (H);X-5-12;
Includes RDT&E funds to develop technology directed toward the principal objective of providing improved means for the development, engineering, distribution, storage inventory control, and maintenance of weapons, ammunition, fuel, supplies, and other material not exclusively associated with vehicles, weaponry, surveillance, or command and control systems. It includes packaging, preservation, and general purpose handling equipment employed in the depot-to-user logistic sequence, including underway replenishment. This element includes techniques and methods in the fields of reliability and maintainability; economic analysis, including life cycle costing and implementation of integrated logistic support; system engineering management; and development to optimize the quality and utilization of test equipment in the operation and maintenance of naval systems. Efforts are also directed in all aspects of fixed shore installations and structures, their supporting utilities, power supply, equipment and materials; including maintenance, repair, crash/firefighting and prevention ashore, protection construction, and disaster control. Included is exploratory work on mobile base systems, over-the-shore landing systems, expeditionary logistic facilities, and advanced base functional components.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support element in this program.

0602761N Materials Technology (H);X-5-12;
Includes RDT&E funds to support exploratory development of Navy requirements for a broad base material technology. Developments are primarily for structural, machinery, and functional applications to advance Navy air and sea-based weapon systems. While this program covers the Navy's pervasive requirements in general, prime objectives are higher performance and lower cost materials technology base for the Navy's advanced submarines, fast surface craft, vertical take-off aircraft, and re-entry vehicle missiles. The material technology developments include new metals, such as higher strength steels, noncorrosive aluminum and tougher titanium; nonmetals, such as graphite, carbon-carbons, ceramics and composites; organics, such as hydraulic fluids, lubricants and fuels. Engineering properties, corrosive tendencies, fabrication technology and nondestructive testing and inspection methods, which support the material technology base for system advances in terms of both effectiveness and cost are established.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0602762N Electronic Device Technology (H);X-5-12;
Includes RDT&E funds for exploratory development in electronic material and devices and electromagnetic compatibility. The principal object of projects within this program element is to provide the basic understanding necessary for the application of new technologies to Navy and Marine Corps equipment. This element supports the development of basic technology for new and improved electronic material, electronic and microelectronic components, and general usage circuits for a variety of electronic systems; and to ensure that electronic systems operate in their expected electromagnetic environment without unacceptable degradation of performance due to electromagnetic interferences or radiation damage.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0602763N Personnel and Training Technology (H);X-5-12;
This program element includes two projects as follows:

521. Manpower and Personnel Technology. This project area consists of the development of technology to assist the Navy in the selection, motivation and management of its personnel. It includes the development of: effective methods for the recruitment, management and motivation of personnel; procedures to reduce attrition and increase retention of personnel; procedures and criteria for more effective utilization of personnel; and improved techniques to predict performance of Navy personnel.

522. Computer-Based Education and Classroom Training. This project area consists of the development of technology to improve the Navy's ability to train its personnel in an efficient and cost effective manner. It includes the development of: computer-aided and computer-managed training; timely and efficient on-site training techniques; methodologies for evaluating training effectiveness through measurement of individual, team and unit performance; and improved methods for training lower aptitude personnel to overcome skill deficiencies.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0602764N Chemical, Biological and Radiological Defense Technology (H);X-5-12;
This program element supports technology development in chemical, biological and radiological defense. In chemical and biological defense, this program element provides for the formulation of the Navy's operational requirements for coordination with the other services' defense procedures and equipment. It supports development of techniques for the formulation of realistic alternative ship/group defense concepts on a threat-by-threat basis with each concept addressing an appropriate complement of individual protection, detection and warning and decontamination equipment. This program element also supports technology development for protection of personnel and equipment from nuclear electromagnetic radiation.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0602765N Energy and Environmental Protection Technology (H);X-5-12;
Includes RDT&E funds for energy and environmental protection exploratory development. The principal objectives of this effort are to ensure the availability of energy resources for naval operations and to develop the technology to permit the Navy to meet Federal standards in environmental protection with minimal impact on its operational capabilities. The energy area comprises technology development directed toward providing naval ships, aircraft, and facilities with new energy sources, energy conversion devices, and means of reducing energy usage. The objective is to ensure, in cooperation with related national programs, the availability of energy to present and future Navy systems. Effort in this area encompasses evaluation of existing technology for possible naval application and development of new technology. Environmental protection comprises support technology directed toward protecting and enhancing the quality of the environment. It includes the adaptation of existing technology and development of new technology to investigate, monitor, and eliminate or diminish the effects of Navy systems on the environment and ensure that they meet applicable environmental protection laws and regulations.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0602766N Laboratory Independent Exploratory Development (H);X-5-12;
Includes RDT&E funds to provide the technical directors of the in-house laboratories with a means to exploit new ideas generated in-house and to investigate the feasibility of high-risk concepts. The scientists and engineers in the in-house laboratories are knowledgeable of Navy and Marine Corps problems and are a rich source of ideas for applying advances in the state of the art to the development of new concepts to meet current and projected threats. The independent program complements the directed exploratory development program which addresses specific, recognized, or established needs. The total scope of IED covers surveillance, command and control, weaponry, vehicles, and support technology.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0602768N Directed Energy Technology (H);X-5-12;
Includes RDT&E funds for consolidating directed energy related exploratory development programs currently funded from several other existing program elements: PE 0602735N, 0602734N, 0602332N, 0601153N, and ARPA program elements in FY 1981.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program. Also specifically excludes the Navy's High Energy Laser project under PE 0602735N which is primarily focused on installation and lethality demonstration of a CW chemical laser system at the White Sands Missile Range.

0602790N Small Business Innovative Research/Small Bus Tech Transfer Pilot Prog;X-93-2;;

0602889N Counterdrug RDT&E Support;X-94-2;;
Captures all counterdrug exploratory development efforts not associated with a counterdrug-unique PE and specifically identified and measurable against other active counterdrug programs.

Includes exploratory development efforts to develop technology into demonstrations suitable for laboratory evaluations. Efforts include primarily non-systems technology development. May also be used for demand reduction exploratory development efforts. Only projects approved by the Secretary of Defense and supported by the transfer appropriation will be included.

0602936N Independent Exploratory Development;X-7-09;
Includes RDT&E funds to provide the technical directors of the in-house laboratories with a means to exploit new ideas generated in-house and to investigate the feasibility of high-risk concepts. The scientists and engineers in the in-house laboratories are knowledgeable of Navy and Marine Corps problems and are a rich source of ideas for applying advances in the state of the art to the development of new concepts to meet current and projected

threats. The independent program complements the directed exploratory development program which addresses specific, recognized, or established needs. The total scope of IED covers surveillance, command and control, weaponry, vehicles, and support technology.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603109N Integrated Aircraft Avionics;X-6-03;
Includes consolidated funding for the Navy portion of the Integrated Electronic Warfare System (INEWS) and Integrated Communications, Navigation, Identification Friend or Foe (IFF) Avionics (ICNIA) programs' advanced development. The INEWS/ICNIA program is a joint program under U. S. Air Force lead to provide integrated electronic warfare and communication/navigation/IFF functions for the Air Force's Advanced Tactical Fighter (ATF) and the Navy's Advanced Tactical Aircraft (ATA).

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603201N Airborne ASW Detection System;;
Includes RDT&E funds for advanced development and developmental test and evaluation of airborne antisubmarine targets. Currently, this program element includes the Air ASW Acoustic Deception Devices project.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603202N Avionics;;
Includes RDT&E funding supporting development of airborne electronic systems and components, including associated support equipment.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603203N Advanced Helicopter Development;X-79-001;
Includes RDT&E funds to conduct analytical studies, engineering design investigation and experimental tests to provide the technical and economic basis for development of new helicopter components and systems. These systems will also be applicable to any future aircraft capable of vertical launch and recovery.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603204N Air-to-Surface Fire Control Systems (H);;
Includes RDT&E funds supporting development of attack aircraft navigation and weapons delivery components and

systems including FLIR, LLTV, and RADAR.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603206N Electronic Warfare Advanced Development;X-5-07;
Includes RDT&E funds to support radar warning equipments and electronic countermeasures using individual jamming and deceptive techniques being developed/modified for protection of tactical aircraft from radar-controlled weapons and associated systems. Continued development of infrared countermeasures is proceeding. Low-powered, self-contained, relatively inexpensive expendable jammers are being developed to provide jamming of enemy acquisition Ground Control Intercept (GCI), fire control radars, and specific communication systems. An integrated active and passive electronic warfare countermeasures system is being developed for Navy combat aircraft to increase probability of mission success and survivability. Development of countermeasures for Navy tactical aircraft against enemy optically augmented or directed surface-to-air weapons systems.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603207N Air/Ocean Tactical Applications;X-4-08;
Includes RDT&E funds for advanced development of systems to describe, predict and/or modify the environment primarily in the remote ocean areas of the world, in tactical and strategic support of naval operations.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603208N Training System Aircraft;X-93-3;;
Includes R&D development of the T-45 Training System which is a low-operating cost, high performance jet trainer aircraft for undergraduate pilot training to replace the T-2C and TA-4J. It must provide a versatile, all-weather vehicle for an instructor and student pilot to perform a wide spectrum of in-flight training actions complementing planned ground training and allowing the student to safely progress from basic to advanced jet flight training in preparation for entry into fleet readiness training. This mission requires that the aircraft be capable of the following operations: efficient high subsonic cruise at altitude; carrier qualifications; air-combat-maneuvering; and low level navigation and weapons delivery training. Also included is RDT&E development of a primary training aircraft and related aircrew training devices with a high degree of commonality between the Navy and Air Force to satisfy both the USAF Primary Aircraft Training System (AFPATS) and the Naval Primary Aircraft Training System (NPATS) requirements. The mission of a Joint Primary Aircraft Trainer (JPATS) will be to train entry-level USN/USAF student pilots in primary flight instruction.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603209N Underwater Weapons Acceptance Testing;X-1-002;
Includes RDT&E funds for development of a production acceptance test and evaluation (PAT&E) support facility. The

facility is designed to complement existing PAT&E in-water ranging and to exercise new development underwater weapons through their full performance range.

Excludes civilian and military manpower and their related costs and military construction costs (approximately $10.0M) which are included in appropriate management and support elements in this program.

0603210N Aircraft Propulsion;;
Includes RDT&E funds for development of advanced components for next-generation, gas turbine engines.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603211N AV-8B Airplane;;
Includes RDT&E funds for program initiation and testing of an improved vectored thrust VSTOL subsonic aircraft. Development will be based on the AV-8A aircraft concept using latest technology and aircraft design to achieve significant capability improvements. It will provide the replacement aircraft for all USMC light attack aircraft.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603212N Tactical Air Infrared Countermeasures;;
Includes RDT&E funds to provide for the advanced development and testing of infrared countermeasures equipment for tactical fixed wing USN/USMC aircraft. Projected threat evolution and expansion, coupled with the rapid growth of technology in this field, make it necessary that we establish an ongoing effort to seek out and examine advanced countermeasures concepts.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603213N Airborne Infrared Countermeasures;X-3-02;
Includes RDT&E funds for development of jammers, flares and warning sets to protect USN/USMC tactical aircraft and helicopters from infrared guided air-to-air and surface-to-air missiles. Project W0468, Helo Infrared Countermeasures Project, develops equipment that satisfies requirements unique to the helicopter low altitude/low speed regime. Project W0436, TACAIR Infrared Countermeasures, develops equipment for high performance tactical aircraft.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603214N Tactical Command Control and Communications Countermeasures;;
Includes RDT&E funds to provide for the advanced development and testing of contermeasures against threat C3

(Command Control and Communications) systems for USN/USMC tactical aircraft. Disruption, deception, and jamming of threat C3 systems via directed and dedicated countermeasures equipments will afford our tactical aircraft additional protection.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603215N Long-Range Airborne ASW System;X-80-003;
Includes RDT&E funds to support the initiation of the Land-Based Support Aircraft (LBSA). As conceived, the concept embodies new technologies which when integrated into a single aircraft platform would provide a capability to detect and engage at long range the latest variants of enemy surveillance aircraft and/or enemy air-to-surface missile launching aircraft; perform air-to-surface surveillance and other attack missions; and perform on-station ASW. To accomplish these missions while remaining outside enemy surface-to-air missile systems, the aircraft should be capable of RPV launch and control. Available and existing technologies will be considered and applied as appropriate. Because the aircraft envisioned for this mission is radically different from existing or commercial aircraft, a new design is required. The size and wing-loading requirements require extensive developments in composite structures, supercritical aerodynamics, and extreme propulsion efficiency.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603216N Aviation Survivability;X-93-3;;
Includes RDT&E funds for the advanced development of a family of Aircrew Life Support Systems for Navy aircraft weapon systems. This includes the integrated assemblage of components and techniques required to assure aircrews and aircraft passengers the most effective in-flight environment for the conduct of Navy combat and peacetime air missions. These life support systems will provide for maximum functional means to enhance safe and reliable escape, descent, survival, and recovery in combat and peacetime emergency situations. These capabilities are achieved by the integration of three component equipment groups, each composed of functionally related equipments which compose the total of aircrew support life equipments. The three groups of component equipment include Aircrew In-Flight Support, Aircrew In-Flight Escape and Descent Equipment, and Aircrew Emergency Protection and Survival Equipment. This is an integrated effort to ensure maximum mission effectiveness of Naval aircraft weapon systems by enhancing the performance, safety and survival of aircrew members.

Aircrew In-Flight Support: This group provides the optimum support protection to flying personnel in all normal flight environments. Mission effectiveness is maximized by providing superior crew stations and personal equipment such as oxygen equipment, crew support facilities, specialized clothing, and miscellaneous personal accessories and equipage.

Aircrew In-Flight Escape and Descent Equipment: This group provides equipment to ensure safe and reliable egress and descent from disabled aircraft. This includes ejection seats, seat stabilizing devices, restraint harness and belts, parachutes (including fire retardant personal parachutes) and parachute divestment, and positive actuating devices.

Aircrew Emergency Protection and Survival Equipment: This group provides equipment necessary to aid survival, escape, evasion, and recovery of downed aircrews in any global environment. Equipments include life preservers, life rafts, anti-exposure suits, cold protective clothing, and survival kits. Signaling devices such as lights, flares, beacons, survival locating beacons, radios, and the necessary power source required for their operation

are included to assist in the location and recovery of downed aircrews. Enhancement of survivability following aircraft crashes will be accomplished by the development of improved restraint devices and crash resistant seating, more positive provisions for rapid ground and water egress, and the use of materials which reduce the hazard of fire. Also included are RDT&E funds to develop design criteria, test, and analytical methodology, specifications, management guidelines, technical objectives, and balanced aircraft hardening for improvement of aircraft survivability and vulnerability in a combat environment.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriated management and support elements in this program.

0603217N Air Systems and Weapons Advanced Technology;X-94-3;;
Includes RDT&E funds to develop and demonstrate technologies that improve performance of aircraft and air- and ship-launched missile systems. Includes development of advanced components for next-generation gas turbine engines; advanced development and testing of technologies required for future advanced aircraft designs; development and demonstration of concepts and hardware for air- and ship-launched missile systems; and development and demonstration of high-risk, high-payoff concepts and hardware for ARM/defense suppression technology required to counter projected surface -to-air missiles and antiaircraft artillery threats. Excludes civilian and military manpower and their related costs and military constructions costs which are included in appropriate management and support elements in this program.

0603218N Aircraft Training Systems;X-92-5;;
Includes RDT&E funding for a comprehensive undergraduate Navy, Marine Corps and Air Force pilot training system.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603219N Advanced Aircraft Armament System;X-7-09;
Includes RDT&E funds for advanced development and testing of those technologies required to support engineering development of future aircraft armament systems. Of primary importance is the achievement of commonality and interoperablility of systems between different tactical aircraft. There are two major elements of this system: stores management system provides commonality in cockpit displays, release and control functions; suspension and release equipment provides commonality in aircraft parent racks and required interfaces. (These shall be done by the issuance of specifications by the stores development team which delineates standardized mechanical, hydraulic, electrical and/or electronic interfaces, such as Interface Control Drawings (ICDs), including multiplexed data formats, which are agreed upon by both the aircraft and stores developers' configuration managers).

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603220N Advanced Tactical Support (ATS);X-9-05;
Includes RDT&E funds to provide for development and testing of all components of the advanced tactical support aircraft (ATSA). The RDT&E will be divided into Concept Exploration (CE), Demonstration and Validation (DV), and Full Scale Development (FSD). This system will replace the E-2C, EA-6B, EA-3B/ES-3, and possibly S-3A/B. ATSA

will have airframe, engines and core-avionics in common, with internal and external carriage capability and provisions for mission-specific avionics, sensors, stores, and weapons. This concept will allow a single multi-mission aircraft to replace up to four existing separate aircraft.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603221N Powered Lift Development;;
Includes RDT&E funds to explore feasibility of modifying existing AV-8B with an all weather radar to provide air to ground and/or air to air weapons capabilities, and to develop concept/requirement for such an aircraft.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603222N Skipper Enhancements;X-8-05;
Includes RDT&E funds to investigate possible improvements to the Skipper Missile System, and to develop a laser guided practice bomb. Improvements are required to improve weapon accuracy, and provide a Laser Guided Training Round to ensure proper aircraft delivery pilot training.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603228N CV ASW Module;X-7-09;
Includes funds for development and operational test and evaluation of a shipboard ASW Tactical Support Center which will provide for optimum effectiveness of the integrated ASW avionics system in the S3 and other airborne ASW weapons systems.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603230N NATO Cross Certification (H);X-78-008;
Includes RDT&E funds to certify NATO weapons for carriage and release from Navy and Marine Corps tactical aircraft. This program will provide Naval Aviation Forces with the capability to tactically re-arm with NATO weapons and will enhance interoperability with our allies.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603231N Next Generation Fighter ;X-9-05;
Includes RDT&E funds to develop a Navy variant of the USAF Advanced Tactical Fighter. The mission of this aircraft will be fleet air defense, fighter escort, and strike-fighter. As a multi mission aircraft with

state-of-the-art technology incorporated, NATF will meet the threat of the 21st century.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603238N Precision Strike and Air Defense;X-94-3;;;
Includes funding for efforts that lead to and include the development and demonstration of advanced technologies that support new capabilities in the area of scalable, real time global surveillance and communications; integrated, multi-service capabilities for locating, identifying and killing high value, short dwell military ground targets; theater missile ballistic defense, counter stealth, short range air defense and air superiority.

0603250N Marine Attack and Observation Aircraft;X-92-5;;
Includes RDT&E funding to develop a follow-on for the AH-1W, OV-10D, and UH-1N, incorporating upgrades in navigation/communications, aircraft survivability, and fire control/weapons integration. The Marine Attack and Observation (VMAO) aircraft will provide all weather, day/night air support and reconnaissance for Marine air and ground forces.

Excludes civilian and military manpower and their related costs which are included in appropriate management and support elements in this program.

0603251N Aircraft Systems;;
Includes RDT&E funds to conduct necessary analytical studies, engineering design investigations, and the experimental tests to provide the technical and economic basis for development of new aircraft systems.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603254N ASW Systems Development;X-93-3;;
Includes RDT&E funds for advanced development and developmental testing of airborne anti-submarine warfare systems, including aircraft, equipment, and devices for use against all types of submarine targets; an advanced, high-performance, underwater, mobile target for use in fleet ASW training exercises and for the operational evaluation of the MK-30 torpedo and the MK-48 torpedo weapons system improvement program; and Project BEARTRAP. Definition of BEARTRAP is classified.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriated management and support elements in this program.

0603255N Advanced Short Takeoff and Vertical Landing Aircraft;X-92-5;;
Includes RDT&E funding to develop a replacement for the AV-8B incorporating advances in control, avionics, and engine technology. The Advanced Short Takeoff and Vertical Landing (ASTOVL) Strike Fighter will provide close air support of Navy and Marine Corps forces.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603256N V-22A;X-7-09;
Includes RDT&E funds for advanced development of a multi-engine, vertical take-off and land (VTOL) aircraft for use by all DOD military components. JVX will be able to self-deploy, world-wide, and will possess multi-mission capabilities well beyond that achievable by either conventional helicopters or fixed-wing aircraft in the same roles. Multi-role, multi-service application will be achieved through the development of a common airframe/engine/core avionics package with appropriate Service-unique mission systems, equipment and mission kits incorporated in each services' variant to meet its specific requirements. Includes military construction costs.

Excludes civilian and military manpower and their related costs which are included in appropriate management and support elements in this program.

0603257N A-6 Upgrades;X-8-05;
Includes RDT&E funds to provide for development and flight test of the upgraded A-6F aircraft. This upgrade includes major survivability and vulnerability (S&V) and reliability and maintainability (R&M) improvements.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603258N Advanced Propulsion for VSTOL (H);;
Includes RDT&E funds to provide for the development of components and demonstration of new propulsion systems for VSTOL aircraft.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603259N Acoustic Search Sensors;;
Includes RDT&E funds for advanced development of test and evaluation sensors and complementary equipment for ASW aircraft.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603260N Airborne Mine Countermeasures;;
Includes RDT&E , N funds to develop an advanced mine countermeasures equipment system to be operated from a RH-53 helicopter. The helicopter mine countermeasures system provides mobile, quick reaction forces capable of land or sea-based minesweeping operations world-wide. Also, to be developed is an airborne minehunting and neutralization system capable of neutralizing moored or bottom mines down to a 200-foot depth.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603261N Tactical Airborne Reconnaissance;;
Includes RDT&E funds for the design and development of a pod-mounted reconnaissance system and reconnaissance sensors to satisfy Navy reconnaissance requirements in the 1980s. Pod adapts to tactical carrier aircraft without permanent degradation to aircraft's primary mission. Reconnaissance sensors include day/night cameras, IR, SLR, and MICRAD reconnaissance systems. Development includes integration of new night camera system and existing additional sensors.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603262N Aircraft Survivability and Vulnerability;;
Includes RDT&E funds to develop design criteria, test, and analytical methodology, specifications, management guidelines, technical objectives, and balanced aircraft hardening for improvement of aircraft survivability and vulnerability in a combat environment.

Excludes civilian personnel authorizations, military authorizations and their related costs, military construction, facilites and installation support, RDT&E activities, RDT&E NIF activities, other construction, and RDT&E project ships elements in this program.

0603263N Modular FLIR (H);X-78-003;
Includes RDT&E funds to coordinate interservice RDT&E and procurement of Imaging Infrared systems through the development of modular components suitable for cross-spectrum application. This tri-Service effort does not deal with the specific development of any single system for service utilizaion, but rather with the development of specifications and modules suitable for integration into systems for specific service application.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603265N Remotely Piloted Vehicles (H);X-80-004;
Includes RDT&E funds to develop and test remotely piloted vehicles, vehicle subsystems, and support systems, for operation with tactical Naval forces at sea. Refinement and development of advanced concepts for shipboard launch and recovery techniques will compose a considerable portion of effort in the early stages. Testing and evaluation of selected system concepts will lead to RPVs operable within the stringent latitudes available in a shipboard environment. Technology demonstrations of recovery solutions and RPV payloads will be conducted also to evaluate the effectiveness of available technology to meet the requirements for destroyer and frigate-supported, over-the-horizon detection, classification, and trading.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603266N AH-1T Composite Rotor Blade (H);X-96-1;;

Includes the development, integration, test and evaluation of a Composite Rotor Blade System for AH-1T Helicopters. Use of composite materials and their utilization in design provide a high resistance to fatigue damage and an immunity to corrosion. Field repairablility of blade damage, now requiring removal and replacement of metal rotor blades, is another advantage of composite rotor blades. There have been recent advances in the state-of-the-art design and manufacture of composite rotor blades due to several Army/Navy/Contractor programs nearing completion; specifically, a composite rotor blade for the Bell Model 214 Helicopter is currently being qualified for the Iranian 214 Helicopter. The present AH-1T metal main rotor blade is a shortened version of the Bell Model 214 metal main rotor blade. This program will adapt the Bell Model 214A composite blade to the AH-1T.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603267N Combat Identification System;X-1-004;
Aircraft, ship and submarines have used radar based identification systems for over thirty years. These systems are also used by commercial aircraft to enable control by ground radars. Military units have special classified IFF equipment and codes available to them that enable the military to positively identify friendly aircraft. The current IFF equipment known as MARK X and MARK XII, have problems (which are classified). These problems cause a serious situation since they are the only means of positively identifying a friendly platform at ranges longer than visual ranges. A new IFF which does not have these problems and which is compatible with U.S. Services and NATO requirements is needed. This program is the U.S. Navy portion of a Tri-Service, OSD sponsored effort to develop a state-of-the-art replacement for the obsolescent IFF system. Specifically, Navy funds will make certain that unique USN IFF aircraft, ship and submarine problems are recognized and solved.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603268N Naval Airship;X-93-4;;
Includes RDT&E funds for concept definition, design development, engineering development and flight testing of preproduction prototypes for a Naval Airship. Primary functions of the system are: (1) Provide for over-the-horizon (OTH) detection and tracking of ASM's, including high speed and low flyers in a jamming environment; (2) Provide facilities to interface with surface missile systems against air threats; (3) Serve as a communications relay to permit dispersed fleet elements to use low probability of intercept line-of-sight communication frequencies; (4) Provide OTH detection, identification and targeting for offensive weapon deployment against hostile shipping and land targets; and, (5) Provide backup direction for friendly sea and land-based aircraft for intercept or general vectoring.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603269N National Aero Space Plane Technology Program;X-6-03;
Includes joint service/interagency development program for the National Aero Space Plane (NASP). The program will investigate propulsion, structures, materials and other critical technologies needed to develop a research vehicle which is capable of hypersonic flight and can be used as a reusable single-stage-to-orbit launch vehicle.

Excludes civilian and military manpower and their related costs and military construction costs which are included

in appropriate management and support elements in this program.

0603270N Advanced Electronic Warfare Technology;X-93-3;;
Includes RDT&E funds for development of technology to provide naval air, surface and spaceborne platforms the capability to counter current and anticipated threat offensive and defensive radio frequency and infrared systems.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriated management and support elements in this program.

0603301N Long-Range Surface Weapon System (H);;
Includes RDT&E funds to provide long-range, ship-launched ordnance with improved accuracy for use in the AA, anti-ship, and shore bombardment roles.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603302N Augmented Thrust Propulsion (H);;

0603303N Electromagnetic Radiation Source Elimination Technology;X-1-010;
This program includes funds to develop/demonstrate high risk/payoff concepts and hardware not suited to development under major acquisition/system programs and investigate advances in ARM/defense suppression technology required to maintain ability to counter projected surface to air missile (SAM) and anti-aircraft artillery (AAA) threat. Specific objectives are to increase ARM seeker frequency coverage and develop techniques for countering SAM shutdown/controlled emission tactics, such as multi-mode guidance techniques and accurate emitter target location avionics systems.

Excludes civilian and military manpower and their related costs and military construction and procurement costs which are included in appropriate management and support elements in this program.

0603304N Advanced Surface-to-Air Weapons Systems (H);X-80-004;
Includes RDT&E funds to provide a near term, low-cost, lightweight Anti-Ship Missile Defense (ASMD) missile system (to be capable of installation on large number of ships with minor impact on existing ship systems); and an advanced weapons system for defense of ships against the anti-ship capable of missile threat of the mid-1980s and beyond. An integrated, modularized suite consisting of a track- while-scan radar, advanced close-in weapons, passive EW, and decoy-launching system is envisioned.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603305N Advanced Air-Launched, Air-to-Air Missile System (AGILE) (H);X-80-004;

Includes RDT&E funds to investigate alternative concepts for an advanced passive air-to-air missile system exploiting the latest technology to determine technical feasibility, financial acceptability, and operational effectiveness.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603306N Advanced A/L Air-to-Surface Missile System;X-7-09;
Includes RDT&E funds to develop and demonstrate alternative concepts in support of air-to-surface missile systems.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603307N Advanced Fuze Design (H);;
Includes RDT&E funds to investigate alternative concepts of fuze design to increase effectiveness of air-to-air, air-to-ground weapons under varying conditions, including ECM environment.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603308N Air-to-Surface/Air-to-Air Missile Technology;X-5-07;
Includes RDT&E funds to demonstrate the system feasibility of those air-to-air missile subsystems (e.g., guidance, control, ordnance, propulsion) developed in the exploratory development program by conducting advanced technology demonstrations prior to any commitment for advanced or engineering development.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603309N Shipboard Intermediate Range Combat System (SIRCS) (H);X-80-004;
System is a complete detection to kill integrated surface offensive and defensive Intermediate Range Combat System. All Navy ships are potential candidates. Since not all ships have the same mission requirements, the system is being developed using building block concepts and standard interfaces. Individual ship types would be configured with only the elements (building blocks) required for that type of ship to carry out its mission. The existing capabilites and growth possibilities of current intermediate range offensive and defensive systems represent the capability start point for this development. This program element supports development of the next generation of intermediate range combat capability.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603310N Surface-to-Surface Missile Development;;

Includes RDT&E funds to provide direct support to the joint development by NATO countries of a second generation, anti-ship missile to be introduced in the post-1985 time frame. Feasibility studies and project definition efforts are planned in FY 1977-79 with a decision for full development to be made in 1980. Furthermore, the advanced technology of surface-to-surface missiles and for targeting surface-to-surface weapons will be contained in this program element. The systems involved have potential applicability to all surface ships, aircraft, and submarines capable of ASSM launch.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603311N ASW Technology for Strategic Defense;X-7-07;
Includes RDT&E funds for the development of various ASW surveillance technology projects which optimize the design and performance of undersea surveillance and tactical systems and their associated architecture.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603312N Air-Launched/Surface-Launched Anti-Ship Missile (HARPOON) (H);;
Includes RDT&E funds for development and testing to provide an air-to-surface and surface-to-surface missile for ship attack to provide both ships and aircraft with an effective anti-shipping capability.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603313N Imaging Infrared Maverick;X-7-09;
Includes RDT&E funds for advanced development and testing of those technologies required to support engineering development of future air-to-ground, direct-fire, and short-range stand-off missiles. Developed technologies may be applied to improvement of current inventory weapons. Supporting technologies contained in this program element are integration of Laser MAVERICK into Navy/Marine Corps aircraft; and to define and develop weapon airframes and warheads to meet level of effort weapons requirements.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603314N TRIDENT System (H);;

0603315N RETRACT YELLOW;X-2-008;
This program is of a higher classification. Further information is available in the office of the Chief of Naval Operations (OP-098).

Excludes civilian and military manpower and their related costs and military construction costs which are included

in appropriate management and support elements in this program.

0603318N Advanced Surface-to-Air Missile;X-7-07;
Includes RDT&E funds to develop an advanced surface-to-air missile (ASAM) for use in the outer air battles region. Also included is a standard missile risk closure project.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603319N NATO AAW Systems;X-7-09;
Includes RDT&E funds to develop and test an AAW (Short Range) Weapon System that provides non-AAW escorts, aircraft carriers, and amphibious and auxiliary ships with surveillance, control, and weapon support functions tailored to counter the rapidly expanding anti-ship missile (ASM) threats at and within the horizon. These threat missiles include much smaller, faster, and more maneuverable ASMs operating at very low altitudes. The system will also be reconfigurable for integration with or implementation into more capable AAW cruisers and destroyers.

This program is planned to be a NATO cooperative project providing an advanced AAW system for NFR 90 and other NATO ship classes. This program is structured under the guidelines set forth in the U. S. Naval Defense Initiative for joint definition and development of advanced weapons and combat systems.

Related activities that will be closely coordinated include:
- The Navy Airship (PE 0603268M); - Conventional Munitions (PE 0603609N); - AEGIS Weapon System Improvements (PE 0604307N); - AIM/RIM-7M Product Improvement Program (PE 0604354N); - CIWS (PHALANX) (PE 0604358N); - Self Defense Missile System Improvement (PE 0604361N); - 5" Rolling Airframe Missile (RAM) (PE 0604369N); - SPS Improvements (PE 0604508N); - SAR-8 IRSTD Improvements (PE 0604608N).

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603320N Low Cost Anti-Radiation Seeker;X-5-04;
Includes RDT&E funds to support the design and development of an alternate reduced-cost, higher-reliability guidance section which meets or exceeds the operational requirements of the existing AGM-88A High-Speed Anti-Radiation Missile (HARM) guidance section. The program adapts technology derived from the Anti-Radiation Projectile (ARP) program and other advanced passive radio-frequency (RF) guidance technologies to evolving Navy and Air Force requirements for anti-radiation guided missiles (ARMs).

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603321N Advanced Air-to-Air Missile (AAAM);X-7-09;
Includes RDT&E funds to support design, demonstration and validation of critical air-to-air missile technologies that will lead to Full Scale Engineering Development of a follow-on weapon to replace AIM-54C PHOENIX. AAAM is to

be designed to meet 1990-2010 threat to USN in Outer Air Battle. Critical technologies to be evaluated include, multimode guidance, dual role, passive terminal guidance, integral rocket ramjet and pulsed solid rocket propulsion efforts during the DEMEVAL phase of this program.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603353N Air-to-Ground Weapon Technology (H);;
Includes RDT&E funds to provide for advanced development of new technology/equipment related to air-to-ground weapons, e.g., new types of warheads as state-of-the-art advances permit.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603358N Weaponizing (Prototypes);;
Includes RDT&E funds to provide for advanced development of lightweight weapons hardware prototypes for smaller ships and crafts, such as fast patrol boats, surface effect ships, and hydrofoils. Hardware prototypes will be oriented toward demonstration of technological and economic feasibility rather than full compliance with many requirements essential to a full engineering development, thereby reducing risk prior to engineering development.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriated management and support elements in this program.

0603361N TOMAHAWK Cruise Missile (H);;
Includes RDT&E funds to be used to develop a long-range cruise missile system with both nuclear armed land attack and conventionally armed anti-ship applications. TOMAHAWK is designed to fit submarine torpedo tubes and will be capable of being deployed from nuclear attack submarine and certain surface ship combatants. The anti-ship variant will provide the Navy with a missile having longer range (stand-off distance) and greater lethality against surface ships. Launched from mobile, sea-based platforms, the land attack variant will increase significantly the total capability of theater nuclear forces.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriated management and support elements in this program.

0603362N Cruise Missile (H);;

0603363N High-Speed, Anti-Radar Missile (HARM) (H);;
Includes RDT&E funds for developing an anti-radar missile and aircraft avionics suit for detecting, identifying, locating, and destroying enemy radar threats.

Excludes civilian and military manpower and their related costs and military construction costs which are included

in appropriated management and support elements in this program.

0603364N Encapsulated HARPOON (H);;
Includes RDT&E funds to adapt the HARPOON missile to permit its use as a submerged launch, stand-off, anti-surface ship weapon for existing and new construction SSNs. Efforts include the launch capsule and modification to the fire control and launcher systems.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriated management and support elements in this program.

0603366N Task Force AAW Weapons Coordination (H);;
Includes RDT&E funds for development of doctrine and hardware to coordinate, in real time, surface sensor and weapons against airborne threats. Principal thrust is to bring system integration engineering techniques to the task group level. Exploitation of AEGIS ship capabliites within a group of ships is a primary goal.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriated management and support elements in this program.

0603367N Sea Lance;X-7-09;
Includes RDT&E funds to develop an effective, long-range, stand-off ASW weapon with a conventional warhead for attack submarines. The weapon will complement the detection and localization capabilities of the AN/BOQ-5 sonar and will deliver a high performance torpedo payload to the target position out to convergence zone ranges.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603368N Surface-Launched, Modular Guidance Glide Bomb Technology (H);X-1-007;
Includes RDT&E funds to conduct a study to identify options for adopting MGGB technology to surface-launched missile delivery systems. The objective is to provide an offensive capability against land targets with surface-launched missiles using air-delivered MGGB technology, and a secondary anti-ship capability. The study will address requirements for data links, various types of fuzing and guidance alternatives, and third-party illumination or surveillance of targets. While HARPOON will remain the primary, all-weather, anti-ship missile, missile-delivered MGGB would be used as secondary capability for sink-kill after achieving a firepower kill with HARPOON and to strike hard targets ashore, which HARPOON cannot do.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603369N Medium Range Air-to-Surface Missile;X-78-014;
Includes RDT&E funding to develop and demonstrate a standoff missile system for joint service utilization. The missile will be characterized by high survivability, stand-off ranges greater than 100 NM, and man-in-the-loop for

tactical flexibility.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriated management and support elements in this program.

0603370N Beyond Visual Range, Air-to-Air Missile (BVRAAM) (H);;
Includes RDT&E funds to provide the Navy deputy program manager with funding for Navy-peculiar study analysis and test requirements development. This program is a joint Air Force/Navy development with the AirForce serving as the Executive Service. All development funding is contained in an Air Force program element. This weapon is being developed as a replacement for the SPARROW series for use on the F-14, F-15, F-16, and F-18 aircraft in the 1980s.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603371N TRIDENT II Missile System;X-78-008;
Includes RDT&E funds to develop a larger TRIDENT II missile system with greater range/payload capability, improved accuracy and compatible with the TRIDENT submarine.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603382N Advanced Combat Systems Technology;X-92-5;;
This program develops techniques for more accurate and timely threat data exchange to increase the AAW Coordinator's ability to manage the air battle. Includes modifications to link protocol and doctrine and to Battle Group unit Combat Direction Systems.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603392N Anti-Satellite Systems;X-93-4;
Includes RDT&E funds for the development of Navy anti-satellite systems.

0603401N Navigation Satellite System;;
Includes RDT&E funds to advance the technology/capabilities for military space navigation systems. Current project is to improve the utility and viability of the operational TRANSIT system and to conduct experiments for furthering technology for the definition of a future Defense Navigation Satellite system.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603402N Naval Special Warfare;X-1-011;

Provides a remote airborne sensor system to measure water depths, soil trafficability, and oceanographic/meteorological parameters affecting amphibious landings. System will also detect/locate mines and man-made obstacles. Will provide wider range of landing beach selection and replace slow surveys presently done by UDT teams and eliminate associated personnel hazards.

0603403N Combat Systems Development/Support Requirements;X-1-011;
Provides RDT&E funds to develop combat systems, weapon systems and propulsion improvements for follow-on DDGX Class ships. This program will provide for upgrading DDGX Class ships to take advantage of maturing technology and equipment developed elsewhere.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603451N Tactical Space Operations;X-5-12;
Includes RDT&E funds for engineering development of tactical equipment, both receiving and processing, to exploit space systems for tactically useful data.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603500N Surface Shallow Water MCM;X-92-5;;
Includes RDT&E funding for reconnaissance/detection of mines and obstacles in the shallow water area (80' of sea water up to the craft landing zone), and neutralization of these mines and obstacles as well as the marking and clearing lane navigation through the breached areas.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program. SWMCM has been transferred from PE 0603502N (Surface Mine Countermeasures).

0603501N Reactor Propulsion Plants;;
Includes RDT&E funds for development of advanced nuclear propulsion plants for submarines. These advanced plants will provide for increased performance, endurance, reliability and maintainability. Selected projects test and evaluate new concepts.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603502N Surface and Shallow Water Mine Countermeasures;X-94-3;;
Includes RDT&E funds to provide for surface mine countermeasures systems as follows: provide a surface ship minehunting and neutralization system capable of neutralizing moored or bottom mines. Provide a buried minehunting system. Provide a system to counter the pressure combination influence bottom mine.

Excludes civilian and military manpower and their related costs and military construction and procurement costs which are included in appropriate management and support elements in this program.

0603503N Acoustic Communications;;
Contains RDT&E resources to support the ARPA/Navy Advanced Conformal Submarine Acoustic Sensor program. The objective of this program is the exploitation of the maximum possible submarine hull area as an acoustic antenna.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603504N Advanced Submarine Combat Systems Development;X-93-3;;
Includes RDT&E funds to provide continuing efforts to upgrade existing sonar systems by the evolutionary building block approach. Primary emphasis is on upgrading existing subsystems and the development of new subsystems to improve the operational capability of existing baseline systems.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603505N Advanced Surface Ship Sonar (H);;

0603506N Surface Ship Torpedo Defense;X-93-4;;
Includes RDT&E funds to develop:

An effective means for the countering of enemy torpedo attacks. The system which evolves from this development effort will provide the capability to counter sophisticated, anti-ship torpedoes of the straight/pattern running and wake/acoustic homing types.

The system will provide a high degree of survivability for surface ASW-capable ships against torpedo attack. The system now in development will provide detection, classification, and countermeasures capability against enemy torpedoes. Included in the system are acoustic receivers, threat recognition processors, countermeasure devices and associated launchers, and torpedo countermeasures.

Excludes civilian and military manpower and their related costs and military construction cost which are included in appropriate management and support elements in this program.

0603507N ASW Ship Integrated Combat Systems (H);;

0603508N Ship Propulsion System;;
Includes RDT&E funds for the development of a family of marine gas turbine engines for shipboard use. Also

includes other components of ship propulsion train, such as propulsors (controllable pitch propellers), gears, and clutches.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603509N Shipboard Information Transfer System;X-7-09;
Includes RDT&E funds for the development of techniques and computer systems to permit cost savings/time savings in new ship design and construction.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603510N Advanced Surface Craft (H);;

0603511N Air Control;;
Includes military manpower and related costs and RDT&E funds to develop systems that will provide precision control of aircraft in the tactical, as well as approach and landing, environments.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603512N Carrier Systems Development;X-93-3;;
Includes RDT&E funds to develop all equipment necessary for aircraft operations aboard ships.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603513N Shipboard System Component Development;;
Includes RDT&E funds for the development of hull, machinery, and ancillary system components for ships and boats.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603514N Ship Combat Survivability;X-7-09;
Includes RDT&E funds for advanced development of equipment systems, engineering data, and full scale weapons effect simulations that will provide protection of ships and their embarked personnel from conventional, nuclear, chemical, or biological weapons effects.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603515N Advanced Identification Techniques (Radar Techniques);;
Includes RDT&E funding supporting development of a means of positive identification of aircraft to permit the full exploitation of other weapons systems capability and accomplish the development work necessary to provide the military usefulness, technical feasibility, operational feasibility, and financial acceptability of an advanced IFF system.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603516N Radar Surveillance Equipment;;
Includes RDT&E funds to provide for development of ECCM techniques and signal incoherent processing techniques. This program element will initiate hardware development for fleet introduction, provide an ECCM test and evaluation capability, and develop an ECCM radar suit capable of extended operations in a dense ECM environment.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603517N High Performance Underwater Vehicles (H);X-78-003;
Includes RDT&E funds to build and test new concepts in high performance submerged shapes which have been examined in small model experiments by Naval Sea Systems Command and the Advanced Research Projects Agency. This program element will evaluate the potential validity and practicality of extrapolating small, high-performance model technology to larger underwater vehicles.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603518N Advanced Navigation Development (H);X-91-2;
Includes RDT&E funds for a program to develop and evaluate advanced development model navigation equipment and systems. Current project is to conduct advanced development of a ring laser gyro navigator.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603519N Advanced Command Data Systems;;
Includes RDT&E funds to support the introduction into various combat systems the new Standard General Purpose Digital Computer (AN/UYK-7); also includes funds to integrate computer-based command and control systems that presently stand alone.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603520N Advanced Communications;;
Includes RDT&E funds for a program to develop, test, and evaluate advanced communications systems and techniques. Projects included are DF resistant HF communication, ships advanced communications, broadcast error control, central time and frequency, HF radio digital data communications, amphibious warfare communications, MF/HF shore antenna, broadcast monitor control ship electromagnetic radiation, and ultra reliable RF terminal equipment.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603521N Surface Electronics Warfare;;
Includes RDT&E funds to provide advanced development of electronic countermeasure equipment and techniques to counter Soviet anti-ship missiles. Included in this element are developments of the Ship Advanced EW (SHORTSTOP), radar cross-section measurement of ships at low view angle and high frequencies, ECM equipment components, and a consolidated deception/jamming shipboard ECM system.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603522N Submarine Arctic Warfare Support Equipment Program;X-7-09;
Includes RDT&E funds to investigate the feasibility of a number of techniques and associated devices/equipments, using the latest advances in technology, to develop submarine reconnaissance systems that will support future national and tactical surveillance requirements.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603523N Small Waterplane Area Twin Hull Ship Development;X-80-003;
Included RDT&E funds for advanced development of Small Waterplane Area Twin Hull (SWATH) ship.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603524N Submarine Combat Systems Development;X-80-003;
Project S1346-AS Advanced Submarine Combat Systems (ADV) -- Contains RDT&E funds for competitive advanced development (including mission analysis and concept definition) associated with submarine combat control systems for the 1980s attack submarine and subsequent designs.

Excludes civilian and military manpower and their related costs and military construction costs which are included

in appropriate management and support elements in this program.

0603525N PILOT FISH;;
This program is of a higher classification. Further information is available in the Office of the Chief of Naval Operations (Op-980).

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603526N Advanced Software and Computing Technology;;
Includes RDT&E funds to provide for the advanced development and demonstration of promising methods, techniques, and tools to improve management of software development and enhance cost-effectiveness of computing systems in Navy applications.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603527N RETRACT LARCH;X-6-03;
This program is of a higher classification. Further information is available in the Office of the Chief of Naval Operations (Op-980).

0603528N Non-Acoustic Anti-Submarine Warfare (ASW);;
Includes RDT&E funds to investigate and develop nonacoustic methods of detecting and countering the submarine threat. Improvements in the quieting of submarines have added new impetus to efforts to exploit observable nonacoustic signatures of these ships. There are a number of candidate phenomena that offer the potential as either antisubmarine search, localization, or weapon (i.e., torpedo) guidance sensors. This RDT&E program will investigate the underlying causes of these phenomena and identify the technological feasibility of exploiting them in an operational environment. The goal of this effort is to improve the capabilities of air, surface, and submarine AWS sensors against the submarine threat in all acoustic environments. Equally important is the goal of improved target acquisition and kill characteristics of antisubmarine torpedoes.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603529N Advanced ASW Target;X-7-09;
Includes RDT&E funds to develop an advanced, high-performance, underwater, mobile target for use in fleet ASW training exercises and for the operational evaluation of the MK XX torpedo (advanced lightweight torpedo) and the MK 48 torpedo weapons system improvement program.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603530N Over-the-Horizon Targeting;;
Includes RDT&E,Navy funds to provide operational capabilities to detect, classify, and target medium and long-range over-the-horizon weapons from submarines and surface combatants.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603531N HY 130 Steel (New SSN Material);;
Includes RDT&E funds to provide a certified HY 130 steel for construction of combatant submarine hulls which will allow for smaller size ships, greater speed, deeper depth, greater safety, or a combination thereof.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603532N Ship Systems Engineering Standards;X-80-009;
Includes RDT&E funds for the development of Ship Systems Engineering Standards (SSES), an initiative designed to effect improvements in the Navy ship design and construction process. The current process is to design and construct the platform (hull) and payload (combat system) as an integral unit. The SSES process will enable the payload and platform to be independently designed and constructed in a concurrent manner. The SSES design and construction process will be based on utilization of the Variable Payload Ship (VPS) concept of physical and functional separation of the platform and its payload.

The product of the SSES Program will not be a system but rather a set of comprehensive ship design standards and the guidelines for application of these standards to new ship design and construction. It will be the purpose of the SSES design standards to implement the Variable Payload Ship (VPS) concept by assuring successful integration of payload and platform. This will allow concurrency during design and construction and will allow payload capabilities to be more readily matched to the platform's mission at any given point in time, and thus enhance the effectiveness and adaptability of the Navy surface fleet.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603534N Surface Effect Ships (H);;
Includes RDT&E funds for the development of Surface Effect Ships (SES) capable of speeds of 80-100 knots. Two 100-ton test craft are currently being tested. Preliminary design of 3000-ton ocean going prototype is complete. Contract has been awarded for detailed design construction and testing.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603535N SEA BASS;X-80-003;

This program is of a higher classification. Further information is available in the Office of Naval Research (ONR 100G).

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603536N RETRACT JUNIPER;X-4-04;
This program is of a higher classification. Further information is available in the Office of the Chief of Naval Operations (OP-980).

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603537N RETRACT SILVER;X-1-002;
Details of this project are of a higher classification. For information contact X51640, OP-090J.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603538N BLUE MAIL (H);;

0603539N RETRACT AMBER;X-80-009;
This program is of a higher classification. Further information is available in the Office of the Chief of Naval Operations (OP-095M).

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603540N Diesel Electric Submarine;X-1-002;
Includes RDT&E funds for investigation of various aspects of non-nuclear submarine acquisition (i.e. projected impact on force-levels, surveys of applicable U.S. and foreign technology and study of possible non-diesel propulsion systems).

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603541N Nuclear Electronic Power Plants (H);;

0603542N Radiological Control;X-5-04;

Includes RDT&E funds to improve personnel protection from exposure to intrinsic radiation from nuclear weapon systems and to develop better instruments for measurement and prevention of exposure to radiation.

Radiological Controls. Provides for improvement to nuclear weapons intrinsic radiation (gamma and neutron) shielding calculations, mixed field (neutron and gamma) dosimetry and in neutron measurement. The objective is to develop less costly and more effective integral shielding for better personnel protection and safety. Improvements in personnel dosimetry and neutron measurement is also a major emphasis (replaces work performed in 0603571N).

Radiac Development. Develops new highly reliable, more easily calibrated, easy to care and maintain, light weight and modern radiac instruments in order to improve the effectiveness of radiation safety, to make instruments simpler to use, and to reduce life cycle support costs. The ultimate goal is to replace old, bulky, costly to repair, unreliable and obsolete instrumentation with multifunction radiac equipment that can be automatically calibrated at greatly reduced cost. Radiac equipment is provided for support of all Navy Radiological Control Programs afloat and ashore (replaces work performed in 0605862N).

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603543N Carrier Missions Study;X-95-1;;

0603549N LINK CEDAR;X-4-08;
Details are of a higher classification. For further information contact Op-090J, X56755.

Excludes manpower and related costs.

0603550N LINK DOGWOOD;X-4-08;
Details are of a higher classification. For further information contact Op-090J, X56755.

Excludes manpower and associated costs.

0603551N LINK SAKI;X-9-05;
Details of this program are of a higher classification and of limited access. For further information, contact the Office of the Chief of Naval Operations (OP-08J).

0603553N Surface ASW;X-93-4;;
Includes RDT&E funds to develop:

Significant subsystem improvements for both operational and developmental surface ship acoustic sensors. Near-term emphasis will be directed toward the critical performance areas of rapid localization of passively acquired targets and automatic detection and classification of threat submarines. A conformed array which will

significantly increase the figure of merit of SQS-53 Sonars and a low frequency active adjunct to the SQR-19 TACTAS are also being developed.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603554N SS( )N;X-78-014;
Includes support for preliminary design studies of a high performance, cost effective, although not necessarily smaller SSBN to complement TRIDENT.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603555N Sea Control and Littoral Warfare Technology Demonstration;X-94-3;;
Includes RDT&E funds for demonstration of advanced technologies with potential application to mine/countermine warfare, shallow-water antisubmarine warfare, and semiautonomous undersea vehicles. Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603560N Submarine Hull Array Development - Adv Dev;X-4-08;
Includes RDT&E resources for advanced development of the RAPLOC Wide Aperture Array, including ADM for Installation and evaluation in an SSN 688 Class ship.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603561N Advanced Submarine System Development;X-7-09;
Includes RDT&E funds for advanced development projects to support noncombat system improvements to nuclear attack submarines, which will result in improved operational performance and reliability in carrying out submerged operations.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603562N Submarine Tactical Warfare Systems;X-93-4;;
Includes RDT&E funds for the Submarine Arctic Warfare Development Program and the Advanced Submarine Support Equipment Program. The overall goal of the program is to improve submarine operational effectiveness through the development of advanced Research and Development (R&D) and Electronic Support Measures (ESM) technologies. The Submarine Tactical Warfare Systems program responds to the continuing threat of SSBN activity in the Arctic region through the development of advanced submarine Research and Development (R&D) technology to provide improved operational capability in that region. Efforts include assessment of combat system effectiveness, development of

Arctic specific improvements for existing system and development of class specific Arctic operational guidelines. This program also provides the framework for various R&D programs to conduct Test and Evaluation in the Arctic region. The goal of the ASSEP is to increase submarine operational effectiveness through improvements in threat warning, over-the horizon targeting, and expanded tactical reconnaissance. Improvements in ESM technology are of vital importance to counter the increasingly dense and sophisticated electromagnetic environment caused by the proliferation of complex communications, navigation, and radar equipment provided to potential adversaries.

0603563N Ship Concept Advanced Design;X-93-2;;
This PE finances concept design studies required to initiate new shipbuilding acquisition programs. The specific development activities support milestone zero acquisition efforts.

0603564N Ship Preliminary Design & Feasibility Studies;X-93-2;;
Includes RDT&E funds for the development of preliminary and contract designs on new ships. This program directly supports the Navy shipbuilding program.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603565N Surface Ship Navigation System;X-4-08;
Includes RDT&E funds to develop a self-contained, worldwide dual inertial navigation system for surface combatants. This system will enhance Battle Group operations, support long-range sea-launched missile systems, over-the-horizon targeting, and other tactical missions.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603566N Amphibious Assault Craft;;
Includes RDT&E funds for the development of air cushion vehicle amphibious assault landing craft with 60-ton nominal payload. Craft speeds are to be 50 knots or greater.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603567N Hydrofoil Craft (H);;
Includes RDT&E funds to provide for the advanced development of hydrofoil technology.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate Management and Support elements in this program.

0603568N Combat Systems Architecture;X-78-014;

Includes RDT&E funding required to support the development of a standardized Combat Systems Architecture (CSA) for future surface ships. The CSA is a concept formulation effort which will result in a set of architectural guidelines and standards which will be applied to the develoment of future ship systems.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603569N Attack Submarine Development;X-79-001;
Includes resources to support studies of and preliminary designs for near term new attack submarines.

Resources to conduct advanced mission and concept studies for advanced technology attack submarines to be built in the period 10 to 15 years from now.

Resources to study and evaluate submarine design and construction methods, procedures, technology and documentation leading to reductions in submarine acquisition costs, and for development of improvements to the SSN 688 class.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603570N Advanced Nuclear Power Systems;X-9-05;
This element is directed toward the design, development and testing of new and improved reactor components and systems for use in naval nuclear propulsion plants. A growing amount of research and development effort will be directed toward work common to several types of reactor plant components and systems. Work under this new program element would initially involve efforts in the pump, valve, instrumentation and control and heat transfer equipment areas which have been previously planned for and approved.

It is expected that in the future, other areas requiring additional research and development efforts will be identified and pursued within this element.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603571N Physical Security;X-5-12;
Includes development of shipboard and waterside security systems to protect ships and pier facilities from unauthorized access, underwater, surface, and air attacks. Necessary development is included to provide locking devices, barriers, sensors, and blast deflection walls for secure structures and enclaves.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603572N Navy Dual Use Technology Program;X-94-4;;
This program stimulates the creation of new, cost effective technologies to respond to future Navy requirements;

helps translate new military technology into practical economic use; and encourages the use of lower-cost commercial technology in Navy applications.

0603573N Advanced Surface Machinery Systems;X-92-5;;
Develops an economical, reponsive high powered electric drive system for ship propulsion which incorporates recent size and weight reduction advances in electric machinery.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate Management and Support elements in this program.

0603575N Special Test Systems (H);X-80-005;
This program is of higher classification. Further information is available in the Office of Naval Research (ONR-100G).

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate Management and Support elements in this program.

0603576N CHALK EAGLE;X-1-004;
This program is of higher classification. Further information is available in the Office of Naval Research (Code 100G).

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate Management and Support elements in this program.

0603577N Shipboard Laser Weapon;X-7-09;
Includes RDT&E funds to develop a shipboard compatible laser fire control system for major AAW combatants. This element will take advantage of laser weapon and fire control applications currently being investigated in various 06.02 elements.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603578N A4W/A1G Nuclear Propulsion Plant;;
Includes RDT&E funds for development of two reactor nuclear propulsion plants for surface warships. These advanced plants will provide for increased performance, endurance, reliablility, and maintainability, and are being installed in NIMITZ class aircraft carriers.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate Management and Support elements in this program.

0603579N D2W Nuclear Propulsion Reactor;;

Includes RDT&E funds for development of an advanced nuclear propulsion reactor for destroyer-type warships. This reactor will provide for increased performance, endurance, reliability, and maintainability.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate Management and Support elements in this program.

0603580N Advanced Design Submarine Nuclear Propulsion;;
Includes RDT&E funds for development of an advanced submarine nuclear propulsion plant that will provide substantially higher performance than any submarine plant now in use or being designed.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate Management and Support elements in this program.

0603582N Combat System Integration;;
Includes RDT&E funds to support the integration of combat systems from sensors through command control to weapons systems.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate Management and Support elements in this program.

0603583N Joint Sonar Development (H);X-93-4;;
Includes RDT&E funds to participate in joint cooperative programs with allied nations to acquire performance and technical design information for potential application to future multi-mode sonar system development.

Current efforts involve:

A joint program with the United Kingdom to evaluate a long-range active and passive planar array sonar system. Specifically, this effort will determine the ability of such a sonar to reliably achieve submarine detections by the bottom-bounce acoustic transmission path under high ship's speed and high sea state conditions.

A joint program with the French to evaluate a deep-towed Reliable Acoustic Path (RAP) sonar. Specifically, this effort validates the acoustic performance of such a system and assess the ability to overcome the technical difficulties involved with operating the sonar at the extreme depths associated with RAP propagation.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603584N Over-the-Horizon (OTH) Technology (H);;
Includes RDT&E funds to evaluate the feasibility of OTH techniques for Fleet Air Defense (FAD) by evaluating actual technical performance of shore-based and ship-based equipment. If successful, will demonstrate operational capability for tactical warning of aircraft threat to naval units operating under Quiet Task Force Concept.

Excludes civilian and military manpower and their related costs and military construction costs which are included

in appropriate Management and Support elements in this program.

0603585N Shipboard Automation Development (H);X-80-004;
Includes RDT&E funds to develop an improved ship control system for modern surface ships that will allow centralization of ship control functions into one console.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603586N Naval Inshore Warfare Craft (H);;
Includes RDT&E funds to provide for the development of improved generic craft types to perform Naval inshore warfare missions.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate Management and Support elements in this program.

0603587N Test Bed Development and Demonstration (H);X-93-4;;
Includes RDT&E funds to support advanced development of High Energy Laser (HEL) subsystem/components to demonstrate potential HEL effectiveness as a weapon and to obtain data on subsytem performance and operability.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603588N SSBN Survivability;X-5-04;
Includes RDT&E funds to provide for the advanced development of countermeasures concepts identified by the SSBN Security Program. The SSBN Security Program will identify potential technologies which could affect the deterrent effectiveness of the SSBN force and develop countermeasures requirements to prevent the erosion of the covert mobility of the SSBN force. The range of capabilities desired should span the full spectrum of systems that will improve SSBN survivability. The systems developed will be selected using a systems engineering approach to ensure coordinated, synergistic and compatible capabilities. They will be organic to the SSBN and/or separate from the ship. All should be compatible with SSBN 616/641/726 classes, as well as address any new design SSBN.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate Management and Support elements in this program.

0603589N DDGX;X-1-002;
Includes RDT&E funds for design and development of a new major surface combatant ship (DDG-51 class). Included are ship design, combat system/radar system design and development. Programmed to replace cruisers and destroyers which will retire over the next 20 years.

Excludes civilian and military manpower and their related costs and military construction costs which are included

in appropriate Management and Support elements in this program.

0603591N Joint Advanced Systems;X-4-04;
This program is of a higher classification. Further information is available in the Office of the Chief of Naval Operations (OP-980).

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603592N SEA STAR;X-5-07;
Includes RDT&E funds for advanced development of a sensor for anti-submarine warfare.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603601N Mine Development;X-93-4;;
Includes RDT&E funds to provide for advanced development of naval mines and mine supportive systems to provide high volume mine delivery systems for cargo aircraft capable of rear door loading, surface ships, and a mine-laying belt for submarines; provide minefield protective devices which will enhance and prolong useful minefield life expectancy, extend applicability of current mine inventory; and reduce overall mining costs by destroying, damaging, and/or otherwise deterring enemy mine countermeasures forces; provide an underwater communications system that will remotely "arm" and "scuttle" naval sea mines; provide an intermediate water depth mine with an expanded damage radius against submarines and surface ships which can be delivered by submarines, surface ships, and aircraft; and provide new mine- fields planning techniques, new mine target data information, for incorporation of new United States and foreign mine data into the actuation mine simulator and a new passive mine-firing mechanism.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603602N CHALK PINE;X-6-03;
This program is of a higher classification. Further information is available in the Office of the Chief of Naval Operations (Op-980).

0603604N Advanced CW Weapon (H);;

0603605N Advanced Conventional Ordnance (H);X-80-004;
Includes RDT&E funding for development of various items of air-delivered, conventional ordnance (cluster weapons, guns, warhead, etc.).

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate Management and Support elements in this program.

0603606M Advanced Marine Corps Weapons Systems (H);X-80-004;
Includes RDT&E funds for the advanced development of all Marine Corps ordnance items and combat vehicles.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate Management and Support elements in this program.

0603609N Conventional Munitions;X-3-04;
Program includes RDT&E funds for development of explosives to meet requirements of OR #S0363-SL, including explosives that will not detonate in munitions exposed to fires, that will survive hard target penetration, will not mass detonate when exposed to enemy threats, can be used in severe military environments, and can be used in special effects warheads to deliver up to 75 percent more destructive energy on targets. Testing shows available 6.2 explosives exhibit marked improvement over in-service explosives, but they cannot be economically loaded into minitions and are insufficienty characterized to be useful to munitions designers.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603610N Advanced Warhead Development (MK-50);X-93-4;;
Includes R&D funds to conduct research into possible future improvements to the MK-50 Torpedo to insure it retains an advantage over the submarine threat. The program is structured to determine the feasibility of weaponizing promising concepts, given a demonstrated capability to significantly improve baseline MK-50 torpedo lethality.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603611M Marine Corps Assault Vehicles;X-79-011;
Includes RDT&E funds to design and develop assault vehicles that will meet the Marine Corps surface mobility/assault requirements of amphibious operations in the post-1985 time frame.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate Management and Support elements in this program.

0603612M Marine Corps Mine/Countermeasures Systems - Adv Dev;X-8-05;
Includes funds for Marine Corps advanced development of mine/countermine programs to include items for mine detection, mine clearing, lane proofing and lane marking.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603634N Electromagnetic Effects Protection Development;X-92-5;;
Includes RDT&E funds for Naval force electronic and communication survivability through the development and testing of electromagnetic effects protection technology. The primary emphasis is on development of protection against electromagnetic pulse (EMP) effects and testing of "whole ship" to EMP threat level. This effort will include coordination with other activities responsible for protection against own and enemy high power microwave, ultra wideband radiation, other electromagnetic effects and the reduction of shipboard electromagnetic interference.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program. PE 0603634N previously included funding to support the development of new theater nuclear weapons, the logistical support of existing theater nuclear weapons, the development of nuclear effects survivability technology and the testing of military equipment to these effects. In FY 1992, all funding with the exception of that for the development and testing of Electromagnetic Effects Protection Development was eliminated from the PE. The proposed new program element title better reflects the current focus of this program.

0603635M Marine Corps Ground Combat/Support System;X-7-09;
Includes RDT&E funds for the advanced development of Marine Corps equipment and systems for the conduct of close combat and fire support and the provision of battlefield mobility.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603640M Marine Corps Advanced Technology Demonstration (ATD);X-0-08;
Includes RDT&E funds for the development and demonstration of systems for stand-off mine detection capabilities for application in very shallow water, surf zone and ashore; mine neutralization; chemical/biological defense capabilities for Marine personnel and material; advanced infantry and vehicle mounted weapon systems; and application of computer technology to battlefield electronic support sytstems. Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603652N Fire Control System (H);;
Includes RDT&E funds to provide for advanced development of a total fire control system weighing less than 2500 pounds which will provide small craft with a complete air and surface capablility. Hardware development includes monopulse tracking radar, automatic electro-optical tracker, pedestal, digital computer, and displays.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603653N Gun Systems (H);;

Includes RDT&E funds to provide lightweight guns utilizing new technology to achieve improved accuracy, increased range, and improved reliability and maintainability.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603654N Joint Service Explosive Ordnance Development;;
Includes RDT&E funds to provide for the development of special equipment and tools needed to perform the hazardous mission of rendering safe explosive ordnance.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603655N Advanced Naval Gun Systems (H);;
Includes RDT&E funds to develop a high firepower, dual purpose, major caliber gun weapon system for combatant ships in the post-1980 time frame. The total effort includes the gun, ammunition, and fire control equipment. This advanced system will provide gun ranges to 30 miles against surface targets and 20K yards against air targets at firing rates of 60 SPM.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603656N Advanced Minor Caliber Gun;X-8-05;
Includes RDT&E funds for the development of an Advanced Minor Caliber Gun System (AMCGS) to be employed primarily in an anti-surface role with secondary role in anti-air warfare and tertiary role in anti-shore warfare. The proposed system will consist of a stabilized, deck-mounted minor caliber automatic gun, suitable for local operations with remote firing capabilities and variable firing rates. The AMCGS will have radar and/or electro-optical remote control options as well as battery backup power system.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603657N Gun System Development Program (GSDP) (H);X-78-003;
Includes RDT&E funds to provide a continuing program for entering new gun system technology into advanced development and will examine initially an extremely lightweight, automatic gun (80 to 200mm) for use by surface combatants. The Lightweight Intermediate Calibre Gun (LICG) will specifically exploit foreign and domestic technology for achieving accurate placement of high firepower with an effective range to the radar horizon. Specific goals include minimizing gun system weight and physical size to permit installation on the next generation of light displacement surface combatant craft as the primary surface strike weapon. The system would have applicability for intermediate and smaller size combatants.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603658N Cooperative Engagement;X-8-05;
Includes RDT&E funds for the development of a system to allow a battle force to employ all Anti-Air Warfare (AAW) assets so that the depth of fire against all targets is significantly increased. This will be accomplished by employing a common fire control quality threat data base within the force. To implement this capability, two unique prototype systems, developed under the BGAAWC program (PE 0603382N) will be integrated into Surface AAW Combat Systems. These combat system modifications will allow a surface-to-air missile on target even if the unit is unable to detect the target.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603659N Naval Surface Fire Support (NSFS);X-92-5;;
Includes RDT&E funding to develop an improved NSFS capability. The NSFS system is capable of achieving a mission kill against a variety of targets that include hard, mobile or point targets and dispersed soft targets at over-the-horizon ranges.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.. NSFS has been transferred from PE 0604602N (Naval Gunnery Improvement).

0603691N MK 48 ADCAP - Adv Dev;;
Contains RDT&E resources for advanced development of the Advanced Capabilities (ADCAP) modifications to the MK 48 torpedo.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603701N Human Factors Engineering;X-5-12;
Includes RDT&E funds to develop advanced and improved human factors and human factors engineering technologies for implementation in the design development and operational life cycles of Navy weapons systems, equipment, and facilities. Goals are to assure a good fit between the operator, the equipment, and the mission. Because of this work, hardware systems will operate more rapidly, with few human-induced errors, and with greater safety and maintainability. These human factors will enhance fleet performance. The current objectives of this program are to: (1) improve crew and work station design and evaluation methods to reduce errors and increase effectiveness of operations; (2) establish target acquisition and weapon systems standards for displays people can understand; (3) develop human performance assessment techniques for air combat maneuvering to increase the number of enemy planes shot down; (4) provide initial human factors support for new systems, and (5) improve the integration between ships and their crews.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603702N Ocean Engineering Systems Development;;

Includes RDT&E funds to assist in providing the Navy with the capabilities necessary to rescue surviving personnel from distressed submarines, to conduct shallow and deep ocean salvage operations, and to improve life support and work systems for shallow water nonsaturated divers.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603703N Mobile Anti-Submarine Warfare Targets (H);;

0603704N ASW Oceanography;X-7-09;
Includes RDT&E funds directed towards improving Navy's capability to more rapidly, accurately, and economically collect oceanographic environmental data to support modern weapons systems.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603705N Advanced Logistics;;
Includes RDT&E funds for a program to improve logistics support of the fleet. Projects include improved aircraft rearming rates, advanced medical developments, underway replenishment, nuclear power ashore, logistics management information, and manpower management information systems.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603706N Medical Development;;
Includes RDT&E funds to provide for advanced development of improved medical equipment, and systems.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603707N Manpower, Personnel and Training Adv Tech Dev;X-92-3;
Includes RDT&E funds to develop methods and technologies that reduce manpower costs and improve performance through advanced systems for testing, classifying, training, and assigning Navy personnel; and that increase wepons system effectiveness through integration of human factors. Demonstrates technologies for manpower requirements forecasting and personnel management systems. Develops advanced human factors engineering technologies for implementation in the design, developmant, and operation of Navy weapons systems, equipment, and facilities. Provides for improved training technology, and for hardware to demonstrate the feasibility and cost effectiveness of new technologies in simulation and training devices.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603708N ASW Signal Processing;X-93-4;;

Includes RDT&E funds to develop common Detection/Classification (D/C) capabilities for use by surveillance, air, surface, and subsurface platforms in the passive detection and classification of submarines. This multiplatform effort will be based on techniques evolving from various independent but related research and development programs. The capabilities to be developed will allow the classification of target submarines based on their noise emissions and will have application in the Sound Surveillance System (SOSUS) as well as in P3, S3, SSN, and surface tactical and surveillance towed array platforms. Cost savings will accrue by the development of equipment/techniques with common applicability to a variety of passive detection systems. D/C will provide improvements in threat submarine detection sensitivity and classification accuracy and rapidity.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603709N Advanced Marine Biological System;X-93-4;;

Includes RDT&E funds used to demonstrate the feasibility and develop systems using marine mammals in naval operations. Two MCM systems, a Swimmer Detection system and an Object Recovery System have been developed and are successfully deployed.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603710N Man-Machine Technology;X-1-011;

Includes RDT&E funds for advanced development of techniques to improve the effectiveness of people assigned to current weapon, sensor and other man-machine systems. The work will have a special impact on the number and quality of manpower required, the training needed, and physical and mental standards of personnel. Man-machine systems for manpower and personnel activities are included. An eventual impact will be made on man-machine system design.

Excludes civilian and military personnel and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603711N Fleet Tactical Development;X-94-3;;

Includes RDT&E funds to provide for the specification, development, prototyping, and testing of portable automatic data collection and reconstruction hardware and software Equipment developed will be usable onboard ships, aircraft, and submarines to automatically record specificed data elements required for the evaluation of the tactical employment of the particular platform. Development and utilization of these equipments and software packages will reduce the requirement for manpower to manually record and process the data in preparation for post-exercise analysis.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603712N Environmental Quality and Logistics Advanced Technology;X-94-3;;

Includes RDT&E funds which provide for coordinated programs to assess and demonstrate technologies to meet environmental requirements and to maintain logistics advances supporting weapon systems readiness and sustainability goals (e.g., reduced manpower and support costs). These funds will allow technologies developed in the 6.2 environmental quality program and projects with potential for generic applications across weapon systems to transition from concept technology to prototype test and demonstration. Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603713N Ocean Engineering Technology Development ;;
Includes RDT&E funds to provide Navy with the medical and engineering technology necessary to permit safe, manned and unmanned, deep ocean, operational capabilities.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603714N Nuclear Vulnerability/Survivability (H);X-80-004;
Includes RDT&E funds for the assessment of nuclear vulnerability of Navy systems (other than Fleet Ballistic Missile Systems), including shipboard systems, aircraft systems, and fleet communications systems.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603715N Electronic Intercept System (H);;

0603716N Laser Countermeasures and Counter-Countermeasures (H);X-1-007;
Includes RDT&E funds to commence a program with the objective to increase the survivability of U.S. Navy systems against the imminent Soviet laser weapon threat. The program will provide the necessary data base from which to determine the more promising systems hardening techniques, provide vulnerability assessments on United States systems, and advise system program managers on their system's vulnerability, and will make specific recommendations for implementation of hardening techniques. The initial program is aimed at hardening electro-optical sensors on air-launched missiles and airborne surveillance systems against antisensor laser weapons, and hardening attack aircraft and air-to-surface missiles against high energy laser weapons. Details and thrust of the outyear efforts remain to be quantified.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603717N Command and Control Systems;;
Includes civilian U.S. direct hire manpower and RDT&E funds to develop a capability for automated processing, integration, correlation, and display of ocean surveillance information from all available sources concerning activities on, over, or under the world's oceans, and for dissemination of this information to naval commanders.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603718N Biological/Chemical Protection (H);;

0603719N Container Off-Loading and Transfer System (COTS);;
Includes Navy development portion of deployable facilities and equipment in support of (and an element of) DOD's Master Plan for a Container Support Distribution System. The development will provide an integrated and balanced cargo throughput system for discharging nonselfsustaining containerships and other ships where deep water ports with container handling equipment are not available, and in support of Amphibious Objective Area (AOA) and Advance Base Operations. Development of cranes and quick mounts on merchant or Navy hulls without peacetime alterations will be pursued. Motion control devices, like powered taglines/spreaders, sling, as well as all supporting and vital functions such as moorings in rough weather and deployable breakwaters, are included. Additionally, a variety of pontoon-type modular components to upgrade current ship-to-shore floating causeway capability into an improved, low-cost system for assault and resupply utilizing pallets, containers, and barges is provided for. This project provides for integration of modular components into an all-purpose, ship-to-shore system including utilization of assets under other programs. This development effort was originally provided for under PE 0603705N, Logistics, but is now being established as an independent element.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603720N Education and Training;;
Includes RDT&E funds to provide for advanced development of improved education and training technology.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603721N Environmental Protection;;
Includes RDT&E funds for the development of systems to reduce or eliminate environmental pollution from naval ships and installations. Specifically includes, but is not limited to, funds for development of oil/water separators, oil cleanup apparatus (booms, etc.), sewage treatment devices, compactors, incinerators, and ordnance reclamation plants.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603722N Naval Special Warfare;X-7-09;
Includes RDT&E funds to provide for the advanced development of Naval Special Warfare Systems which include the development of SEAL weapons, ordnance, and related equipment such as delivery/recovery systems for Navy combat swimmers. Naval Special Warfare Combatant craft are also developed under this PE.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603723N ASW Force Command and Control System (H);X-78-003;
Includes RDT&E funds for the development of integrated, near real-time command and control capabilities for the Fleet Commanders-In-Chief, and ASW Force Commanders and Subordinates responsive to both tactical and strategic considerations.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603724N Navy Energy Program;;
Includes RDT&E funds directed toward realizing alternative energy sources in light of decreasing petroleum fuel availability, e.g., testing of liquid fuel derived from coal; develop kilowatt level power source capable of unattended operation continuously for several years without dependence on the atmosphere or fuel replenishment and capable of operation in remote locations and/or in difficult environments such as deep underwater or in polar regions; and seaborne (movable) nuclear electric power plant.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603725N Facilities Improvement;;
Includes RDT&E funds to develop facilities and equipment subsystems, components, materials, and procedures essential to improvement in the effectiveness and economy of Naval Construction Forces(NCF), the Military Construction Program (MILCON), and Operation and Maintenance (O&M) of facilities.

0603726N Merchant Ship Naval Augmentation Program;X-2-008;
Includes funds for development of means of rapidly providing capabilities in merchant ships to enable them to augment naval underway replenishment vessels in time of war.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603727N Navy Technical Information Presentation System;X-78-002;
Includes RDT&E funds for advanced development of improved methods of presenting technical information for fleet maintenance, operations, and training.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603728N Manufacturing Technology;X-78-002;

Includes RDT&E funds to provide for the fabrication, test, and evaluation of developmental prototype production equipment, tooling, and processes to be used for the manufacture of naval material. Projects are undertaken where a military manufacturing requirement is identified and where the associated economic risk is beyond that acceptable to private industry. When successfully completed, each project will result in proven feasibility (Typically prototype equipment) of a new or improved method of manufacturing. Subsequent purchase and demonstration of operational production equipment based on the results of these projects will be procurement funded. All projects for which funds are requested are supported by economic analysis which indicate their effectiveness, and are general purpose in nature, i.e., not dedicated to a specific weapon system.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603729M Marine Corps Combat Services Support;X-78-014;
Includes RDT&E funds for the advanced development of Marine Corps equipment needed for the supply, maintenance, engineer, motor transport, and service support of operating forces.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603730M Marine Corps Intelligence/Electronics Warfare Systems;X-78-014;
Includes RDT&E funds for the advanced development of Marine Corps intelligence and electronics warfare equipment and systems required for the support of operating forces.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603731M Marine Corps Command/Control/Communications Systems;X-78-014;
Includes RDT&E funds for the advanced development of all Marine Corps C3 equipment and systems required for the conduct and support of combat operations.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603732M Marine Corps Advanced Manpower/Training Systems;X-78-014;
Includes RDT&E funds for the advanced development of systems and equipments to improve the manpower and training readiness of the Fleet Marine Forces.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603733N Simulation and Training Devices;X-5-12;

Includes RDT&E funds for advanced development of hardware to demonstrate feasibility and cost as proof of the advantages to be gained from the application of new technologies to simulation based instruction.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603734N CHALK CORAL;X-7-07;
This program is of a higher classification; for further information contact CNO (OP-090).

0603735N WWMCCS Architecture Support;X-7-09;
Includes RDT&E resources in support of the DOD World-Wide Military Command and Control System (WWMCCS) architecture activity, and internal (departmental) studies related to the overall DOD effort. Specifically includes studies and analyses dealing with WWMCCS architecture; systems engineering for broad command and control systems; and WWMCCS tactical command and control interface.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603736N Strike Warfare Technology;X-1-004;
This program is of a higher classification. For further information contact CNO (Op-090).

0603737N LINK HAZEL;X-2-003;
Details are of a higher classification. For further information contact OP-090J, x56755.

0603738N LINK WILLOW;X-4-08;
Details are of a higher classification. For further information, contact Op-980C.

Excludes manpower and related costs.

0603739N Navy Logistic Productivity;X-4-08;
Includes development and evaluation of incentive systems for improving the productivity of civilian and military personnel. Identifies barriers to increased productivity and evaluates the effect of removing them. Develops techniques for easing the introduction of new technology to the work place. Identifies and evaluates methods for improving the quality of work-life.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate Management and Support elements in this program.

0603740N LINK LAUREL;X-5-04;

Details are of a higher classification. For further information, contact Op-980C.

0603741N Satellite Laser Communications (H);X-91-2;

Includes RDT&E funding for technology demonstration and development of engineering and operational concepts for a satellite laser communications system which can deliver timely messages to submerged submarines with few or no constraints upon their operation.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603742N Advanced Electronic Devices Development;;

Includes RDT&E funds for development of key advanced electronic components such that viable technical options can be made available to system developers. Systems for surveillance, electronic warfare, weapons guidance, etc., have fallen behind schedules, had cost increases, and have failed reliability goals due to the immaturity of electronic devices. The best known examples have been in the airborne radar and electronic countermeasures areas. The basic problem which this program seeks to solve is the fact that the 6.2 exploratory developments programs establish only device feasibility, typically on only one or two laboratory prototypes. This program is aimed at carrying out the reliability and standardization work vital to permit transition of electron devices into an item acceptable to system designers. Some examples of planned programs are Charge Coupled Devices - for solid state television. Low cost, small reliable devices for missile guidance, remote piloted vehicles, submarine night periscopes; Traveling Wave Tubes - for electronic countermeasures; and Fiber Optic Cables - reduced cost, weight and vulnerability for airborne, surface and undersea applications.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program application to providing ocean surveillance information to tactical and strategic commanders.

0603743N ARIADNE;X-4-08;

ARIADNE is a joint Navy/ARPA long-term, rapidly deployable adjunct to the undersea surveillance system.

Excludes manpower and related costs.

0603744N LINK SPRUCE;X-5-04;

Details are of a higher classification. For further information, contact Op-980C.

0603745N RETRACT OAK;X-5-04;

Details are of a higher classification. For further information, contact Op-980C.

0603746N RETRACT MAPLE;X-5-04;

Details are of a higher classification. For further information, contact Op-980C.

0603747N Undersea Warfare Advanced Technology;X-94-3;;
Includes RDT&E funds for an advanced technology demonstration of Broadband and active acoustic detection and classification techniques. Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603748N LINK PLUMERIA;X-7-09;
Details are of a higher classification. For futher information, contact Op-980C.

Excludes manpower and related costs.

0603750N CHALK WEED;X-7-09;
Details are of a higher classification. For futher information, contact Op-980C.

Excludes manpower and related costs.

0603751N RETRACT ELM;X-7-07;
Details are of higher classification; for further information, contact CNO (Op-090J), X56755.

0603752N CHALK POINSETTIA;X-7-07;
Details are of higher classification; for further information, contact CNO (Op-090J), X56755.

0603754N High Energy Laser (H);X-1-007;
Includes RDT&E funds to provide for development of a laser radiation weapon system which will have the capabilities of depositing damaging amounts of thermal energy on targets, become increasingly more lethal as range decreases, and can engage multiple targets in rapid sequence. The utilization of this weapon system as an antiship missile defense weapon is an optimum application. A strong technological base has been developed and will continue to be upgraded in order to improve the effectiveness of the initial ASMD system at-sea tests and provide a second-generation laser with improved performance.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603755N Ship Self Defense;X-92-3;;
Details are of a higher classification. For further information, contact the Office of the Chief of Naval Operations (OP-08J).

0603763N Warfare Systems Architecture and Engineering;X-92-5;;
Includes RDT&E funds for Warfare Systems Architecture and Engineering (WSA&E) which provides the fundamental models baseline data, and framework to assess the total Navy force warfighting capabilities for the Defense Programming Guidance scenarios across a complete spectrum of potential conflicts. It provides Top Level Warfare Requirements (TLWRs) as categorical standards for warfare appraisals and Cost and Operational Effectiveness Analysis (COEA) studies. It provides standard scenarios for both joint and naval multi-warfare assessments and provides correlated standard forces, warfare architecture and engineering and Navy/joint requirements data bases used to evaluate the present and future warfare effectiveness of naval forces. Output from the interrelated standards provided by WSA&E yield consistency in rational decision making processes for the Navy and joint service programs including force architecture options, operational effectiveness options among alternative weapon systems, prioritization of warfighting requirements, assessment of risks from down sizing, altering force structure, or programmatic delays and evaluation of new proposals.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603764N LINK EVERGREEN;X-6-03;
This program is of a higher classification. Further information is available in the Office of the Chief of Naval Operations (Op-980).

0603765M Other Marine Corps Development (H);X-80-004;
Includes RDT&E funds for all Marine Corps advanced development efforts except those related to weaponry, combat vehicles, and data systems.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603766M Marine Corps Data Systems (H);X-80-004;
Includes RDT&E funds for advanced development related to Marine Corps data systems. Efforts will be directed toward tactical command and control systems and related subsystems.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603768N Balanced Technology Initiative;X-8-03;
Funds research on innovative concepts and methods of enhancing conventional defense capabilities, as well as research to facilitate restoration of the conventional defense technology base. Involves work in five thrust areas: (1) Smart Weapons, to include advanced sensor development and automatic target recognition; (2) Surveillance and BM/C3 Technologies, relevant to land, sea, and air warfare; (3) Anti-Tactical Missile Technologies, including electromagnetic launchers and projectiles; (4) Armor/Anti-Armor Technologies, such as

advanced armor concepts and high-performance kinetic energy penetrators; and (5) High Power Microwaves, effects and test system component development.

Excludes military and civilian manpower and their related costs.

0603771N Industrial Preparedness Manufacturing Technology;X-95-1;
Includes research and development by the Navy of technologies used in manufacturing processes.

0603780N Tactical Towed Array Sonar (H);X-1-007;
Includes RDT&E funds to develop tactical towed array sonars to provide ASW-capable surface ships with a long-range passive detection, classification, and tracking capability against current and future threat submarines. Such sonars provide significant performance improvements with respect to hull-mounted sensors by virtue of their ability to use wider acoustic apertures and to be positioned remotely from tow-platform noise. The system now in development has been designated the AN/SQR-19. The Tactical Towed Array Sonar development effort will transition to PE 0604713N effective in FY 1978.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603782N Shallow Water MCM Demos ;X-91-2;;
Includes RDT&E funds for the conduct of technology demonstration to reduce the outyear acquisition risks using Light Detection and Ranging (LIDAR) for mine detection and classification in a maritime environment. Detection of surf zone and deep water mines will be considered with most of the emphasis placed on surf zone mine detection due to greater technical difficulty.

Excludes military and civilian manpower authorizations and related costs and military construction costs which are included in appropriate management and support elements in this program.

0603783N Integrated Platform Communications Development (H);X-91-2;
By direction of Congress in the Fiscal Year 1987 budget, RDT&E funds for three projects previously residing in different program elements are consolidated herein. The three projects involved are:

X0725 - Integrated Communications Systems/Shipboard Communications Area Network (ICS/SCAN) which develops a generic shipboard exterior communication architecture.

X0739 - develops an improved airborne communications suit for the TACAMO aircraft including integration of the EHF MILSTAR engineering development, develop a very low frequency (VLF) solid state power amplifier and a dual trailing wire antenna as a joint program with the Air Force.

S1411 - Attack Submarine Integrated Communication Systems (SSN ICS) will provide attack submarines with communication systems designed to: (a) enhance data throughput, (b) copy tactical data networks such as TADIXS (tactical data information exchange system), (c) be interoperable with other U. S. and allied military networks, and (d) improve reliability and availability.

Excludes civilian and military manpower and their related costs which are included in the appropriate management and support elements in this program.

0603784N Fixed Distributed System - Adv;X-93-4;;
Includes RDT&E funds for the development of future fixed and mobile, deployable ASW surveillance systems to improve the undersea surveillance capability against submarines in all modes of operation and under all environmental conditions.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603785N Combat Systems Oceanographic Performance Assessment;X-93-3;;
Includes RDT&E funds to improve combat system performance in environmentally complex and variable areas. Consists of Sensor Performance Prediction (SPP), Advanced Environmental Acoustic Support (AEAS), and Advanced Underwater Acoustic Modeling projects. Program provides modeling and in-situ assessment of oceanograph/atmospheric conditions in harsh environments; C4I system embedded tactical decision aid software which helps to optimize employment of mine/counter-mine, ASW, and surveillance systems within those environments; modeling, simulation, and assessments in support of the design of sensors and weapons to be employed in littoral regions.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriated management and support elements in this program.

0603786N Airborne Electro-Magnetic Optical Systems;X-80-006;
Includes RDT&E funds to provide for the advanced development of airborne electro-optic systems. Included is the development of electro-optic collection sensors and electro-optic measurement sites which operate in the Ultra Violet (UV) visual, and infrared portions of the electro-magnetic spectrum, and the development of electro-optic countermeasures and techniques to degrade enemy electro-optic systems.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603787N Special Processes;X-80-006;
Includes RDT&E costs specifically identified and measurable to special classified projects for which information on resources assigned will be provided only on a need-to-know basis to authorized personnel identified on a special access list.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603788N Moored Surveillance System;X-93-4;;
Includes RDT&E funds for development of a highly flexible, quick reaction, air-deployable undersea surveillance

system which will employ fields for barriers of acoustic sensors to detect, classify, localize, and track threat submarines.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603789N Surveillance Towed Array Sensor System (H);X-93-4;;
Includes RDT&E funds for development of an advanced, mobile, passive, acoustic linear array ocean basis undersea surveillance as an augment and adjunct to other undersea surveillance sensors/systems.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603790N NATO Research and Development;X-6-03;
Includes RDT&E funds specifically for NATO cooperative R&D Projects in accordance with the following:

Each project must involve "joint participation by the United States and one or more other member nations of NATO under a Memorandum of Understanding (or other formal agreement)" to either "develop new conventional defense equipment and munitions; or modify existing military equipment to meet United States military requirements." Each project must enhance "the ongoing multinational effort to improve NATO'S conventional defense capabilities through the application of emerging technology."

The Secretary of Defense or his designees, the Deputy Secretary of Defense or Under Secretary of Defense for Research and Engineering will approve all proposed NATO Cooperative R&D Projects in advance of concluding any joint participation agreement.

Funds for the projects "may not be used to procure equipment or services from any foreign government, foreign research organization or other foreign entity," e.g., funds are to be used in U.S. only.

Excludes manpower authorizations and related costs and military construction costs.

0603791N Reliability and Maintainability Initiatives (H);X-78-003;
Includes RDT&E funding supporting development of improved reliability and maintainability of systems and subsystems. Particular emphasis is placed on achieving life cycle cost savings by reducing O&M funding requirements.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603792N Advanced Technology Transition;X-6-03;
Includes RDT&E funds for Budget Activity 2 Advanced Technology Development, which provide a formal mechanism to foster and encourage transition of the most promising technological opportunities into development programs. The program is designed to identify and exploit emerging technologies, promote transition of maturing 6.2 efforts and

reduce system development risk. The projects undertaken are feasibility demonstrations of no more than three years in duration of systems or subsystems with clear Navy need and with planned transition.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603793N ASW Sensors (Prototype) (H);X-80-004;
Includes RDT&E funds to develop a sonar system for the Patrol Frigate (PF) destroyer.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603794N C3 Advanced Technology;X-0-08;
Includes RDT&E funds for the conduct of proof of design projects in three C3 areas: (1) Automated Integrated Communications System (AICS), the application of digital networking techniques to voice, data and video communications, (2) transition of C3 developmental software into ADA and (3) Multi-level Security (MLS), advanced development of a multi-level secure processing system allowing all operational personnel in command centers access to a single tactical picture. Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603795N Gun Weapon System Technology;X-0-08;
Includes RDT&E funds for the investigation and evaluation of concepts for the development of an Advanced Gun Weapon System (GWS) to meet requirements beyond the year 2000 in combatting the following: High speed maneuvering surface targets, small craft (cheap kill), precision firing in confined areas, support of OTH Amphibious assaults, and low flying air targets. Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603797N Surface Electro-Magnetic Optical Systems (H);;
Includes RDT&E funds to provide for advanced development of shipboard electro-optic systems for countering hostile electro-optic weapons, reduction of ship infrared signature, electro-optic intelligence gathering capability, and low light level navigation, reconnaissance, and station-keeping capability.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603799N R&D Future Options;X-80-005;
Includes R&D funds to be used for future developments or improvements.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603800N Joint Advanced Strike Technology - Dem/Val;X-95-1;

Funds a joint program to develop a high-technology, low-cost multirole fighter aircraft for the Air Force, Navy, and Marine Corps.

0603831N Classified Programs;;;

0603889N Counterdrug RDT&E Projects;X-94-2;;
Captures all counterdrug advanced development costs not associated with a counterdrug-unique PE and specifically identified and measurable against other active counterdrug programs.

Includes advanced development efforts to translate technology into technical and operational prototypes suitable for field evaluations. Efforts include both non- systems and systems technology developments. May also be used for demand reduction development efforts. Only projects approved by the Secretary of Defense and supported by the transfer appropriation will be included.

0604202N S-3A Aircraft (H);;

0604203N Standard Avionics Development;X-7-09;
Includes RDT&E funds for engineering development of advanced avionics equipment for Navy/Marine Corps airplanes, e.g., integrated avionics test equipment and weapons delivery systems.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604204N Target Development (H);;
Includes RDT&E funds for engineering development of drone targets required for support of operational systems. An automatic closed loop formation control system to fly two or more targets in a precise formation is currently under development.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604205N Laser Target Designator (H);;
Includes RDT&E funds to provide for engineering development of the Laser Spot Tracker (LST) system which permits detection, acquisition, and attack of targets which have been designated with laser energy. LST will be compatible with laser equipment being developed by other services.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604206N Target Recognition and Acquisition Mode (TRAM) (H);;

Includes RDT&E funds to develop the Marine Corps OV-10D Night Observation Surveillance (NOS) System which incorporates a FLIR and laser range designator and associated avionics to perform assigned mission of observation, sensor reconnaissance, tactical air coordination, target designating, and surface-to-surface fire adjustment, day and night. Previously funded under OSIP 30-75 as a nonrecurring cost effort but moved to RDT&E in accordance with OSD policy. This element is established to accommodate the move of funds from OSIP account.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604207N OV-10 Weapon System Upgrade;X-4-08;
Includes RDT&E funds to develop the Marine Corps OV-10D Night Observation Surveillance (NOS) system which incorporates a FLIR and laser range designator and associated avionics to perform assigned mission of observation, sensor reconnaissance, tactical air coordination, target designating, and surface-to-surface fire adjustment, day and night. Previously funded under OSIP 30-75 as a nonrecurring cost effort but moved to RDT&E in accordance with OSD policy. This element is established to accommodate the move of funds from OSIP account.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604208N Range Instrumentation Systems Development (RISD);;
Includes RDT&E funds for the development of range instrumentation systems and equipment on Navy test and training ranges (air/surface/subsurface) to support development/operational testing and training in various modes of operation and environmental conditions. Further, to develop unique and specialized instrumentation for test and evaluation ranges and facilities to replace obsolete systems, improve efficiency of operation, and to provide needed capabilities to adequately test future weapons systems.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604209N Tactical Airborne Signals Exploitation System (TASES) (H);X-78-003;
The movement in FY 1977 of this devlopment program to the engineering phase consists of the installation and integration of an automated Electronic Support Measures (ESM) system and associated active sensors in an S-3 aircraft. A carrier-based TASES (Tactical Airborne Signals Exploitation System) is required by the Navy to support tactical strike operations and to enhance fleet tactical surveillance by the real time exploitation of enemy tactical comunications and radar activity. Program will culminate in IOT&E and the preparation of a production system specification. Advanced development is being accomplished in PE 0603206N, W3338.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604210N Search and Rescue Systems (H);X-78-003;
Includes RDT&E funds to develop combat SAR (Search and Resuce) systems to improve survival and retrieval capabilities for downed air crewmen in hostile environments.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604211N IFF System Development;X-7-09;
Includes RDT&E funds to provide for engineering development of an identification system (IFF) which maintains tri-Service equipment commonality in transponders and interrogators.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604212N Other Helo Development;X-96-1;;
Includes RDT&E funding for development support for improvements to current systems for AH- 1 and CH/NH-53 aircraft.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604213N Helicopter Development;X-80-003;
Includes RDT&E funds to redesign and improve current systems or major components and/or to design new systems and major components thereby increasing the effectiveness of the total aircraft. At the present time, the entire effort is to provide a night vision system to helicopters; this will permit a larger number of assault and combat support missions to be conducted at night and during periods of reduced visibility.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604214N AV-8B Aircraft - Eng Dev;X-7-09;
Includes RDT&E funds for engineering development and testing of an improved, vectored thrust, VSTOL subsonic aircraft. Development will be based on the AV-8A aircraft concept using latest technology and aircraft design to achieve significant capability improvements. It will provide the replacement aircraft for all USMC light attack aircraft.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604215N Standards Development;X-93-3;;
Includes RDT&E funds to support the engineering development of ground support and advanced avionics equipment for Navy/Marine Corps aircraft ashore and afloat to address the proliferation of unique avionics equipment that increases with each new or modified aircraft.

Excludes civilian and military manpower and their related costs and military construction costs which are included

in appropriated management and support elements in this program.

0604216N Multi-Mission Helicopter Upgrade Development;X-96-1;;
Includes funding for development, integration and testing of weapon system improvements designed to enhance and upgrade the warfighting capability of SH-60 Helicopters; and development and test of the Airborne Low Frequency Sonar system for incorporation into the SH-60R Multi-Mission Helicopter.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604217N S-3 Weapon System Improvement;;
Includes RDT&E funds to expand existing antisubmarine warfare (ASW) avionics equipment capability to accommodate 1985-2000 submarine threat environment and to increase the ancillary communications, surveillance, warning, and antisurface targeting and attack systems capability in order to provide flexible tasking options for tactical commanders in a multithreat sea control environment. Inherent S-3A growth potential will allow for the design and development of substantial refinements in existing sensors and equipment. The avionics imporovements will be retrofitted into existing S-3As. This program (which was in PE 0604219N, WO489 AS, VS (S-3) Avionics Improvements) will analyze cost and effectiveness of incremental improvements achievable in on-board sensors compared wtih alternative state-of-the-art equipments and sensors under development, as well as respective softwares. Training facilities and tactical support centers (ashore and afloat), operational and support software, and airframe and engine impact will be assessed. Interface requirements with DCP-96 advanced sensors, to include operations in a jamming environment, will be determined. Defensive and offensive survivability methodology required for S-3A to operate in a multithreat environment will be reviewed for application. The S-3 ( ) Sensor Suite will be defined and a development plan and schedule will be produced. A design-to-cost goal of $3.6M/aircraft has been established. Cost savings will be realized by employment of design and engineering practices to provide higher reliability and to reduce required maintenance manhours per flight hour. Complete integration of all improvements will follow preliminary flight testing. There will be extensive test and evaluation of the integrated weapon system. Procurement packages for new or modified hardware will be prepared.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604218N Air/Ocean Equipment Engineering;X-4-08;
Includes RDT&E funds to modify existing Navy receiving and processing equipment to accept data from newly orbited environmental satellites; develop equipment to measure meteorological parameters affecting electro-optic/electro-magnetic weapons systems; and improve existing equipment and adapt non-Navy developed equipment for the acquisition and display of environmental data and information. Applicable to all Navy ships, aircraft, and shore activities required to measure or display environmental data.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604219N Airborne ASW Developments;;

Includes RDT&E funds for engineering development and operational test and evaluation of airborne antisubmarine warfare systems. This element provides for the orderly transition of advanced development projects in the air ASW area. The projects embrace acoustic and nonacoustic sensors for the detection, classification, and localization of submarines, as well as aircraft electronics systems for ASW.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604220N Aircraft IR Signature Suppression;;
Includes RDT&E funds to develop techniques and modifications to airframes and engines to reduce aircraft vulnerability to threat weapons systems utilizing heat emitting sources for acquisition and targeting.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604221N P-3 Modernization Program;X-78-014;
Includes RDT&E funds to modernize the P-3C (Non-Update III) Air ASW Weapons Platform. This integration program will take advantage of existing equipments to provide the sea control mission effectiveness to counter the threat through the year 1995.

The program consists of four projects; 1149-AS, ESM Integration, which will provide threat spectrum capability; W1150-AS, Communications Integration, which will provide state-of-the-art communications capability; W1151-AS, Localization System Integration, which will provide integrated software/hardware equipments to accomplish the localization to attack task; and W1152-AS, ASP Modification, which will integrate the Proteus Signal Processor into the P-3C (Non-Update III) Weapon System.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604223N Visual Target Acq., Identification, and Weapons Control Sys Dev (H);;
Includes RDT&E funds to provide for engineering development of visual target acquisition, visual target identification, and short-range weapons aiming and control system for Navy fighter and attack aircraft.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604224N Airborne Electronic Warfare - Eng;X-7-09;
Includes RDT&E funds to provide for the engineering development and testing of an adaptive self-protection system for USN and USMC tactical aircraft. Rapid changes and expansion in threat systems have outrun our capacity and make it economically unsound to modify and update Navy's currently installed system. The system being developed in this program element will utilize existing technology and componentry incorporated into a carrier-capable POD adaptive to a variety of USN/USMC tactical aircraft including the AV-8B/A, P-3C and S-3A. The adaptive PODed system will be modular in design to accommodate various threats and localized scenarios; incorporate programmable

multiple response modes to ensure countermeasure is tailored to threat encountered; and be capable of providing stand-alone protection for those tactical aircraft not equipped with an integral self-protect system. Advanced development was accomplished in PE 0603206N and other DOD EW Programs.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604225N Advanced Radar Warning System;X-1-007;
Includes RDT&E funds to provide for the engineering development and testing of an advanced airborne radar warning system for USN and USMC tactical aircraft. Expansion, changes, and improvement in threat systems necessitate a dedicated effort to the detection, warning and alerting of tactical aircrew for survival and self-protection and weapon control support. This development will also include power management of active self-protection systems; provision for EA-6B RWR System; and antiradiation missile support including detection and parameter set-on. Advanced development was accomplished in PE 0603206N, Airborne Electronic Warfare.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604226N Airborne Self-Protective Jammer;X-7-07;
Includes RDT&E funds to provide for the engineering development and testing of the next generation baseline EW self-protective jammer system for USN/USMC aircraft. Threat evolution and growth projected into the 1990s and beyond will have out-distanced our technical and economic capacity to modify and update existing systems or add interim tailored countermeasures equipment. The system being developed in this program element will incorporate the technology and concepts developed in PE 0603206N and other DoD EW developmental programs.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604227N HARPOON Modifications;X-1-011;
Provides RDT&E funds to develop improvements to the Navy's HARPOON anti-ship missile. These will include range extension, guidance and survivability improvements.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604228N SH-60 CV Variant;;
Includes RDT&E funds for the development, testing and evaluation of a replacement helicopter for the Navy's SH-3Hs which are nearing the end of their service life. The replacement helicopter will be a dipping sonar variant of the SH-60B. Its primary mission will be ASW protection for CVBGs in the inner zone with secondary missions including search and rescue, plane guard, and logistics support. The equipment included will draw heavily on existing systems with some upgrading and modifications. The specific configuration is yet to be defined.

Excludes civilian and military manpower and their related costs and military construction costs which are included

in appropriate management and support elements in this program.

0604229N Carrier Inner Zone ASW Helicopter;X-4-04;
Includes RDT&E funds for development of a carrier helicopter to operate against submarines in the battle group inner zone (out to 50 nautical miles). This new helicopter is needed to replace the aging SH-3 which were introduced into the fleet in the early sixties.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604230N Warfare Support System;X-7-07;
Includes RDT&E funds for the development of command and control systems, surveillance sensors, fusion centers, technical data bases and environmental support. Developments within this program element will yield a common system that supports establishing/maintaining technical characteristics and performance data, collection of non-organic data ashore and afloat, developing an all-source tactical picture, and intelligence analysis.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604231N Tactical Command System;X-7-07;
Includes RDT&E funds for the development of tactical displays, planning and resource allocation decision aids and mechanisms for the tactical control of forces. Developments within this program element use tactical information to assist the decision maker in formulating plans and making/disseminating decisions related to the employment of forces.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604232N Communication Support System (H);X-91-2;
Message standards and communications management. Developments within this program element will support message, voice and data communications among platforms, sites and warfare systems; processing of incoming and outgoing messages into message standards and user specified formats; and data routing to the user. The program includes the coordinate development and acquisition of overall communications capabililty and the operation and management of communications to account for flexibility of operation, alternative transmission paths and technology evolution.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program. Also excludes JTIDS (0205604N), SATCOM (0303109N), COMSEC (0303401N), EHF SATCOM (0604577N), and JINTACCS (0604779N).

0604233N AFX;X-93-3;;

Details are of a higher classification. For further information, contact the Office of the Chief of Naval Operations (OP-984, x43629).

0604245M H-1 Upgrades;X-96-1;;
Includes funding for the development, test, and evaluation of a common 4-bladed rotor system and drive train for the AH-1W and UH-1N aircraft and an upgraded cockpit for the AH-1W. Design engineering and trade studies will focus on a new rotor system with semi- automatic fold and composite blades, a new performance matched transmission, a new 4- bladed tail rotor, a more effective elevator, upgraded landing gear, and pylon structural modifications. This program will maximize commonality between the two aircraft and provide needed improvements in crew and passenger safety, survivability, payload, power available, endurance, range, airspeed, maneuverability and supportability. The AH-1W cockpit upgrade will integrate communications, digital fire control, navigation and night targeting and create near mirror image stations.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604251N CH-46 Replacement;X-93-2;;

0604252N Aircraft Propulsion (H);;

0604253N Airborne Tactical Signal Exploitation (H);X-80-004;
Includes RDT&E funds to develop a capability to tactically exploit electronic emissions from hostile forces. The Navy has a requirement for an Electronic Warfare Support Measures (ESM) system, preferably in or on a carrier-based aircraft, capable of providing combat support related essential elements of information (detection, identification, location, disposition, intent) to the Task Force Commander in support of his timely decision-making. The horizon extension provided by an airborne platform and the signal analysis inherent in the sytem would be vital to the readiness and survival of the Navy at sea.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604254N CH-46E Range Extension Tanks;X-78-014;
Includes an aircraft modification that will provide airframe support structure, mounting pylon racks, fuel capacity gauging, fuel transfer provisions and 150 gallon survivability-type external fuel tanks. This increased fuel capacity is to offset the range/endurance parameters of the CH-46E caused by update modifications; this reduced rate/endurance adversely affects the ability of the aircraft to accomplish assigned assault missions.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604255N Electronic Warfare Simulator Development;X-4-08;

Includes RDT&E funds for engineering development of airborne electronic warfare system. Developments in this element include electronic warfare environmental simulations of enemy ship defenses for the purpose of testing and evaluating electronic warfare equipment and electro-optical devices, and for development of tactics to counter enemy surface-to-air weapons systems; systems for evaluation of electromagnetic performance of aircraft systems; a system to provide specialized intercept equipment and a tactical airborne signal exploitation system (TASES) to replace the aged A-3 fleet aboard carriers.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604256N Threat Simulator Development;X-93-2;;
Includes funding for the development, acquisition and sustainment of actual threat systems, realistic threat simulators and simulators representing threat systems for the portrayal of a realistic threat environment during testing of weapons systems.

0604258N Target Systems Development;X-93-2;;
Includes funding for the development of realistic surrogate or acquired targets to support test and evaluation and training on current and future weapons systems. Also includes funding to support acquisition and sustainment of targets for development test and evaluation efforts of weapons systems.

0604259N VCX (H);X-80-004;
Includes RDT&E funds for development of a multi-engine, all weather, carrier based Carrier On-board Delivery (COD) aircraft with improved range, speed, and load-carrying capabilities.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604260N C/MH-53E;;
Includes RDT&E funds for development of an upgraded CH-53 with a 16-ton lift capability and extended range for the Navy and Marine Corps, and an upgraded mine-sweeping helo for the Navy.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604261N Acoustic Search Sensors;;
Includes RDT&E funds for engineering development and operational test and evaluation of acoustic search sensors and complementary equipment for ASW aircraft.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604262N V-22A;X-7-09;;

Includes RDT&E funds for engineering development of a multi-engine Vertical Takeoff and Land (VTOL) aircraft for use by all DOD military components. V-22 will be able to self-deploy world-wide and will possess multi-mission capabilities well beyond that achievable by either conventional helicopters or fixed-wing aircraft in the same roles. Multi-role, multi-service application will be achieved through the development of a common airframe/engine/core avionics package with appropriate service-unique mission systems, equipment and mission kits incorporated in each service's variant to meet its specific requirements. Includes military construction costs.

Excludes civilian and military manpower and related costs which are included in appropriate management and support elements in this program.

0604263N F/A-18;;
Includes RDT&E funds to develop a strike fighter, as a replacement for the F-4 fighter, to augment the F-14 and as a replacement for the A-7 light attack aircraft.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604264N Air Crew Systems Development;X-9-05;
Includes RDT&E funds for the advanced development of a family of Aircrew Life Support Systems for Navy aircraft weapon systems. This includes the integrated assemblage of components and techniques required to assure aircrews and aircraft passengers the most effective in-flight environment for the conduct of Navy combat and peacetime air missions. These life support systems will provide for maximum functional capability of aircrews during normal missions and will also provide means to enhance safe and reliable escape, descent survival, and recovery in combat and peacetime emergency situations. These capabilities are achieved by the integration of three component equipment groups, each composed of functionally related equipments which compose the total of aircrew support life equipments. The three groups of component equipment include Aircrew In-Flight Support, Aircrew In-Flight Escape and Descent Equipment, and Aircrew Emergency Projection and Survival Equipment. This is an integrated effort to ensure maximum mission effectiveness of Naval aircraft weapon systems by enhancing the performance, safety and survival of aircrew members.

Aircrew In-Flight Support. This group provides the optimum support protection to flying personnel in all normal flight environments. Mission effectiveness is maximized by providing superior crew stations and personal equipment such as oxygen equipment, crew support facilities, specialized clothing, and miscellaneous personal accessories and equipage.

Aircrew Emergency Protection and Survival Equipment. This group provides equipment necessary to aid survival, escape, evasion, and recovery of downed aircrews in any global environment. Equipments include life preservers, and miscellaneous personal accessories and equipage.

Aircrew In-Flight Escape and Descent Equipment. This group provides equipment to ensure safe and reliable egress and descent from disabled aircraft. This includes ejection seats, seat stabilizing devices, restraint harness and belts, parachutes (including fire retardant personal parachutes) and parachute divestment, and positive actuating devices.

Aircrew Emergency Protection and Survival Equipment. This group provides equipment necessary to aid survival, escape, evasion, and recovery of downed aircrews in any global environment. Equipments include life preservers, life rafts, anti-exposure suits, cold protective clothing, and survival kits. Signaling devices such as lights,

flares, beacons, survival locating beacons, radios, and the necessary power source required for their operation are included to assist in the location and recovery of downed aircrews. Enhancement of survivability following aircraft crashes will be accomplished by the development of improved restraint devices and crash resistant seating, more positive provisions for rapid ground and water egress, and the use of materials which reduce the hazard of fire.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604265N Air Launched Saturation System (ALSS);X-91-2;;
Includes funding to develop an alternative for meeting the need for a modular, low cost, enemy air defense suppression system capable of suppressing enemy surface- to-air missile systems through the use of either lethal loitering missiles or saturation decoys or both.

Excludes military and civilian manpower authorizations and related costs and military construction costs which are included in appropriate management and support elements in this program.

0604266N Advanced Signal Processor (ASP);;
Includes RDT&E funds to develop a programmable signal analyzer, post processor, display system, and software to improve acoustic signal detection capabilities for ASW platforms. Utilizing third generation (CHIP) computer technology to increase performance and reliability in lightweight compact equipment, the modular design allows ASP to be flexible enough for use by various platforms. Software developed in the ASP program will reduce software costs in the various platforms using ASP. The analyzer is to be included in LAMPS MK-III; LAMPS MK-III Capable Ships; all three elements, analyzer, post processor and display, are being developed for the P-3C (Update III); SURTASS and TACTAS-equipped ships; and the Digital Acoustic Simulator System (DASS). Cost savings will be realized through equipment commonality, increased reliability, and the ability to further improve or change the function of the equipment through software modifications.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604267N AWG-9 Update;X-79-001;
This operational system improvement will integrate the Programmable Signal Processor into the AWG-9 weapon control system converting the system from analog to programmable digital signal processing technology. The digital radar outputs are required to support the Non-Cooperative Target Recognition (NCTR) Target Identification Software (TIS) functions being developed under WO467-AA.

This element supports the development of the Target Identification Software (TIS) for use in the AWG-9 Programmable Signal Processor (PSP). Development efforts wil include integration of Navy developed TRISAT algorithms and Air Force developed DMR algorithms to optimize Non-Cooperative Target Recognition (NCTR) capability into a "best" algorithm.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604268N Aircraft Engine Component Improvement Program;X-80-005;

Includes RDT&E funds for engineering effort to identify and resolve engine problems that occur during the operational life time of that engine. The end product is an engineering change proposal which provides improvement in the areas of durability, reliability, maintainability and suitability. Engineering effort is provided by the engine manufacturer and Navy activities; i.e., NAPC and NATC.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604270N EW Development;X-8-05;
Includes RDT&E funds for the development of Electronic Warfare Systems for USN/USMC Tactical Aircraft, USMC Helicopters, Surface Combatants, Data-Link Vulnerability Assessments, USMC Communications and Non-Communications Jammers, development and testing of Electronic Warfare Devices for emergency contingencies, and operational deception systems.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604301N MK 92 Fire Control System Upgrade;X-7-09;
This program element supports improvements to the MK-92 Fire Control system installed on FFG-7 Class Frigates, PHM-1 class Hydrofoil Patrol Boats and WMEC-270 Coast Guard Cutters. Completes assessment of requirements for a major mid-life upgrade for the FFG-7 Class Frigates.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604302N 3T Major Systems Development (H);;
Includes RDT&E funds for the engineering development of improvements in the standard missile fuze, the surface missile system, the TALOS fire control radar, and the combined anti-air warfare/antisubmarine warfare, guided missile launching system Mark 26.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604303N AEGIS Area Air Defense;X-7-09;
Includes RDT&E funding to develop the AEGIS Weapon System composed of the AN/SPY-1A Radar, Command and Decision System MK-1, Fire Control System MK-99, Operational Readiness Test System MK-1, and manages all fighting elements of the CG-47 class combat system.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604304N Combat System Engineering Development Site;;

Includes RDT&E funds to develop and demonstrate the operational combat system, computer programs for command decision, radar and engagement control and system integration of the AEGIS ship at a land-based test site. Actual AEGIS ship hardware will be utilized to as great an extent as possible. Extensive IOT&E will be conducted on the integrated ship system. Initial and follow-on training of Naval personnel will be conducted at CSEDS.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604305N Advanced Monopulse Seeker (H);X-3-04;
This joint Navy/Air Force advanced monopulse missile program will provide the AIM-7F and RIM-7F with a near-term, low-risk, increased capability for a shoot-down in heavy subclutter, and for increased immunity to electronic countermeasures. This weapon will fill USN/USAF air-to-air medium range missile and USN/NATO shipboard point defense requirements in the 1980s. Prototype development and testing were completed under program element 0604354N. Engineering development is scheduled to begin in May 1978 and first production deliveries for early 1981. The improved monopulse seeker will replace the conical scan seeker in the current production SPARROW missile.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604306N Penguin Combat Development;X-78-014;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

The adoption of the Norwegian developed Penguin Missile for eventual use in U.S. Navy combatant craft.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604307N AEGIS Combat System Engineering;X-6-03;
Includes RDT&E funds for the continued engineering development of the AEGIS combat system, through baseline upgrades to the CG-47 class, the engineering development of the DDG-51; combat system and DDG weapons elements which include the system engineering, analysis, computer program modification, interface design changes, technical documentation updates, and system testing to insure integration into the AEGIS Combat System.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604308N LINK ASH;X-4-01;
This program is of a higher classification. Further information is available in the Office of the Chief of Naval Operations (OP-980).

Excludes civilian and military manpower and their related costs and military construction costs which are included

in appropriate management and support elements in this program.

0604309N SEA LANCE;X-5-12;
Includes RDT&E funds for engineering development of an effective, long-range, stand-off ASW weapon with a nuclear or conventional payload for attack submarines. The weapon will complement the detection and localization capabilities of the AN/BQQ-5 sonar and will deliver a high performance torpedo payload to the target position out to convergence zone ranges.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604311N LPD-17 Class Systems Integration;X-95-1;
Includes RDT&E funds for the continued engineering development and integration of communications, electronics, command and control, weapons, and shipboard systems into the LPD-17 class ships. These engineering development and integration efforts include system engineering, analysis, computer program modification, interface design changes, technical documentation updates, and system testing to insure fully functional system integration in all LPD-17 class ships. These efforts are required to insure highly effective combat system and ship performance in the very demanding self defense and amphibious assault missions during littoral warfare operations.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements of this program.

0604312N Tri-Service Standoff Attack Missile;X-92-5;;
Includes funds for the development, procurement, and logistics support of the Tri-Service Standoff Attack Missile (TSSAM), a low observable standoff cruise missile capable of both air and ground launch employment. The air launch version, the AGM- 137, is being developed for Air Force and Navy fighter and bomber aircraft, including the B-2, B-52, F-16, A-6 and F/A-18. Its mission is to strike high value land and sea targets using autonomous guidance to deliver a single warhead or multiple submunitions. The ground launch version, MGM-137 is designed to strike groups of targets such as moving armored vehicles, tanks, and personnel carriers. The TSSAM's 100 nautical mile plus standoff range significantly enhances the survivability of the launch platform, while the missile's low observable features enhance its survivability, allowing TSSAM to penetrate enemy defenses on the way to the target area. Per DEPSECDEF direction, most facets of the TSSAM program will remain special access required (SAR).

0604314N Advanced Medium Range Air-to-Air Missile (AMRAAM);X-80-009;
Includes RDT&E funds for engineering development of the advanced medium range air to air missile.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604351N Long Range Conventional Cruise Missile (LRCCM);X-9-05;
Includes RDT&E funds for the development and testing of a Long-Range Cruise Missile that will achieve a high level

of effectiveness against a spectrum of targets. The LR-SLCM will be able to be launched from a variety of ships, submarines and aircraft. Developments within the program include a new propulsion system, booster, guidance package and warhead.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604352N Surface-Launched Weaponry,Systems, and Technology;;
Includes RDT&E funds for engineering development of shipboard weapons and command and control equipment.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604353N Vertical Launching System;X-1-002;
Includes RDT&E funds for developing a general purpose (AAW, SUW, ASW) shipboard vertical launching system as an alternative to current rail launching systems for missiles. Also involves modification to weapons guidance and control systems as well as modifications to handling equipment to make them compatible with Vertical Launch.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604354N Air-to-Air Missile Systems Engineering;;
Includes RDT&E funds for the improvement of short, medium, and long range, air-to-air missiles presently in service. These are represented by the SIDEWINDER, SPARROW and PHOENIX missile systems and are weapons for use on the following series aircraft: SPARROW on F-4, F-14, F-15, F-18; SIDEWINDER on F-4, F-14, F-15, F-16, F-18; and PHOENIX on F-14. The current versions of these missiles represent technology advances beyond any demonstrated by our potential enemies, and each should provide an outstanding operational capability. Nevertheless, each has recognized shortcomings which degrade our operational capabilities under some situations which involve enemy countermeasures and/or adverse environmental conditions (terrain, weather, lookdown, etc.). Furthermore, the potential threat has increased and is expected to further increase in the immediate future as new, more capable enemy aircraft enter service. Technology is now available to overcome the recognized shortcomings and enhance our operational capablility to overcome the increased threat levels expected.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604355N Vertical Launch ASROC;X-2-006;
Includes funds for advanced development of a Vertical Launch ASROC. The program will develop a surface ASW weapon that is compatible with current and future surface platforms, launching systems, and ASW weapons (payloads). It will provide improved capabilities as compared to the existing ASROC.

Excludes civilian and military manpower and their related costs and military construction costs which are in appropriate management and support elements in this program.

0604358N Close-In Weapon System (PHALANX);;
Includes RDT&E funds to provide a lightweight gun system to destroy high-speed, anti-ship missiles at short ranges.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604359N Standard SSM Missile (H);;
Includes RDT&E funds to provide for engineering development of the standard SSM system.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604360N High-Speed, Anti-Radiation Missile (HARM);;
Includes RDT&E funds for developing an antiradiation missile and aircraft avionics suite for detecting, identifying, locating, and destroying enemy radar threats.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604361N NATO SEA SPARROW;;
Includes RDT&E funds to provide for engineering development and operational testing and evaluation of the RIM-7M SEA SPARROW missile and improvements to the NATO SEA SPARROW Launching System.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604362N Point Defense Improvement (H);X-80-004;
Includes RDT&E funds for the development of a family of target acquisition systems, principally for use with point defense weapon systems, but for use as general acquisition system as well. Also supports development of AN/SPS-58 radar for use with basic point defense.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604363N TRIDENT II;X-4-03;
Includes RDT&E funds for development of the TRIDENT missile system. The TRIDENT system will provide the United States with a deterrent force in the 1980s and beyond with the capability for a continuing survivable strategic

nuclear deterrent force. The technology in the TRIDENT missile will provide a major increase over the range/payload capability of existing POSEIDON missiles. The longer range TRIDENT missile will enable our submarines to patrol in a greatly expanded ocean area, thereby enhancing the survivability of our sea-based deterrent forces. In addition, the TRIDENT I (C-4) missile is compatible with and could be backfitted into the POSEIDON SSBNs, opening additional ocean areas for their operations.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604364N Anti-Ship Weaponry (H);;
Includes RDT&E funds for engineering development and testing to provide an air-to-surface and surface-to-surface missile for ship attack. This will provide both ships and aircraft with an effective antishipping capability.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604365N STANDARD Missile-2 (N);X-7-09;
Includes RDT&E funds to provide Standard Missile-2 with a nuclear capability.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604366N Standard Missile Improvements;;
Includes RDT&E funds to support development and testing of major evolutionary improvements to both the Standard Missile-1 and Standard Missile-2. Currently, major improvements in missile propulsion are emphasized. Additionally, this program provides R&D missiles for applications to follow-on surface-to-air missiles.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604367N TOMAHAWK - Theater Mission Planning Center;X-7-09;
Includes RDT&E funds to be used to develop a long-range cruise missile system with both nuclear armed land attack and conventionally armed antiship applications. TOMAHAWK is designed to fit submarine torpedo tubes and will be capable of being deployed from nuclear attack submarines and certain surface ship combatants. The antiship variant will provide the Navy with a missile having longer range (standoff distance) and greater lethality against surface ships. Launched from mobile, sea-based platforms, the land attack variant will increase significantly the total capability of theater nuclear forces.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604368N Vertical Launching System (H);X-80-009;

Includes RDT&E funds to provide for development of the Vertical Launching System which is currently in Engineering Development. Vertical launch eliminates the need for heavy, sophisticated, and expensive trainable launching systems and requires less shipboard space. Hence, ships can be provided with a greatly enhanced missile launch capability for surface-to-surface, surface-to-air and ASW weapons.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604369N 5"Rolling Air Frame Missile;X-78-014;
Includes development of a capable secondary ASCM battery on CV and other combatants and a primary battery on ships having little or no other ASCM capability.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604370N SSN-688 Class Vertical Launch System;X-1-011;
Includes RDT&E funds for the development, testing and evaluation of external vertical TOMAHAWK missile-launch capability in SSN-688 Class SSNs. This program requires modified TOMAHAWK submarine-launch capsules as well as required submarine system modifications which are being developed under this PE.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604371N HELLFIRE;;
Includes RDT&E funds to develop a helicopter-fired missile.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604372N New Threat Upgrade;;
This project supports development of modifications to the CG/SM-2 Combat System (Terrier) to upgrade capability against the generic Backfire/High Altitude ASM threat. This includes changes to detection and tracking systems, changes to missile communication links, and the interface design of the SM-2 (ER) Block II missile capability with the baseline CG/SM-2 Combat System.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604373N Airborne MCM;X-93-3;;
Includes RDT&E funds to develop advanced mine countermeasures equipment systems to counter known and projected mine threats. The mine countermeasures systems provides mobile, quick reaction forces capable of land or

sea-based minesweeping operations world-wide. Also, to be developed is an airborne minehunting and neutralization system capable of neutralizing moored or bottom mines.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriated management and support elements in this program.

0604374N Surface Mine Countermeasures - Eng Dev;X-8-05;
Includes RDT&E funds for the engineering development of surface mine countermeasures equipment systems.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604502N Submarine Communications;;
Includes RDT&E funds to provide for engineering development of mast mounted, buoyant cable, and towed buoy antenna systems. Other efforts include SATCOM systems, improved signal distribution systems, and expendable communication systems.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604503N SSN-688 and Trident Modernization;X-93-3;;
Includes RDT&E funds for the development of efforts to ensure submarine stealth by maintaining clear acoustical, tactical and operational superiority over the entire spectrum of submarine and surface combatant threats. This program delivers block updates to submarine sonar and systems installed on SSN 688 and 688I and TRIDENT Class submarines, develops and improved antenna and tactical communications systems that will increae submarine operational effectiveness. The program also develops and improves submarine Electronic Support Measures (ESM) techniques and components, equipment, and systems that will increase submarine operational effectiveness.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriated management and support elements in this program.

0604504N Air Control;;
This program element is intended to provide an engineering development air control category for program transitioning into the engineering development phase and to reflect development cycle with corresponding funding category. This element provides for transitioning Marine Remote Area Approach and Landing System (MRAALS), PE 0603511N, XCC25, and Marine Air Traffic Control and Landing System (MATCALS), PE 0603511N, XCC23, from advanced development into engineering development.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604506N Chemical Warfare Countermeasures;;

Includes RDT&E funds for development of a system to protect shipboard personnel against biological/chemical agents by providing adequate warnings, identification, protection, and decontamination for biological/chemical agents.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604507N Enhanced Modular Signal Processor;X-93-3;;
Includes RDT&E funds for nonrecurring costs associated with development, test and evaluation of navy-standard signal processor configurations (designated AN/UYS-2 (Enhanced Modular Signal Processor)) as replacement for the current Navy standard (AN/UYS-1 Advanced Signal Processor). EMSP configurations will be suitable for a large number of platforms and applications. Costs associated with development of a specific configuration for a specific application will be borne by the user program, with which the application is associated.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604508N Radar Surveillance Equipment;;
Includes RDT&E funds to provide engineering development of radar systems.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604509N Advanced Tactical Radar;X-4-08;
Includes RDT&E funds to provide for development of ECCM techniques and signal incoherent processing techniques. This program element will initiate hardware development for fleet introduction, provide an ECCM test and evaluation capability and develop an ECCM radar suit capable of extended operations in a dense ECM environment.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604510N Communications Systems (H);X-91-2;
Includes RDT&E funds for engineering development of major communications systems for fleet use, such as a traffic management and system control for the nuclear-propelled attack carrier CVAN-68, man-on-the-move communications for wire-free communications during flight operations, underway replenishment, damage control, and seamanship exercises.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604511N Intelligence Systems (H);X-91-2;
Includes RDT&E funds for engineering development of reconnaissance systems, and data links and processing systems

for reconnaissance information handling.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604512N Shipboard Aviation Systems;X-93-2;;

0604513N Electronic Warfare QRC (H);;

0604514N Navigation Systems;;
Includes RDT&E funds to provide engineering development and initial operational test and evaluation of the new ESGN system for attack class submarines. This development will provide attack submarines with an accurate, inertial navigation system with an extended reset interval (measured in days vice hours). This capability is required by SSNs to be more effective in the direct support role and other ASW missions, freeing the submarine from frequent requirements to obtain outside position fixes for safe navigation. The ESGN will replace the DDual Mini Sins in the 688 class building program and will back-fit in the 637 class, replacing the Sperry MK-III inertial navigation system. Improved reliability, maintainability, and reduced life cycle costs are also goals of this development effort. This effort is based on the advanced development work completed in PE 0603518N, Project SCC27, ESGN.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604515N Submarine Support Equipment Program;X-7-09;
Includes RDT&E funds to increase the electromagnetic, acoustic, and visual reconnaissance capabilities of SSNs by improvements to existing systems and development of new equipments which are integrated, to the maximum extent feasible, with existing submarine acoustic, electronic, and visual systems.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604516N Ship Survivability;X-7-09;
Includes RDT&E funds for the engineering, development and testing of prototype combat systems, damage control, hull/mechanical/electrical systems, and total ship systems such as the improved ASROC launcher, automated damage control reconfiguration console system, hardened radars/HME equipment/missile launchers, and improved damage control trainers. The systems are designed to translate 06.03 technology into hardware suitable for approval for service use, and thence into procurement.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604517N Joint Advanced Tactical Command Control and Communications Program (H);X-3-04

Includes RDT&E funds to support the testing to prove the compatibility and interoperability of the tactical air control and tactical air defense systems of four Military Services.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604518N Combat Information Center Conversion;;
Includes RDT&E funds to develop data displays for use with computer controlled combat weapons systems.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604520N Submarine Hull Array Development - Eng Dev;X-4-08;
Includes RDT&E resources for full scale engineering development of the RAPLOC Wide Aperture Array. Advanced development is conducted in Program Element 0603560N, Submarine Hull Array Development (Adv).

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604521N Ship Anti-Missile Integrated Defense (H);;

0604523N ASW Acoustic Warfare (H);;

0604524N Submarine Combat System;X-7-09;
Project S1347-AS Submarine Advanced Combat System (Engineering) contains RDT&E funds for full scale engineering development of the Submarine Advanced Combat System for the 1980s attack submarine and subsequent designs.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604525N National Microwave Landing System;;
Includes RDT&E funds to develop a Navy service test system for OPEVAL in order for the Navy to implement the MLS as part of the National plan. The FAA is developing a common civil/military Microwave Landing System (MLS) to meet all user requirements to be operational in 1982 through the year 2000.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604526N LHDX;;

Includes funds for design of a new class Amphibious Assault Ship.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604554N Surface Electronic Warfare;X-1-007;
Includes RDT&E funds for the engineering development and testing of passive and active electronic warfare equipment for shipboard use. Developments in this element include areas such as surveillance classification/identification and countermeasures.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604558N New Design SSN;X-92-5;;
Includes RDT&E funds for engineering development projects to support hull (HM&E) and combat systems for a new attack submarine.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in the program.

0604559N Deep Submergence Technology;;
Includes RDT&E funds to build and test a noncombatant submersible vehicle prior to committing advanced steel to the construction of combatant submarines. Final phase of the material certification program funded in PE 0603531N.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604560N Trident Submarine System (H);X-80-004;
Includes RDT&E funds to provide for the engineering development of the TRIDENT submarine system. The TRIDENT submarine system in conjunction with an all new ballistic missile, is being developed to provide a highly survivable strategic deterrent for the 1980s and beyond. The TRIDENT system represents a major new strategic initiative which will improve the U.S. strategic posture, vis-a-vis the Soviets. In addition, TRIDENT is designed to be a cost effective replacement for the POLARIS/POSEIDON systems as necessary. The main objectives of the submarine design and development are survivability in a rigorous, sophisticated ASW environment; high reliability and maintainability, thus minimizing the frequency of overhauls/refuelings and reducing complexity and duration; minimized manning; capability for deployment in large ocean areas continuously in range of targets and capable of immediate response to a weapon launch order. The present TRIDENT submarine configuration baseline provides for 24 TRIDENT missile tubes and accommodations for 16 officers and 139 enlisted men.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604561N SSN-21 Developments;X-7-09;

Includes RDT&E funds for engineering development projects to support noncombat system improvements to nuclear attack submarines which will result in improved operational performance and reliability in carrying out submerged operations.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604562N Submarine Tactical Warfare System;;
Includes RDT&E funds to provide for engineering development and operational test and evaluation of submarine tactical warfare systems.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604563N Physical Security - Eng Dev;X-5-12;
Includes all devices which may be employed in security systems. Includes all mechanical and electro-mechanical devices ready to proceed into engineering development such as: alarms, barriers, locks, containers, controllers, and detectors. Will provide for design, procurement, and evaluation testing of these devices and systems prior to introduction. Other areas requiring additional R&D efforts will be identified and pursued within this element.

Excludes costs of those devices in early development (see 0603571N). Also excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604564N NATO Patrol Hydrofoil Missile (PHM) (H);X-78-003;
Includes RDT&E funds for the construction of two lead ships of the PHM class.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604565N Sea Control Ship (H);;

0604566N Acoustic Communications;;
Includes RDT&E funds to provide ASW forces with a reliable, long range, tactical, detection resistant, acoustic communication and IFF system. The total program consists of quick reaction, near term, field change, far term, and tactical support elements that progressively will provide the fleet with improved communications capabilities.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604567N Ship Contract Design/ Live Fire T&E;X-93-2;;

Includes RDT&E funds for new ship contract design for nonstrategic ships in the Navy's shipbuilding program.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604568N Design-To-Cost Electronic Warfare Systems (H);X-80-004;
Includes RDT&E funds for engineering development of modular electronic warfare suits suitable for installation on a wide variety of ship types. Three levels of capability (threat warning, threat warning plus surveillance, and threat warning plus surveillance plus deceptive electronic countermeasures) have been designed at three corresponding cost levels ($.3M, $.5M, and $1.4M). This program is structured around design-to-price concept intended to provide the maximum capability for dollars invested over a specified minimum performance level. Subsets of varying capabilities and cost levels can be derived to satisfy the operational needs of ships ranging from PFs to AOEs in size and value.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604569N NATO Sea GNAT (H);X-93-4;;
Includes RDT&E funds to provide for the cooperative development program with other NATO countries of ship-launched decoys to provide protection against radar, infrared, and hybrid radar/infrared-guided, antiship missiles.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604570N CSGN Development (H);X-80-004;
Includes RDT&E funds to accomplish contract design and related engineering development, combat system, and nuclear propulsion plant design for the AEGIS Strike Cruiser. Related projects are AEGIS (PE 0604303N) which is developimg the missile system for the ships, and CSEDS (PE 0604304N) which is accomplishing the combat systems engineering development and integration for the ship. This program was previously funded as part of Ship Development (Adv), PE 0603564N, and Ship Development (Eng), PE 0604567N, in FY 1976 and prior years.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604571N Strategic Sealift Technology Development - EMD;X-95-1;
Includes engineering and manufacturing (EMD) funds in support of strategic sealift ship acquisitions executed in the National Defense Sealift Fund (NDSF).

0604572N Naval Special Warfare Craft (H);X-80-004;
Includes RDT&E funds to provide for the development of two improved generic craft types to perform Naval special warfare missions. These Naval operations encompass insertion, support, and extraction of enemy combatant craft of

similar size. Craft would reach production via engineering development utilizing currently available technology. The craft are Special Warfare Craft, Light (SWCL), and Special Warfare Craft, Medium (SWCM).

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604573N Shipboard Electronic Warfare Improvements;X-1-007;
Includes RDT&E funds to provide for necessary equipment, improvement, development, and evaluation. During the next few years, the surface Navy's posture in electronic warfare will be significantly improved with the addition of new state-of-the-art, computer-based electronic warfare systems. This program is designed to keep these new systems tactically viable.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604574N Navy Tactical Computer Resources;X-9-05;
Includes development and acquisition of standard computer resources to embed in Navy weapons, command and control, space, communications, and intelligence systems. Computer resources include computers, displays, support software and peripherals for use in ship, airborne, submarine and land-based mission critical systems.

Excludes development of standards or specifications for the Next Generation Computer Resources Project (PE 0604579N).

Also excludes operations and maintenance costs, procurement costs, civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements.

0604575N AN/SQS-53C;;
Funds a program that will provide increased performance, operability, reliability, and maintainability for the SQS-53C sonar.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604576N Influence MCM;;
Funds projects aimed at improving minesweeping systems and techniques.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604577N EHF SATCOM;;
Provides for the development of modest cost widely deployed EHF terminals compatible with the MILSTAR (Military

Strategic and Tactical Relay) system which is a Joint-Service development. The objective of the project is to develop, acquire and field EHF SATCOM terminals onboard selected ships, submarines, shore and aircraft.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604578N LINK BIRCH;X-3-03;
This program is of a higher classification. Further information is available in the Office of the Chief of Naval Operations (OP-095M).

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604579N Next Generation Computer Resources;X-9-05;
Includes development of standards or specifications to define the interfaces and capabilities of new Navy computers, and the acquisition of some computer equipment to test the correctness and applicability of those standards.

Excludes the costs of developing and acquiring production quality computers that will conform to those published standards.

Also excludes operations and maintenance costs, procurement costs, civilian and military manpower and their related costs and military construction costs which are included in appropriate manangement and support elements in this program.

0604601N Mine Development;X-93-4;;
The present stockpile of mines is insufficient to satisfy requirements in existing mining campaign. This program funds the development of a family of mines and ancillary mine projects to rectify the deficiencies. They will be highly countermeasures resistant while being effective against submarines and surface ships, including large tankers, high-speed craft, riverine craft, and mine countermeasures ships. The mine will be capable of being delivered by aircraft, submarine, and surface ships.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604602N Naval Gunnery Improvements;X-7-07;
Includes RDT&E funds to develop new and improved naval guns, gun fire control systems and naval gun ammunition.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604603N Unguided Conventional Air-Launched Weapons;;

Includes RDT&E funds for development of new air-to-ground munitions of the unguided variety (guns, bombs, landmines, etc.). Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604604N Chemical Warfare Weapons;;
Includes RDT&E funds to complete the engineering development of the BIGEYE binary chemical weapon under a joint Navy/Air Force program.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604605N Conventional Ordnance Equipment (H);;
Includes RDT&E funds to provide improved fuzes and projectiles with greater range, lethality and accuracy.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604606M Marine Corps Ordnance/Combat Vehicle System (H);X-80-004;
Includes RDT&E funds for the engineering development of all Marine Corps ordnance items and combat vehicles.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604607N Fire Control Systems Electro-Optics;;
Includes RDT&E funds to develop and improve upon Electro-Optical Sensor Systems (EOSS) including Forward-Looking Infra-Red (FLIR) detection and laser ranging to permit tracking during electromagnetic silence in surface gunnery and missile systems. Initial emphasis will draw upon the experience gained in MK-68 Gun Fire Control Systems to develop an electro-optical system that will be a stand-alone unit that can be applied to other gun and missile fire control systems with minimal integration and modification requirements to those other systems. Improvements in laser ranging to incorporate target illumination with sufficient power to permit projectile or missile semi-active homing will be accomplished in this line program. Navy ships applicable include DDG, CG, FF, and DD class of ships.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604608N Surface Electro-Optic System;X-7-09;
Includes RDT&E funds to complete development of the Navy's 5-inch Semi-Active Laser (SAL) guided projectile through the Joint Army/Navy GP program office.

Excludes civilian and military manpower and their related costs and military construction costs which are included

in appropriate management and support elements in this program.

0604609N Bomb Fuze Improvement;X-7-09;
Includes RDT&E finds for engineering development of a Common Bomb Fuze that satisfies both Navy and Air Force requirements. The fuze will incorporate many of the design features of the Air Force FMU-112/B and the Navy FMU-117/B and will be designated the FMU-139/B. This fuze will replace aging and unreliable fuzes currently in the inventory. The Navy will be the lead service.

Excludes civilian and military manpower and their related costs and military construction and procurement costs which are included in appropriate management and support elements in this program.

0604610N Lightweight Torpedo Development;X-94-3;;
RDT&E funds for engineering development of the ASW lightweight torpedo (ALWT).

0604612M Marine Corps Mine Countermeasures Systems - Eng Dev;X-8-05;
Includes funds for the engineering development of Marine Corps equipment needed for the logistical supply, maintenance, and service support of operating forces.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements of this program.

0604618N Joint Direct Attack Munition;Temp 12-91;;

0604652N Gun System Improvement Program;;
Includes RDT&E funds to improve existing gun fire control systems or systems that have evolved from advanced development. This program presently includes efforts for the MK-86 Gun Fire Control System (GFCS), MK-92 GFCS, and the MK-68 GFCS improvements. In addition, Light Weight Modular Fire Control Systems project exists to address the urgent, near-term need of the fleet to have a replacement for the present MK-56, MK-63, and the MK-70 GFCS. Those systems that evolve into full-scale development that have gunnery application will be developed in this program element. Applicable ship classes include DDG, CG, LHA, FF, and FFG.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604654N Joint Service Explosive Ordnance Development;;
Includes RDT&E funds to provide for all Military Service's requirements for EOD procedures, and the development thereof. The publishing of these procedures are necessary for rendering safe all ordnance, foreign and domestic, current or obsolete.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604655N Major Caliber Lightweight Gun (H);X-80-004;
Includes RDT&E funds to develop 8 inch/55 major caliber lightweight gun and family of ammunition for use in destroyer class ships to perform naval gunfire support and antiship missions.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604656M Marine Corps Assault Vehicles - Eng Dev;X-9-03;
Includes RDT&E funds for engineering development and testing of selected wheeled and tracked vehicles and engines which will meet the firepower and mobility requirements for amphibious operations and subsequent operations ashore in the 1990s and beyond. This includes the Light Armored Vehicle-Air Defense and Assault Gun variants.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604657M Marine Corps Ground Combat/Supporting Arms System - Eng Dev;X-8-05;
Includes RDT&E funds for the engineering development of Marine Corps weapons and support systems for the conduct of close combat and fire support and evaluated available systems that could be adapted or modified to meet Marine Corps requirements for a Remotely Piloted Vehicle (RPV) System for reconnaissance, surveillance and target acquisition/designation and radio relay.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604675N MK 48 ADCAP - Eng Dev;;
Contains RDT&E resources for full scale development of the Advanced Capabilities (ADCAP) modifications to the MK 48 torpedo. The corresponding advanced development program is funded in PE 0603691N (MK 48 ADCAP (Advanced)).

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604701N Prototype Carrier Operational Test and Evaluation Site;;
Includes RDT&E funds to provide for the development of a test bed facility to validate the various hardware and software interfaces between numerous stand-alone Command and Control (C2) systems resident in new construction and overhauled aircraft carriers. This development should result in increased effectiveness of the integrated C2 systems and also result in cost saving by reducing the amount of integration effort required in the shipyard and onboard ship.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604702N Counterintelligence System (H);X-80-003;
Includes RDT&E funds for engineering development of counterintelligence equipment and systems for the Naval Investigative Service.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604703N Personnel, Training, Simulation, and Human Factors;X-5-12;
Includes RDT&E funds for engineering development and testing of prototype personnel, training, simulation, and human factors systems.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604704N Anti-Submarine Warfare Oceanographic Equipment;X-4-08;
Includes RDT&E funds to develop oceanographic instrumentation and hydrographic survey equipment in support of oceanography and mapping, charting and geodesy programs. Program will improve the quantity and quality of oceanographic and hydrographic data collection.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604705N CHALK BANYAN (H);X-91-2;
This program is of a higher classification. Further information is available in the Office of the Chief of Naval Operations (OP-980).

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604706N Remote Unattended Sensor Warfare (H);;
Includes RDT&E funds for engineering development and testing of remote sensor systems for naval and amphibious warfare. The remote sensor system is an outgrowth of ASW sonobuoy and is comprised of a variety of small, unattended, battery powered, expendable sensors and suitable terminal receiving and display equipment.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604707N Space and Electronic Warfare (SEW) Architecture/Engineering Support;X-93-3;;

Includes civilian U.S. direct hire and RDT&E funds to develop a capability for automated processing integration, correlation, and display of ocean surveillance information from all available sources concerning activities on, over, or under the world's oceans under the aegis of the Copernicus Architecture.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriated management and support elements in this program.

0604708N Initial Trainer Acquisition;X-5-12;
Includes RDT&E funds for three projects:

W1943 - Includes development, testing, and evaluation of the software and hardware for the weapons systems trainer and nine maintenance trainers for the A-6F. Initial installation will be on the West Coast site of the A-6F Fleet Replacement Squadron and then follow-on installation on the East Coast Fleet Replacement Squadron sites.

W1944 - Includes development and testing of software for the conversion of the F-14A trainers to the F-14D modification. The weapon systems trainers and operational flight trainer will both be converted. In addition, the maintenance trainers will be upgraded to the F-14D configuration.

W1945 - Includes design, test, and evaluation of software and hardware for four operational flight trainers/weapon systems trainers, two tactics team trainers, and ten maintenance systems trainers. Total allocation of trainers will be divided equally between East and West Coast Fleet Replacement Squadron sites.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604709N Joint-Service Manpower/Personnel Prototypes;X-3-03;
Includes RDT&E funds for engineering development, test, and evaluation of prototype systems, common to two or more services, for more effective and efficient recruiting, training, testing, accessioning, and retention systems. Includes RDT&E funds to facilitate installation of systems in user organizations.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604710N Navy Energy Program;;
Includes RDT&E funds to conserve energy in Navy ships and thereby reduce fuel usage, save acquisition and operating costs, and reduce air pollution. This program will pursue energy conservation through three separate developments: utilization of waste heat from main propulsion and ship service electrical plants to provide energy for space heating, distillation of water, hot water, air conditioning, and waste disposal; improvement in overall thermal cycle efficiency of shipboard gas turbine plants by utilizing waste heat in recuperative or regenerative cycles; and reduction of water usage through the reduction and recycling of water for domestic shipboard uses.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604711N Navy Command and Control Systems (NCCS) Ashore Nodes (H);X-91-2;

Includes RDT&E funds for engineering development of an integrated, real-time, command support information system responsive to the needs of Navy commanders and interfacing with the National Command Authorities. The projects in this element will establish a responsive federation of command support systems at the headquarters of major naval commanders ashore and provide improved command and control capability for their broad areas of responsibility.

Excludes civilian personnel authorizations, military authorizations, and their related costs, military construction, facilities and installations support, RDT&E activities, RDT&E NIF activities, other construction, and RDT&E Project Ships element in this program.

0604712N Special Electromagnetic Interferences (H);X-93-4;;
Includes RDT&E funds for the management of a tri-Service program to determine vulnerabilities of guided weapons to interference and to translate these vulnerabilities into operational terms.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program. surface-launched missiles using air-delivered MGGB technology, and a secondary anti-ship capability. The study will address requirements for data links, various types of fuzing and guidance alternatives, and third-party illumination or surveillance of targets. While HARPOON will remain the primary, all-weather, anti-ship missile, missile-delivered MGGB would be used as secondary capability for sink-kill after achieving a firepower kill with HARPOON and to strike hard targets ashore, which HARPOON cannot do.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604713N Surface ASW System Improvement;X-6-03;
Includes RDT&E funds to develop a low frequency active capability and high gain receive arrays for improvement of current surface ASW systems on combatants as well as software development for the correlation of individual ASW sensor subsystems and fire control data. Capabilities to be developed include active detection, passive detection improvements, active classification and localization against submarines in all modes of operation and under all environmental conditions.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604714N Air Warfare Training Devices;X-78-014;
Includes RDT&E funds for the development of various training devices to increase our capabilities in safety. To provide a state of the art weapon system and naval air maintenance.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604715N Surface Warfare Training Devices;X-78-014;
Includes RDT&E funds to develop and provide training devices to be used in our various surface warfare training

programs.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604716N Submarine Warfare Training Devices;X-78-014;
Includes RDT&E funds for the development of a computer controlled training device designed to provide individualized computer aided training to operators of the sonar system. This device will provide realistic scenarios in a controlled environment.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604717M Marine Corps Combat Services Support;X-78-014;
Includes RDT&E funds for the engineering development of Marine Corps equipment needed for the supply, maintenance, engineer, motor transport, and service support of operating forces.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604718M Marine Corps Intelligence/Electronics Warfare System;X-78-014;
Includes RDT&E funds for the engineering development of Marine Corps intelligence and electronics warfare equipment and systems required for the support of operating forces.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604719M Marine Corps Command/Control/Communications Systems;X-78-014;
Includes RDT&E funds for the engineering development of all Marine Corps C3 equipment and systems required for the conduct and support of combat operations.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604720M Marine Corps Tac Air Oper Central - 1985 (H);X-7-09;
Provides for the engineering development of Marine Corps Command, Control and Communications Systems, and provides for improvements to the Marine Air Command and Control system by development of a suite to replace the currently obsolete equipment.

Excludes civilian and military personnel and their related costs and military construction costs which are included in appropriate management and support elements of this program.

0604721N Battle Group Passive Horizon Extension System;X-92-2;;
Includes resources to provide for engineering development and testing of projects designed to extend the Battle Group over-the-horizon detection range against targets of interest. Further details are classified. Contact OP-942.

Excludes manpower and related costs.

0604725N Regional Tactical Surveillance (H);X-91-2;
Includes RDT&E funds for developing and testing a prototype relocatable over-the-horizon radar (OTH-R) system to assess potential contribution of an OTH-R to regional tactical surveillance requirements. The effort includes upgrading an existing experimental facility to support hardware and software for the prototype system. The prototype system testing will commence in early 1986. The system will provide for capability to interface and connect with appropriate C2 nodes.

Excludes civilian and military manpower and their related costs and military construction costs which will be included in appropriate management and support elements.

0604727N Joint Standoff Weapon Systems;X-9-05;
Includes RDT&E funds for the development of a weapon to be employed by aircraft to attack targets during day, night, and adverse weather conditions. The Advanced Interdiction Weapon Systems (AIWS) design will capitalize on aircraft sensor capabilities and minimize individual weapon sophistication, reducing unit cost and provides a signficant increase in strike warfare capability.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604745N Battlefield Exploitation Target Acquisition-Navy Integration;X-80-005;
Includes RDT&E funds for engineering development and support of the Battlefield Exploitation Target Acquisition (BETA) program administered by the BETA Joint Project Office (U.S. Army).

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604755N Ship Self Defense;X-93-2;;

0604759N Major T&E Investment;X-93-2;;
Includes funding for the development and acquisition of major upgrades for improvement and modernization (I&M) of test and evaluation activities that comprise the Army/Navy/Air Force portion of the DoD Major Range and Test

Facility Base. I&M is defined as those investments that exceed $2 million per year or $10 million in total.

0604761N Intelligence Engineering;X-94-3;;
Includes RDT&E funds for development of tactical and scientific intelligence collection and processing equipment.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604763N LINK CYPRESS;X-7-09;
Details are of a higher classification. For futher information, contact Op-980C.

Excludes manpower and related costs.

0604765M Other Marine Corps Developments;;
Includes RDT&E funds all Marine Corps engineering development efforts except those related to weaponry combat vehicles and data systems.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604766M Marine Corps Data Systems;;
Includes RDT&E funds for engineering development related to Marine Corps data systems. Efforts will be directed toward command and control systems and related subsystems.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program. Excludes funds for the operation and maintenance of Brooks AFB which are included in the Acquisition and Command Support element in this program.

0604771N Medical Development ;X-80-004;
Includes RDT&E funds for engineering development and testing of medical equipment, such as the closed cycle respirator which grew from the need to provide excellent respiratory care for combat casualties.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604777N Navigation/ID System;X-93-3;;
Includes RDT&E funds to advance the technology/capabilities for military space navigation systems. Including the engineering development of an identification system (IFF) and the development of a new Photonics Mast and Doppler Sonar Velocity Log (DSVL). Current projects are to develop atomic frequency standards for the satellites, to

participate in the Joint Program Office, and to support service user equipment for the NAVSTAR Global Positioning System. The system will provide global, highly accurate navigation information which will serve a broad spectrum of navigation and positioning missions.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriated management and support elements in this program.

0604778N NAVSTAR Global Positioning System (User Equipment);X-78-002;
Includes furtherance of the development and acquisition of service user equipment designed to function with the satellites and Master Ground Station of the NAVSTAR Global Positioning System. The system will provide global, highly accurate information which will serve a broad spectrum of navigation and positioning missions.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program; and development and acquisition of the satellites and Master Ground Stations. These efforts will be accomplished in PE 0604478F.

0604779N Joint Interoperability of Tactical Command & Control Systems (JINTACCS) (H);X-91-2;
Includes RDT&E funds to support development and testing of compatible and interoperable interfaces between automated and tactical command and control systems to be used by the Military Services.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604780M JINTACCS Marine Corps;X-7-09;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

USMC RDT&E participation in the JCS-directed program for achieving Joint Interoperability of Tactical Command and Control Systems (JINTACCS). Specifically, operational systems development related to Marine Corps data systems and their relationship to other Services/Agency systems will be supported.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0604784N Distributed Surveillance System;X-93-3;;
Includes funding to complete the Fixed Distributed System (FDS) Engineering Development Model, development of deployable variant (FDS-D), and development of Advanced Deployable System (ADS). The FDS is a part of the Integrated Undersea System, the Navy's open ocean detection capability against quit submarines, including third world diesels. Also funds the ADS program which provides a deployable submarine surveillance capability to operational forces in a timely response to tactical and strategic requirements.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriated management and support elements in this program.

0604789N Surveillance Towed Array Sensor System;X-93-4;;
Includes RDT&E funds to develop a long-range, passive, acoustic towed array for the detection, classification, tracking, and localization of threat submarines. SURTASS will extend the undersea surveillance coverage provided by other fixed and deployable systems in areas where fixed surveillance coverage is not available or requires augmentation.

Excludes civilian and military manpower and their related costs and military construction costs and military construction costs which are included in appropriate management and support elements in this program.

0604792N Surface Electro-Magnetic Optical System (H);;
Includes RDT&E funds for the engineering development and testing of electromagnetic and electro-optic devices for shipboard use. Included are developments of devices to enhance the ability of naval surface forces to operate effectively under conditions of darkness without reliance on electromagnetic radiations, and a sensor capable of intercepting and recording significant laser parameters collected from IR/LASER devices. and Master Ground Stations. These efforts will be accomplished in PE 0604478F.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604793N Foreign Weapons Evaluation (H);X-80-004;
Includes RDT&E funds for evaluation of equipments developed by foreign nations to determine their potential for U.S. procurement, and implementation of recommendations of the Foreign Ordnance Review and continuation thereof. As a result of the NAVORDSYSCOM 1970 Foreign Ordnance Review, surface weapons of foreign design were selected for the new PHM and PF ship development programs: WM-28 and WM-25 Fire Control Systems designed by HSA, the Netherlands, and the 75mm/62 caliber impact gun mount designed by SPA, OTO, Melara, Italy. Side-by-side evaluation with U.S. manufactured equipment will be completed.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604800N Joint Advanced Strike Technology (JAST) - EMD;X-95-1;
Continues engineering and manufacturing development of a joint program to develop a high-technology, low-cost multirole fighter aircraft for the Air Force, Navy, and Marine Corps.

0604889N Counterdrug Engineering and Manufacturing Development Projects;X-94-2;;
Captures all counterdrug engineering and manufacturing development costs not associated with a couterdrug-unique PE and specifically identified and measurable against other active counterdrug programs.

May also be used for demand reduction engineering and manufacturing development. Only projects approved by the Secretary of Defense and supported by the transfer appropriation will be included.

0605001N R&D Laboratories (Industrially-Funded);X-78-014;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Naval Air Development Center, Warminister, Pa.; Naval Air Propulsion Center, Trenton, NJ; Naval Air Center, Patuxent River, MD; Naval Civil Engineering Laboratory, Port Hueneme, CA; Naval Research Laboratory, Washington, DC; David W. Taylor Naval Ship Research and Development Center, Bethesda, MD; Naval Weapons Center, China Lake, CA; Naval Underwater Systems Center, Newport RI; Naval Surface Weapons Center, Dahlgren, VA; Naval Ocean Systems Center, San Diego, CA; Naval Coastal Systems Laboratory, Panama City, FL; Pacific Missile Test Center, Point Mugu, CA.

Excludes costs at industrially-funded activities not project-associated. See Facilities and Installations Support element, this program.

0605002N Revenues (R&D Laboratories) (IF) (H);X-94-3;;
Includes revenues received for goods or services furnished by the designated activities in the R&D Laboratories (Industrially-Funded) elements. Also includes the annual net gain or loss attributed to these activities.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0605003N General Purpose Lab - NRL (H);;

0605004N Other Construction;;
Includes military construction funds for the construction of facilities required to support research and development programs and installations.

Excludes construction identified to General Purpose Laboratory, NRL, prior to FY 1964 (see appropriate historical element in this program); civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0605093N Revenues (Real Prop. Maint. -RDT&E) (IF) (H);X-94-3;;
Includes the revenues (minus entry) received for goods and services sold by the activities in IF program element 0605094A/N. Also includes the net annual operating gain or loss for these activities.

0605094N Real Property Maintenance - RDT&E (IF) (H);X-93-2;;
Civilian manpower spaces, military manpower spaces and funding for real property maintenance for Navy industrially funded RDT&E activities, including:

Maintenance and repair of all real property: - utilities systems - buildings - other facilities - pavements (roads, parking areas, etc.) - land (grounds)

Minor construction (with other than military construction funds).

Operation of utilities for all real property.

Other engineering support: -fire protection -custodial services -entomology services -refuse collection and disposal -snow removal and ice alleviation -rental of real property, excluding payments to GSA -other installation engineering services.

Includes all resources in functional categories 9, 10, 11 and 12 as defined in DoD Instruction 7220.20. Also includes all resources (except manpower and military pay) used by groups/units assigned to specific BOS tasks on an ad hoc basis such as Army engineer/Red Horse/Naval Construction Force units assigned to repair/construct facilities, roads, parking areas,etc., even if the work is classified as a military unit training project.

Excludes costs of maintaining family housing. SE PE 08087460, Family Housing Maintenance.

0605096N Base Operations - RDT&E (IF);X-80-001;
Civilian manpower spaces, military manpower and military funding for base operations of Navy industrially funded RDT&E activities, including:

Administration: Installation Headquarters Administration and Command (including squadron level responsible for Base Operations), Installation Comptroller services, Installation ADP services, Installation Information Activities, Installation Legal Activities, Installation Civilian Personnel Administration, Installation Military Personnel Administration, Installation Printing and Reproduction, Installation Safety, Installation Management Analysis/Management Engineering

Retail Supply Operations: Installation Supply Activities, Installation Procurement Operations, Installation Storage Activities

Maintenance of Installation Equipment (includes maintenance of administrative aircraft, vehicles and equipment but excludes maintenance of tactical equipment, combat vehicles and mission aircraft.)

Other Base Services: Installation Transportation Activities, Installation Training (excludes troop training and tactical exercises) Installation Physical Security and Police Activities, Laundry and Dry Cleaning (for troop support and other appropriated fund activities), Installation Airfield/Air Base Operations (control tower, weather, flight services, etc.) Installation Restoration

Bachelor Housing Operations and Furnishings (management; housing assignment; care of quarters; provisions, care, preservation and maintenance of furnishings, etc.)

Other Personnel Support: Food service, Social Action, Community Services, Chaplains, Bands, Morale, Welfare and Recreation

Excludes the following functional categories which are a part of the standard definition of Base Operating Support, but are reported under separate PEs:

Maintenance and Repair of Real Property, Minor Construction, Operation of Utilities, Other Engineering Support,

Base Communications, Commissary Operations: Retail and Troop Issue, Station Hospitals, Medical and Dental Clinics and Dispensaries, Family Housing.

0605097N Revenues (Base Operations - RDT&E) (IF) (H);X-94-3;;
Includes the revenues (minus entry) received for goods and services sold by the activities in IF program element 06050960 (A,N). Also includes the net annual operating gain or loss for these activities.

0605150N Cost Research;X-9-05;
Includes RDT&E funds for dedicated research to develop more effective cost analysis methods and techniques. The goal is to strengthen cost analysis within the Navy and to ensure preparation of credible cost estimates in budgeting and in acquisition management. This goal is achieved in two ways: by bringing advances in analytical methodologies and computer software to bear and by collecting, reviewing and analyzing data related to the acquisition process. Ensuring that the Navy gets the most capability for its investment dollar is the number one priority of this program. It involves research and analysis in such disciplines as operations research statistics, mathematical modeling, econometrics, resource management and ADP.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0605151M Studies and Analysis Support - MC;;
Includes RDT&E funds for studies and analyses to be conducted by external research organizations which will evaluate manpower and personnel needs, preferred concepts, policies, techniques, methods, and systems and their respective costs for employment of land, sea, and air forces in potential or actual conflict; determine and apply improved logistics methods for procurement, inventory control, storage, distribution, transportation, maintenance, and disposal of military material; determine preferred mixes of forces to meet existing and potential threats; establish requirements for weapons systems or other military material, or compare the effectiveness and costs of alternatively constituted and equipped forces.

Excludes military manpower and its related costs and military construction costs which are included in appropriate management and support elements in this program.

0605152N Studies and Analysis Support - Navy;;
Includes RDT&E funds for studies and analyses, accomplished by contract or grant, which deal with the critical examination and investigation of a subject, often requiring sophisticated analytical techniques to integrate a variety of factors leading to conclusions or recommendations making substantive contributions to planning, programming, and decision-making. Unlike experimentally-oriented research and development activities or c/p p x research in the theoretical bases of the sciences, studies and analyses are typically pencil-and-paper efforts (often computer-assisted) designed to organize and evaluate data and information already available (or which can be inferred or extrapolated from existing data) to provide greater understanding of relevant alternative organizations, tactics, doctrines, policies, strategies, procedures, systems, or programs.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0605153M Marine Corps Operations Analysis Group, CNA;;
Includes RDT&E funds for the Marine Corps Operations Analysis Group (MCOAG), a component of the Center for Naval Analyses of the University of Rochester. The MCOAG conducts operations research, system analyses, and cost effectiveness studies and furnishes objective and timely evaluations of Fleet Marine Force operations, exercises, deployments, and tests of weapons, tactics, and equipment.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0605154N Center for Naval Analyses;X-7-09;
Includes RDT&E funds to conduct studies, analyses, and evaluations of conceptual and technological factors which may influence the conduct of current and future naval operations in order to provide the Secretary of the Navy and the Chief of Naval Operations with sound bases upon which to make decisions affecting current and future force structures, manning levels, logistic support, and the deployment and employment of naval forces in support of national policies and objectives.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0605155N Fleet Tactical Development;X-94-3;;
Includes RDT&E funds to provide analytical support to major fleet activities for the development and evaluation of tactical employment of surface, submarine, and air platforms and their installed weapons systems. This analysis is instrumental in developing improved and new fleet tactics and identifying improvements to current equipments and requirements for new equipments to enhance fleet tactical readiness. The tactics developed under this program provide alternative options for the employment of single units and multi-unit mixed force task groups.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0605156M Marine Corps Operational Test and Evaluation;X-79-010;
This program element will provide funds to support the Marine Corps Operational Test and Evaluation Activity (MCOTEA) which manages the conduct of Marine Corps OT&E. It will also provide funds for actual OT&E efforts sponsored by the Marine Corps. Includes civilian and military manpower and related costs.

Excludes construction costs which are included in appropriate Management and Support elements in this program.

0605351N Pacific Missile Range;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: Provide national range services to DOD and other designated agencies in support of weapon system development, operational test and evaluation, and training. Also

provides for development, maintenance and operations of range facilities at the PMR headquarters and NAS, Pt. Mugu, California; San Nicholas, Santa Cruz and San Miguel Islands along the Southern California Coasts; PMR Facilities, Hawaiian area, Kaneohe, Hawaii; Barking Sands Facility, Kauai, Hawaii; Missile Impact Location Systems (MILS) at Midway, Kaneohe; and Wake Islands. Includes cost of contractor and civil service personnel.

0605352N Systems Test and Instrumentation (H);;
Includes RDT&E funds to provide for research, development, test and evaluation of prototype range instrumentation required for support of weapon systems development, operational test and evaluation, and training.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0605501N RDT&E Project Ships;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following afloat forces necessary to prosecute R&D projects and programs:

Auxiliary Submarine - AGSS, Hydrofoil Research Ship - AGEH, Guided Missile Ship - AVM, Miscellaneous Ships - Unclassified - IX, Miscellaneous - AG and TAG.

Excludes afloat forces and support costs for vessels assigned to specific elements in this program; and afloat forces (Special Project Ships) assigned to non-Navy DoD and non-DoD programs.

0605502N Small Business Innovative Research;X-5-04;
This program element is in response to the Small Business Innovation Act of 1982, P. L. 97-219, that amends the Small Business Act (15 U. S. C. 631). The purpose is to stimulate technological innovation and use small business to meet Department of the Navy research and development needs. The program element establishes a uniform, simplified format to award small business concerns contracts for submitting innovative and imaginative solutions to identified Department of the Navy problems requiring research and development. Proposals may be submitted in two phases in response to an annual solicitation as published by the Department of Defense. The Department of the Navy Small Business Innovative Research (SBIR) efforts are directed toward meeting mission requirements by taking advantage of technologies identified through the imagination and diversity of small businesses.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0605803N Electromagnetic Effects & Spectrum Control;X-7-09;
Includes RDT&E funds to provide electromagnetic compatibility (EMC) techniques, specifications/standards, analysis/prediction methodology, testing, training to assure electromagnetic spectrum support and compatibility during the development of Navy equipment, systems and platforms. This project also includes preparation support for the International World Administrative Radio Conferences (WARCs).

Excludes civilian and military manpower and their related costs and military construction costs which are included

in appropriate management and support elements in this program.

0605804N Technical Information Services;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: RDT&E funds to provide Navy technical information products and services from several sources. These sources include NaVWUIS (Naval Work Unit Information Service), Navy Information Analysis Center, and RDT&E planning and requirements documentation.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0605849N F/A-18 R&D Facility and Installation Support Aircraft;X-4-03;
Authorizations of civilian and military personnel at non-industrial funded installations.

Cost of military personnel at non-industrial funded installations.

Cost of civilian personnel at non-industrial funded R&D installations not funded from project effort.

Excludes civilian manpower spaces, military manpower and military personnel funding in the Office of Naval Research.

0605851N Facilities and Installations Support;;
Includes authorizations of civilian and military personnel at nonindustrially funded installations; cost of military personnel at nonindustrially funded installations; and cost of civilian personnel at nonindustrially funded R&D installations not funded from project effort.

Excludes civilian manpower spaces, military manpower and military personnel funding in the Office of Naval Research.

0605852N Atlantic Undersea Test and Evaluation Center (AUTEC);;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: RDT&E funds to provide range support for Anti-Submarine Warfare (ASW) systems development, operational test and evaluation, assessment of fleet ship weapons readiness, and development of tactical doctrine. Also includes RDT&E funds to provide for development, maintenance, and operation of AUTEC facilities associated with support of systems test and evaluation. Facilities include main base and down-range, shore-based instrumentation sites; offshore instrumented underwater complexes in the Tongue-of-the-Ocean comprising the Weapons, Acoustic, and Fleet operational Readiness Check Site (FORACS) Ranges; and support of the detachment located at West Palm Beach, Florida.

Excludes 0&M funds for support of fleet usage of AUTEC associated with training and readiness.

0605853N Management, Technical & International Support;X-93-3;;

This program provides analytical and management support to the Planning and Programming segments of the PPBS process. This program element is comprised of six projects which support the development of joint mission area assessments as well as support activities of the CNO sponsored Center for Naval Warfare Studies at the War College. Funding provides hardware and software, including future enhancements of both, in performance/effectiveness analyses leading to rational cost/performance tradeoff recommendations; provides for the analyses that underpin the development of annual joint mission area assessments including the Investment Balance Review that integrates the individual joint mission area and support area appraisals.

Excludes the end strength for civilian and military manpower and their related costs and military construction costs which are included in appropriated management and support elements in this program.

0605854M Marine Corps System Command;X-96-1;;
Includes military manpower and related costs. The element provides funding for the Marine Corps System Command for management and support work performed as the designated RDT&E field representative of the Commandant of the Marine Corps.

Excludes civilian manpower which are included in the base operating support element.

0605855N Naval Arctic Research Laboratory (NARL) - Pt. Barrow;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: RDT&E funds for the maintenance and operation of the Naval Arctic Research Laboratory (NARL), Pt. Barrow, Alaska.

0605856N Strategic Technical Support;;
Includes RDT&E funds directed towards management and technical support for the appraisal of new strategic concepts, systems, and options to support a credible strategic force deterrent; development of guidelines for R&D to provide maximum flexibility and technology enhancement of identified candidate strategic systems; development of capabilities for strategic force posture analysis by use of analytical methods; and Navy participation in the Air Force-managed DoD ABRES program addressing areas of reentry technology of interest to the Navy and not currently included in the ABRES program.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0605857N International RDT&E;;
Includes RDT&E funds for support of efforts within the free world to establish and conduct cooperative research, development, test and evaluation of defense weapons and equipment with friendly nations. Provides for management, direction, and execution of programs for cooperation in international R&D. Provides travel and per diem funds for Navy experts at cooperative R&D meetings, observation of trials, tests, and investigation of technological advances in allied countries. Provides salaries and adminstrative support for U.S. scientific personnel assigned to SACLANT Anti-Submarine Warfare Research Centre, a NATO organization at La Spezia, Italy, which furnishes scientific and technical advice and assistance to Supreme Allied Commander Atlantic (SACLANT) and to NATO nations on antisubmarine warfare. Provides funds to support scientist/engineer exchange programs with friendly foreign

nations.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0605858N Tactical Electro Support;X-2-008;
Includes RDT&E funds to support four projects within this element, i.e., that of providing the fleet optimum combat effectiveness in its application of electromagnetic subsystems including those proposed for the anti-ship missile defense suites (this program will include development of evaluation methodology, analysis techniques, design definition, and interface procedures to effectively assess integration of candidate EM and ASMD subsystems into the total combat system); to support studies in the areas of intelligence, reconnaissance, and command and control, leading to the formulation of concepts and identification of deficiences in the command support area; and to support development of an Electronic Warfare Master Plan (EWMP) which will provide direction on electronics warfare capability needed to render ineffective those threats using electromagnetic and other spectra.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0605859N Mobile Sea Range;X-7-09;
The Mobile Sea Range Program, formerly the Anti-Ship Missile Defense Test Range Program, will provide the Navy with an open ocean mobile range capability to conduct improved Fleet Readiness Training; evaluate Fleet Tactics and Techniques, and test and evaluate prototype weapon systems in a realistic combat environment. The Mobile Sea Range Project is being accomplished in four separate phases. Air, Surface and Subsurface participants to be simultaneously exercised. This Mobile Sea Range will also support the development and evaluation of tactics and operational procedures.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0605860N USS HIP POCKET (H);X-78-003;
Includes RDT&E funds to provide for the purchase, modification, installation, and test of equipments (weapons, detection, and countermeasures devices) installed for experimental evaluation in a suitable combatant ship which can participate in both developmental test evaluation and tactical operations. The thrust of this effort will be to exploit new ideas rapidly, motivate creative and innovative personnel, and evaluate technological risk at minimum cost.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0605861N RDT&E Science and Technology Management;X-5-12;
Includes RDT&E funds for support of ONR Headquarters and branch offices, Navy-wide long-term training, and operating and miscellaneous support costs at RDT&E laboratories and other installations, including headquarters paid functions and civilian personnel costs not directly chargeable to RDT&E projects.

Excludes military manpower and related costs, non-R&D base operating support costs, and military construction costs which are included in appropriate management and support elements in this program.

0605862N RDT&E Instrumentation Modernization;;
Includes RDT&E funds for RDT&E laboratories and facilities for research, support, and photographic equipment, range instrumentation, minor construction, military construction, collateral and personnel support equipment, first destination transportation, and other investment and materiel support costs not directly chargeable to RDT&E projects.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0605863N RDT&E Ship and Aircraft Support;;
Includes RDT&E funds to provide for operation and maintenance of ships and aircraft assigned for support of weapon system RDT&E projects.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0605864N Test and Evaluation Support;;
Includes RDT&E funds to support institutional costs under Uniform DoD T&E funding policy at the following activities of the MRTFB: Pacific Missile Test Center; Naval Air Test Center; Naval Air Propulsion Test Center; National Parachute Test Range; and Naval Weapons Center Ranges.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0605865N Operational Test and Evaluation Capability;;
Includes RDT&E funds for investigation, appraisal, test, and evaluation in an operational environment of specific end items, equipments, systems, and procedures being procured or developed for the fleet. Also includes RDT&E funds to study OT&E methods with the intent of refining and improving Navy OT&E procedures, equipment, personnel, test ranges, and facilities.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0605866N Navy Space and Electronic Warfare (SEW) Support;X-93-3;;
Includes RDT&E funds for developing Top-level Warfare Requirements for Communications, Command, Control, Computers and Intelligence (C4I) systems and concepts, for analyzing relations between the requirements and C4I architectures, for developing high-level C4I planning documents and for examining emerging C4I issues which will affect future RDT&E programs. This program supports concept development, planning, studies and other management

support for C4I programs. The results of these activities are applied across the entire spectrum of C4I applications, including information display, processing and transfer. Includes RDT&E funds to develop advance technology to identify and reduce electromagnetic Interference (EMI) techniques, specifications/standards, analysis/prediction methodology, testing, training to assure electromagnetic spectrum support and compatibility during the development of Navy equipment, system and platforms.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriated management and support elements in this program.

0605867N SEW Surveillance/Reconaissance Support;X-93-3;;
Includes RDT&E funds for the following projects within this element.

a. Supports studies to identify the nature and scope of ocean surveillance, clarifies those issues which must be resolved in order to develop the required ocean surveillance capability, provides development guidance for the total ocean surveillance program.

b. Provides Navy development support to the Tactical Employment of National Capabilities (TENCAP) office.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0605868N R&D Operational Planning Support (H);X-80-004;
Inlcudes RDT&E funds to provide for implementing the directives contained in OPNAVINST 5000.42, "Weapons Systems Selection and Planning." This instruction requires the Director, RDT&E to prepare the Navy R&D plan for mid- and long-range objectives and requirements which will be responsive to force and mission sponsor plans and operational problems requiring R&D. Additionally, the R&D plan must be responsive to deficiencies enunciated in the DDR&E Mission Area Summaries and the guidance contained in the DPPG and CPPG. The R&D plan provides an overview of the potential for science and technology to the solution of naval operating problems leading to Navy systems acquisition. These RDT&E funds also provide for technical and management support to a high level panel of the Naval Research Advisory Commitments for the offices of the Secretary of the Navy, the Chief of Naval Operations, and the Under Secretary of Defense for Research and Engineering. The product of this program is a one-of-a-kind operational problem definition and requirements plan to improve effectiveness of naval systems through R&D efforts.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0605869N Occupational Safety and Health Administration Support;X-79-010;
The Occupational Safety and Health Act of 1970 is a Federal Law and through Executive Order 11807 certain Sections of the Act apply to Federal Agencies including DOD. This project will provide RDT&E support for necessary modifications to buildings and equipment to assure safe and healthful working conditions for operating personnel.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0605870N Strategic Systems Test Support;X-1-004;

Includes RDT&E funds for the conversion of four existing Navy P-3 type aircraft to serve as mobile instrumentation platforms capable of acquiring ballistic missile reentry vehicle telemetry and performing missile impact scoring in broad ocean areas as required to support testing of TRIDENT, MX and other strategic weapons systems.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0605871M Marine Corps Tactical Exploitation of National Capabilities;X-7-09;
Includes funds for an effort to maximize tactical exploitation of National Systems by the Services.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0605872N Productivity Investments;X-1-003;
Provides "set-aside" RDT&E resources to finance productivity enhancing capital investments including component-sponsored investments. Candidate projects are included which meet the established DoD criteria in DoD Instruction 5010.36 and component criteria as described below:

Each project must (a) demonstrate adequate return on investment and compete for funding based on first four years of operations, (b) amortize during the economic life of the project, and (c) comply with all existing policies and regulations governing acquisition and management of equipment and facilities.

Excludes non-RDT&E funded productivity enhancing investments (See 09012150).

0605873M Marine Corps Program Wide Support;X-94-3;;
Includes RDT&E funds for performing long-range planning in the warfare areas, R&D planning, and technology assessment. Warfare planning will define the long-range Navy goals and objectives in terms of broad operational objectives and force structure alternatives. R&D planning will translate the warfare plans into R&D needs/deficiencies and develop investment strategies for a timely, effective and affordable Navy R&D program. Technology assessment involves defining operational implications of scientific advances and technology innovation.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0605873N Long Range Planning Support;X-2-006;
Includes RDT&E funds for performing long-range planning in the warfare areas, R&D planning, and technology assessment. Warfare planning will define the long-range Navy goals and objectives in terms of broad operational objectives and force structure alternatives. R&D planning will translate the warfare plans into R&D needs/deficiencies and develop investment strategies for a timely, effective and affordable Navy R&D program. Technology assessment involves defining operational implications of scientific advances and technology innovation.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0605879N Real Property Services (RPS) - RDT&E;X-94-7;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs of utility plant operations, purchased utilities, air conditioning and refrigeration, utility fuels, fire protection, crash rescue, snow removal and ice alleviation, entomological services, window glass replacement, elevator maintenance/inspection, custodial services, refuse collection and disposal, sewer and waste systems, rental of real property, facility engineering and public works management, other installation engineering services and other annual service requirements performed in-house or by contract.

0605890N Visual Information Activities-R&D;X-6-06;
Funds Visual Information programs, consisting of the following subsets: Visual information (VI) productions and services and VI support.

Includes manpower authorizations and costs, travel, contractual services, procurement of supplies and materials, expense equipment, necessary facilities and the associated costs specifically identified, separable into "in-house" and "contract" portions, and measurable to the following R&D functions, as appropriate:

o VI Productions and Services. Produce or acquire VI productions (i.e., slide and slide-sound sets, film strips, multi-media, video disc, audio productions, combination media), and motion media with sound. Includes resources for scripting, preproduction, production, postproduction, libraries, duplication, distribution, production project management, and other related and associated services.

o VI Support. Provide VI operational (combat and technical) documentation, still and motion picture photography, video, audio, radio and television closed circuit and broadcasting (not Armed Forces Radio and Television Service (AFRTS)) services, graphic art, VI records centers, VI records holding facilities, presentation support, repair and maintenance, video teleconferencing terminals, related and associated services, and their supervision.

o Joint Visual Information Services (JVIS). Resources to operate and maintain JVIS production, depository, and distribution activities assigned by OASD(PA), as a joint mission for DoD.

Excludes VI management at command and component headquarters and OSD. Excludes technical documentation support not available from base VI services, integral to the mission of organizations supported, and identified in other program elements. VI equipment integral to technical documentation functions is also excluded. It does not include VI activities with discrete program elements such as: Armed Forces Radio and Television Service.

0605894N Real Property Maintenance - RDT&E (H);X-93-2;;
Includes civilian manpower spaces, military manpower and military personnel funding for the following functions at R&D laboratories and other installations with a primary mission of research and development or test and evaluation.

Maintenance and repair of all real property: - utilities systems, - buildings, - other facilities, - pavements(roads, parking areas, etc.), - land (grounds)

Minor construction (with other than military construction funds).

Operation of utilities for all real property.

protection, - custodial services, - entomology services, - refuse collection and disposal, - snow removal and ice alleviation, - rental of real property, excluding payments to GSA, - other installation engineering services

Includes all manpower spaces function categories 9, 10, 11, and 12 as defined in DoD Instruction 7220.20.

Excludes RDT&E funding.

For Army and Navy, excludes industrially funded activities.

0605896N Base Operations - RDT&E;X-95-1;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following functional categories of effort:

Administration: Installation Headquarters Administration and Command (including squadron level responsible for Base Operations), Installation Comptroller Services, Installation ADP Services, Installation Information Activities, Installation Legal Activities, Civilian Personnel Administration, Installation Military Personnel, Administration Installation Printing and Reproduction, Installation Safety, Installation Management Analysis/Management Engineering.

Retail Supply Operations: Installation Supply Activities, Installation Procurement Operation, Installation Storage Activ ities.

Maintenance of Installation Equipment: (Includes maintenance of administrative aircraft, vehicles and equipment; but excludes maintenance of tactical equipment, combat vehicle and mission aircraft).

Other Base Services: Installation Transportation Activities, Installation Training (excludes Troop training and tactical exercise). Installation Physical and Police Activities, Laundry and Dry Cleaning (for troop support and other appropriated fund activities). Installation AirField/Air Base Operations (control tower, weather, flight service, etc.) Installation Restoration.

Bachelor Housing Operations and Furnishing: (management; housing assignment, care of quarters, provisions, care preservation and maintenance of furnishings, etc.)

Other Personnel Support: Food Service; Social Action; Community Service; Chaplain Services; Bands; Morale, Welfare and Recreation.

Excluded are the following functional categories which are a part of the standard definition of Base Operating Support, but are reported under separate PEs: Real Property Services, Minor Construction, Maintenance and Repair, Base Communications, Commissary Operations (Retail and Troop Issue), Station Hospitals, Medical and Dental Clinics and Dispensaries, Family Housing.

0605898N Management Headquarters (Research and Development);;
Includes civilian manpower spaces, military manpower and military personnel funding in the Office of Naval Research; and manpower authorizations, peculiar and support equipment, necessary facilities and the associated

costs specifically identified and measurable to Headquarters, Naval Medical Research and Development Command.

Excludes RDT&E funds (see PE 0605861N).

0605903N Service Support to OSD (H);;
Includes manpower services support to the Office of the Secretary of Defense for research and development.

0605904N Service Support to ARPA;;
Includes manpower service support to the Advanced Research Projects Agency for research and development.

0605906M Service Support to DNA;X-9-05;
Includes military manpower service support to the Defense Nuclear Agency for research and development.

0605906N Service Support to DNA;;
Includes manpower service support to the Defense Nuclear Agency for research and development.

0605907N Service Support to BMDO;X-5-01;
Includes military manpower service support to the Ballistic Missile Defense Organization.

0605908M Service Support to TJS;X-9-05;
Includes military manpower service support to the The Joint Staff for research and development.

0605908N Service Support to TJS;X-5-01;

0601101F In-House Laboratory Independent Research;;
Includes peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

RDT&E funds to provide discretionary authority to Directors of Laboratories of the Air Force Systems Command (AFSC) for new research work judged to be of high promise or importance. In recognition of the need to strengthen in-house Defense Department laboratories, the Secretary of Defense, on 14 October 1961, issued a directive which stated that a fraction of the annual laboratory budget would be used for work judged by the Laboratory Director to be of promise or importance without need for prior approval or review at higher levels. Numerous small and moderate size contracts are placed with universities and industry each year, in conjunction with directly related in-house laboratory efforts, to investigate promising new areas of Research and Exploratory Development. Directors of 13 Air Force in-house laboratories participate in this program. The Air Force has set up and administered this program in strict compliance with the intent that it be unencumbered by restrictive reviews and procedures or justifications and documentation prior to beginning work. Laboratory Directors meet annually with the Assistant Secretary of the Air Force for Research and Development to account for their research projects.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0601102F Defense Research Sciences;;
Includes manpower authorizations peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the conduct of the Air Force Research Program RDT&E funds for the contractual effort managed by the Directorate of Laboratories of the Air Force Systems Command. Funds may be used for supplies and equipment peculiar to the individual research program.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0601103F University Research Initiatives (H);X-0-10;
This program element funds DoD relevant research efforts as part of a coordinated action by the Army, Navy, Air Force and ARPA at U.S. universities and colleges. Efforts include research instrumentation, graduate fellowships, faculty development and potentially high payoff research projects in emerging technologies such as materials and structures, biotechnology, computer science and microelectronics.

Excludes manpower authorizations and related costs.

0602101F Geophysics;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

RDT&E funds for the contractual effort of the Air Force Environment Program. The principal portion of the environment effort is sponsored by the Air Force Cambridge Research Laboratory located at L.G. Hanscom AFB,

Massachusetts.

Excludes RDT&E funds for the in-house environment efforts (see Defense Research Science, PE 0601102F).

0602102F Materials;;
Includes RDT&E funds for contract and in-house effort of the Air Force Materials Laboratory (AFML), located at Wright Patterson AFB, Ohio. Funds provide for contractual R&D, pay of assigned civilian personnel, travel and transportation for assigned military and civilian employees, rents, communications, utilities, contractual support services, printing and reproduction, supplies and equipment; and military personnel funds for the pay of officers and airmen assigned to AFML.

Excludes funds for the operation and maintenance of Wright-Patterson AFB, borne by hosting organizations, i.e., the Aeronautical Systems Division of AFSC and the Air Force Logistics Command.

0602103F CLOUD GAP (H);;

0602201F Aerospace Flight Dynamics;;
Includes RDT&E funds for the contract and in-house effort of the Air Force Flight Dynamic Laboratory (AFFDL) located at Wright-Patterson AFB, Ohio. Funds provide for contractual R&D, pay of assigned civilian personnel, travel and transportation for assigned military and civilian employees, rents, communicatons, utilities, contractual suport services, printing and reproduction, supplies and equipment, and military personnel funds for the pay of officers and airmen assigned to AFFDL.

Excludes funds for the operation and maintenance of Wright-Patterson AFB, borne by the hosting organization, i.e., the Aeronautical Systems Division of AFSC and the Air Force Logistics Command.

0602202F Armstrong Lab Exploratory Development;X-95-2;
Includes RDT&E funds for the contract and in-house efforts of the following:

Aerospace Medical Division (AMD), Brooks AFB, Texas; 6571st Aeromedical Research Laboratory, Holloman AFB; 6570 Aerospace Medical Research Laboratory, Wright-Patterson AFB; USAF School of Aviation Medicine, Brooks AFB and Lackland AFB; 6570th Personnel Research Laboratory; USAF Epidemiological Laboratory; Aerospace Medical Research Laboratory.

Funds provide for contractual research and development, pay of civilian personnel assigned to the Headquarters complex of AMD and each of the AMD laboratories, travel and transportation for assigned military and civilian employees, rents, communications, utilities, contractual support services, printing and reproduction, supplies and equipment; and military personnel funds for the pay of officers and airmen assigned to AMD and each of the AMD Laboratories.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0602203F Aerospace Propulsion;;

Includes RDT&E funds for the contract and in-house efforts of the Aerospace Propulsion Laboratory (AFAPL) located at Wright-Patterson AFB, Ohio. RDT&E funds provide for contractual research and development, pay of assigned civilian personnel, travel and transportation for assigned military and civilian employees, rents, communications, utilities, contractual support services, printing and reproduction supplies and equipment; and military personnel funds for the pay of officer and airmen assigned to AFAPL.

Excludes funds for the operation and maintenance of Wright-Patterson AFB, borne by hosting organization, i.e., the Aeronautical Systems Division of AFSC and the Air Force Logistics Command.

0602204F Aerospace Avionics;X-4-06;
Includes RDT&E funds for the contract and in-house efforts of the Air Force Avionics Laboratory (AFAL) located at Wright-Patterson AFB, Ohio. Funds provide for contractual research and development, pay of assigned civilian employees, travel and transportation for assigned military and civilian employees, rents, communications, utilities, contractual support services, printing and reproduction, supplies and equipment; and military personnel funds for the pay of officers and airmen assigned to AFAL.

Excludes funds for the operation and maintenance of Wright-Patterson AFB, borne by the hosting organization, i.e., the Aeronautical Systems Division of AFSC, and the Air Force Logistics Command.

0602205F Personnel, Training and Simulation;X-7-10;
Includes RDT&E funds for the Air Force Human Resources Laboratory (AFHRL) located at Brooks AFB, Texas. RDT&E funds are for personnel, simulation, training and logistics technology efforts. This program includes specific efforts to: develop innovative methods for flight simulator training; define simulator training effectiveness requirements; develop innovative techniques for training tactics for air-to-ground and air-to-air combat; enhance maintenance and technical training by developing and evaluating alternative instructional technologies; developing maintenance training simulators; improving logistics support of weapon systems by specifying the inter- actions between the human elements of the logistics and maintenance systems, and the associated characteristics of weapon systems. This program also includes efforts to: develop and validate personnel testing procedures; determine and measure specific requirements for Air Force jobs; improve the process for matching individuals to jobs; develop models and strategies to improve retention; and develop comprehensive skills and management and reenlistment/career assignment programs. This program also supports Project Forecast II technology PT-44, Aircrew Combat Mission Enhancement. These funds also provide for contractual R&D pay of assigned civilian personnel, travel and transportation for assigned military and civilian employees, rents, communications, utilities, contractual support services, printing and reproduction, supplies and equipment. Includes military personnel funds for the pay of officers and airmen assigned to AFHRL.

Excludes funds for the operation and maintenance of Brooks AFB which are included in the Acquisition and Command Support program element.

0602206F Civil Engineering and Environmental Quality;X-4-06;
Includes all R&D funding directly associated with exploratory development activities required to provide technology needed for Air Force Engineering and Services to meet its mandated wartime missions, as defined in DODD 1315.6 and AFR 93-10. This technology will allow Air Force Civil Engineering and Environmental Quality operations to keep abreast of the increasingly sophisticated weapon systems that must be supported. Technology is developed in the following areas:

Airbase Survivability (includes facility energy); Airfield Pavements; Fire Protection and Control Hazardous Waste Control and Cleanup; Pollution Modeling and Monitoring; Environmental Fate and Effects of Fuels and Emission Products.

Excludes civilian and military manpower authorizations and military construction costs which are included in appropriate support elements in this program.

0602269F Hypersonic Technology Program;X-94-4;;
Funds exploratory development of advance technology for hypersonic systems. Provides revolutionary dual-use technology to include hypersonic weapon system, and future space launch concepts for both DoD and NASA. Develops hypersonic vehicle technologies to prove feasibility and operability of a supersonic combustion ramjet (scramjet) engine, high-temperature/high-strength materials and structures, and hypersonic aerodynamics.

0602302F Rocket Propulsion and Astronautics Technology;X-0-10;
Includes RDT&E funds for the contract and in-house efforts of the Air Force Rocket Propulsion Laboratory (AFRPL) located at Edwards AFB, Californaia. Funds provide for contractual R&D pay of civilian personnel, travel and transportation for assigned military and civilian employees, rents, communications, utilities, contractual support services, printing and reproduction, supplies and equipment; and military personnel funds for the pay of officers and airmen assigned to AFRPL.

Excludes RDT&E funds for the operation and maintenance of Edwards AFB (see Command Management and Base Operations element in this program).

0602601F Phillips Lab Exploratory Development;X-95-2;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

RDT&E funds for the contract and in-house efforts managed by the Air Force Weapons Laboratory of the Air Force Systems Command which is located at Kirtland AFB, New Mexico. Funds may be used for supplies and equipment peculiar to the program.

Excludes military construction costs which are included in appropriate management and support elements in this program; and RDT&E funds for the O&M of Kirtland AFB borne by the host organization, i.e., the Air Force Special Weapons Center.

0602602F Conventional Munitions;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: RDT&E funds for the contract and in-house efforts of the Air Force Armament Technology Laboratory (AFATL), Eglin AFB, Florida. Funds provide for contractual R&D, pay of assigned civilian employees, travel and transportation for assigned military and civilian employees, rents, communications, utilities, contractual support services, printing and reproduction, supplies and equipment; and military personnel funds for the pay of officers and airmen assigned to AFATL.

Excludes RDT&E funds for the operation of Eglin AFB borne by the host organization, i.e., the Air Proving Ground Center.

0602702F Command Control and Communications;;
Includes RDT&E funds for the contract and in-house efforts of the Rome Air Development Center (RADC), located at Griffiss AFB, New York. Funds provide for contractual R&D, pay of assigned civilian personnel, travel and transportation for assigned military and civilian employees, rents, communications, utilities, contractual support services, printing and reproduction, supplies and equipment; and military personnel funds for the pay of officers and airmen assigned to RADC.

Excludes funds for the operation and maintenance of Griffiss AFB borne by the host organization.

0602703F Personnel Utilization Technology (H);X-92-3;
Includes RDT&E funds for the contract and in-house efforts of the Human Resources Laboratory (AFHRL) located at Brooks AFB, Texas. RDT&E funds are for the three divisions of AFHRL that support the personnel utilization technology efforts. The divisions are Computational Sciences (SM), Personnel Research (PE), and Occupational and Manpower Research (OR). The RDT&E funds provides for contractual R&D, pay of assigned civilian personnel, travel and transportation for assigned military and civilian employees, rents, communications, utilities, contractual support services, printing and reproduction, supplies and equipment. Includes military personnel funds for the pay of officers and airmen assigned to AFHRL.

0602704F Very High Speed Integrated Circuits (H);X-5-03;
RDT&E funds to support exploratory development, design, fabrication, testing, and demonstration of Very High Speed Integrated Circuits (VHSIC) as part of the DoD VHSIC effort.

0602790F Small Business Innovative Research/Small Bus Tech Transfer Pilot Prog;X-93-2;;

0602889F Counterdrug RDT&E Support;X-94-2;;
Captures all counterdrug exploratory development efforts not associated with a counterdrug-unique PE and specifically identified and measurable against other active counterdrug programs.

Includes exploratory development efforts to develop technology into demonstrations suitable for laboratory evaluations. Efforts include primarily non-systems technology development. May also be used for demand reduction exploratory development efforts. Only projects approved by the Secretary of Defense and supported by the transfer appropriation will be included.

0603102F Innovations in Training and Education (H);;
Includes RDT&E funds directed toward the solution of hard core training problems. The current projects are

Advanced Simulation in Undergraduate Pilot Training (ASUPT); the Advanced Instructional System (AIS); Non-Decision Job Performance Aids (JPAs); and Quantitative Assessment of Flight and Simulator Pilot Performance.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603103F Advanced Airborne Radar Development (H);X-6-01;
The resources allocated to this program will be used to develop the bistatic radar technology required for all-weather detection, acquisition, and strike of stationry and moving tactical targets. The technology to be developed will be selected for its performance potential in the projected threat environment and special emphasis will be placed on covert techniques that improve aircraft survivability.

0603104F Airlift Planning (H);X-5-03;
Includes: RDT&E funds to support program definition and source selection activities of a new airlift aircraft, the C-X, leading to program initiation in FY 81. These planning activities include an analysis/definition of the C-X requirements, preparation/coordination/submission of a C-X MENS, C-X RFP preparation/issue, and proposal evaluation.

Excludes: Any FSED activity.

0603105F Olympic (H);X-95-2;
This is a special access program. Access will be granted on a strict need-to-know basis only.

No manpower included.

0603106F Logistics Systems Technology;X-6-01;
Includes RDT&E funds to develop generic logistics systems technologies which are oriented toward improving overall logistics and maintenance support processes for a wide range of weapon systems. Logistics R&D efforts which are closely related to specific hardware systems will be funded under specific hardware- oriented PE's. PE 0603106F will fund the advanced development of new models, techniques and software for design, analysis, planning and evaluation to achieve supportable new weapon systems. It will also fund the advanced development of basic data, models and software for predicting, planning and assessing integrated logistics support requirements for fielded weapon systems, with particular emphasis on new logistics concepts for deployed combat environments. Similarly, PE 0603106F will fund generic advanced development of technical data management systems, maintenance and overhaul aids, weapon support management reporting and analysis systems, and logistics communication, information and management systems. Alternatively, PE 0603106F would be less likely to fund advanced development efforts for metrology for weapon systems, automated spare parts manufacturing/repair, material transportation handling and distribution system, fuels and munitions technology, and logistics facilities, since these efforts directly relate to specific hardware requirements. This PE includes RDT&E funds directed toward the development and validation of criteria for interim DOD standards for graphics, text, and data exchange: and to demonstrate an integrated system approach to automated drawing storage and retrieval and automated technical documentation generation, storage, and dissemination.

Excludes civilian and military manpower and their related costs, and military construction costs which are included in appropriate management and support elements of this program.

0603107F Technical Evaluation System;X-8-04;
This is a special access program. Access will be granted on a strict need-to-know basis only.

No manpower included.

0603108F Integrated Data Systems;X-95-4;;

0603109F INEWS/ICNIA (H);X-95-2;
Defines, develops and demonstrates the advanced system avionics architecture and critical avionics subsystems for the Air Force's Advanced Tactical Fighter (ATF) and the Navy's Advanced Tactical Aircraft (ATA). Primarily develops the Integrated Electronic Warfare System (INEWS) and the Integrated Communications Navigation Identification Avionics (ICNIA) and the major components of the ATF/ATA core avionics and tests and evaluates INEWS/ICNIA with other selected critical avionics subsystems in the Pave Sprinter demonstration. Accomplishes studies and simulations to insure that the selected ATF/ATA Pave Pillar architecture properly integrates multiple sensors, fire control/ weapon delivery functions, engine management, INEWS/ICNIA, cockpit controls and displays, flight controls, stores management and interfaces the avionics architecture with the ATF/ATA weapons system. Focuses on the counter air operational mission and emphasizes very high weapon system sustainability (reliability, availability, maintainability). ICNIA/INEWS development will allow possible application to the F-14D, F-15, F-16, F/A-18 and the F-111 as appropriate.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603110F Special Evaluation System ;X-7-01;
This is a special access program. Access will be granted on a strict need-to-know basis only.

Excludes military and civilian manpower and their related costs.

0603111F Meridian;X-7-01;
This is a special access program. Access will be granted on a strict need-to-know basis only.

Excludes military and civilian manpower and their related costs.

0603112F Advanced Materials for Weapon Systems;X-8-06;
This PE consists of four projects; two associated with Materials Technology and two associated with Structures Technology. The laser hardened materials work has enjoyed significant growth over the past few years. This area

is an OSD special interest item.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603201F X-15 Research Aircraft (H);;

0603202F Aerospace Propulsion Subsystems Integration;X-7-10;
Includes RDT&E funds for advanced airbreathing propulsion system demonstrations. These demonstrator engines are part of the Joint Air Force/Navy Technology Demonstrator Engine (JTDE) program. Technologies pursued under this program are tested to determine preliminary performance, reliability, maintainability, and durability characteristics.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603203F Advanced Avionics for Aerospace Vehicles;X-7-10;
Develops and demonstrates emerging technologies in advanced sensors, image/information processing, target identification, fire control, and counter-countermeasures. These emerging technologies are critical for applications in tactical and strategic in-weather strike from current and advanced aircraft, cruise missiles and advanced aerospace vehicles in order to counter the present and postulated threats. Advancements in key electronic device technologies are also developed and demonstrated to improve avionics system performance and reliability and to reduce cost. Specific areas include development of air intercept and surface attack radars, attack management fusion software, cruise and hypervelocity vehicle precision guidance, radar and electro-optical automatic target recognizers, active-passive imaging sensors, all spectral active and passive countermeasures, offensive ECCM radar concepts, electro-optical CCM techniques, and related mission avionics. Focuses on mission effectiveness, survivability, and sustainability (reliability, availability, maintainability, and supportability) to provide air superiority at the lowest possible cost of ownership.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603204F Light Intra-Theater Transport (H);;

0603205F Flight Vehicle Technology;X-95-2;
Includes RDT&E funds to support the development and demonstration of new aerospace technology. Advances in aerospace technology which will solve operational problems are demonstrated and evaluated. Areas of principal investigation are flight dynamics, flight control, landing gear technology, and related aeronautical subsystems. Funds nonnuclear survivability technology and supports the Air Force portion of Joint Technical Coordinating Group on Aircraft Survivability (JTCG/AS) Inter-Service research, advanced development, design criteria, and assessment methodology effects to reduce the vulnerability of aerospace systems in a nonnuclear threat environment. Provides

advanced technology primary and secondary structures that will significantly lower cost and weight and provide higher performance reliability than the current state-of-the-art. Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603206F Tri-Service V/STOL Developments (H);;

0603207F Advanced Fire Control/Missile Technology (H);;

0603208F Advanced Electronics for Aerospace Vehicles (H);X-7-10;
Develops and demonstrates advanced electronic devices and modules for aerospace vehicle application areas encompassing radar, weapon delivery, reconnaissance, surveillance, and electronic warfare at the development level. The primary thrust of the overall program is to hasten electronic device transition from feasibility demonstation to system application. Specific areas of application are chosen where improvements in performance, cost, or reliability will significantly improve readiness, mission capability, and/or life cycle costs. Significant improvements in aerospace vehicle system performance will be accomplished by bringing to fruition the needed electronic, microwave, millimeter wave, and electro-optical processors, sources, and sensors.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603209F MACH-8 RAMJET (H);;

0603210F Supersonic Combustion (H);;

0603211F Aerospace Structures;X-8-06;
RDT&E funds to develop and demonstrate improved materials, design concepts, fabrication, and concept validation that will provide advanced technology metallic and organic matrix composite primary and secondary structures at a significantly lower cost and weight and higher reliability than the current state-of-the-art will support. Also provides improved capabilities such as operating temperature capability, controlled failure mode, greater strength and/or stiffness, reduced maintenance, etc., relative to the current state-of-the-art.

Excludes military and civilian manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603212F Hypersonic Vehicle Technology (H);;

0603213F V/STOL (H);X-5-03;

Includes development of survivable tactical attack aircraft launch and recovery capability to counteract interdicted runways. Initial development efforts to provide V/STOL capability for new aircraft.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603214F VTOL Engine Development (H);;

0603215F Aerospace Fuels and Propulsion Technology (H);X-7-10;
Includes RDT&E funds for in-house and contractual efforts in two areas. First, funding to demonstrate the feasibility of, and potential prototyping for, new fuels for current inventory and advanced aircraft propulsion systems. This technology will enable the Air Force to effectively develop propulsion concepts whose fuel source is not adversely affected by diminishing and/or changing natural resources. Second, includes funding to design, fabricate, and ground-test advanced nonturbine engine propulsion concepts.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603216F Aerospace Propulsion and Power Technology;X-7-10;
Includes efforts to design, fabricate, and test advanced compressors, and turbines in a gas generator. Testing includes performance and limited durability work. Demonstrates the feasibility of, and potential prototyping for, new fuels for current inventory and advanced aircraft propulsion systems. This technology will enable the Air Force to effectively develop propulsion concepts whose fuel source is not adversely affected by diminishing and/or changing natural resources. Designs, fabricates, and ground test of advanced non-turbine engine propulsion concepts. Develops critical power technology including advanced power sources, power conditioning and thermal control for Air Force aircraft, spacecraft, and missile systems. For aircraft systems both hydraulic and electrical power technologies will be developed. Spacecraft power using advanced solar cell arrays, improved thermal management, and improved power conditioning methods will be demonstrated. Emphasis on new low cost, high output power sources for missile and unmanned vehicles will also be pursued.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603217F Weapon Systems Power (H);X-9-02;
RDT&E funds to meet technology requirements for supplying large quantities of specifically conditioned power to electronic warfare, surveillance, and directed energy weaponry in space based and airborne systems. This program also provides power system and fireproof hydraulic technologies for enhanced operational capabilities in future tactical and strategic aircraft. Low cost battery technology for tactical missiles and high performance battery technology for strategic missiles and launch facility survivability will also be developed.

Excludes civilian and military manpower and their associated costs and military construction costs which are included in appropriate management and support elements in this program.

0603218F High By-Pass Turbo Fan CX-HLS (H);;

0603219F Laminar Flow Control Demo Aircraft (H);;

0603220F Air Separator (H);;

0603221F Advanced Liquid Air Cycle Eng (LACE) (H);;

0603222F Turbo Accelerator (H);;

0603223F New Surveillance Aircraft ;;

0603224F Close Support Fighter (H);;

0603225F Subsonic Cruise Armed Decoy (SCAD) (H);;
Includes RDT&E funds to fulfill operational requirements for an air vehicle capable of enhancing the penetration capability of strategic aircraft. The system includes an air-launched turbofan powered vehicle composed of an airframe, engine segment, decoy segment covering selected threat frequencies, and a navigation/guidance segment. The SCAD will be employed initially as an unarmed B-52 decoy. Included in the design will be provisions for future arming and adaptability to the B-1.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603226F DoD Common Programming Language (Ada) Advanced Develop (H);X-92-3;
RDT&E funds to support advanced development and management of the total Department of Defense effort to introduce implement, and provide life-cycle support for Ada, the DoD common, high-order programming language for embedded computers. Ada is to be a DOD-wide standard which will enhance software portability and afford the maximum commonality of tools (environment) needed to develop and support defense systems software. The Ada Joint Program Office will assure that validated Ada compilers and the associated software development and support environments are available to support a policy of using only accredited support software on DOD programs.

0603227F Personnel, Training and Simulation Technology;X-7-10;
Develops promising technologies to provide a continuing supply of quality men and women for Air Force jobs; to

provide new and better training systems; to increase efficiency and productivity of Air Force personnel; and to improve the performance capabilities of flight simulators and aircrew training devices. This program includes the advanced development technology necessary for the Armed Services Vocational Aptitude Battery (ASVAB) (the Department of Defense selection and classification instrument for enlisted members), the Air Force Officer Qualifying Test (AFOQT) (for selection of AF officers), the Advanced On-The-Job Training System (AOTS), and PROJECT FORECAST II technology PT-44, Aircrew Combat Mission Enhancement (ACME) which will enable aircrews to achieve increased performance in tactical air combat through increased in-cockpit situation awareness, better combat mission training and improved mission rehearsal and mission planning.

Excludes civilian and military manpower and their related costs which are included in appropriate management and support elements in this program.

NOTE: Does include MILCON funds.

0603228F Next Generation Trainer Aircraft (H);X-4-01;
Includes RDT&E funds to develop and test a follow-on trainer aircraft for Undergraduate Pilot Training. This aircraft will replace the rapidly aging T-37.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603229F CONUS Air Defense Interceptor (H);;

0603230F Advanced Tactical Fighter (H);X-95-2;
Includes RDT&E funds to focus on mission analysis, development of concepts, proving technology, exploration of alternative systems and risk reduction leading to (but not including) full scale engineering development of the next generation tactical fighter aircraft.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603231F Crew Systems and Personnel Protection Technology;X-7-10;
Includes RDT&E funds to develop and demonstrate systems to protect and extend function of the human component. The central AF avenue for advanced development of human-centered technologies for hazardous air and space environments, PE efforts include: advanced life support systems and aircrew flight ensembles (integrating protection from 60-70,000 ft altitudes in emergency decents, sustained 9-G, in-cockpit thermal burdens and threats from lasers or nuclear flash ocular hazards and chemical agent); ejection seat technologies approximately doubling the current safe ejection envelope (including equivalent airspeeds of 0 to 700 knots with adverse altitude and low altitude); crew-centered design processes and specific systems to improve cockpits and workstations for performance of exacting tactical and strategic combat missions as well as C3 and battle management; control and display systems to optimize man-machine integration through advanced visual displays in virtual (i.e., projected image) space, wide-angle heads-up displays, night visual systems, head/ eye/voice/pointing-coupled controls, and automated decision aiding; methods to ensure protection of aerospace mission and support personnel, the

maintenance of combat sortie generation rates and the adequate treatment of combat casualties in a chemical warfare environment (with systems for chemical agent detection, identification and warning; contamination control; individual protective equipment; collective personnel protection; and medical treatment).

Excludes civilian and military manpower and their related costs and military construction costs are included in appropriate management and support elements in this program.

0603232F Advanced Aerial Target Technology (H);X-5-03;
Including RDT&E funds to develop and demonstrate new targets, including scoring devices and improved radar and infrared augmentation systems to upgrade future aerial target presentations. Success in this program will improve our ability to evaluate air-to-air weapon systems and related components. Present development efforts include the tri-Service High Altitude Supersonic Target (HAST) and the PQM-102. HAST will provide an evasive maneuvering target capable of speeds up to Mach 4.0 at altitudes up to 100,000 feet and satisfies many tri-Service requirements for a supersonic high altitude target. The PQM-102 is the F-102 aircraft converted into a low cost, maneuvering, afterburning target. This full size target will provide a realistic target signature for evaluation of air-to-air missile guidance and fuzing in an aerial combat maneuvering environment with an after-burner signature.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603233F Laser Hardened Materials (H);X-5-03;
RDT&E funds to develop, design, demonstrate, and validate passive laser hardened materials and structure design concepts, and materials defense techniques for Air Force systems, subsystems, personnel, components, and equipment. Will specifically provide hostile laser energy hardening and/or materials defense for space systems, for missiles and aircraft, and for sensor systems and personnel.

Excludes military and civilian manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603234F Enforcer Aircraft (H);X-5-03;
Includes funds for the design and fabrication of prototype Enforcer aircraft. Also includes contractor technical support of flight tests, associated range/manpower costs and data reduction/analysis. Initial tests will flight-qualify the aircraft, evaluate handling characteristics, and certify the aircraft for weapons carriage/release. Tests will also evaluate the capability of the aircraft to perform in a close air support role, survive in a high threat environment, and kill armored targets.

0603235F Lightweight Fighter Prototype (H);;
Includes RDT&E funds to provide two lightweight fighters from each of two contractors (General Dynamics and Northrop). The purpose of the lightweight fighter program is to demonstrate in hardware the technology leading to a relatively low cost, high thrust-to-weight fighter aircraft combining an optimum contribution of new aerodynamic concepts and design ideas in a prototype program in advance of a stated operational requirements.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603236F Advanced Medium STOL Transport (AMST) (H);;
Includes program to design, fabricate, and evaluate an operationally suitable transport aircraft which will demonstrate new technology and will confirm the technical feasibility and utilization of the design approach. The program will provide cost visibility associated with short field performance and provide an option for tactical airlift modernization. The program will begin transitioning into engineering development in FY 1977. The AMST will replace the C-7, C-123, and older C-130 aircraft beginning in the early 1980s. This aircraft will correct existing tactical airlift deficiencies and satisfy current and projected mission requirements. The program includes all RDT&E costs normally associated with the advanced development of this weapons system.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603237F Stall/Spin Inhibitors (H);;
Includes RDT&E funds to reduce stall/spin losses in current high performance aircraft and to provide improved aerodynamics and flight control design criteria which will result in the future design of spin resistant aircraft.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603238F Global Surveillance and Communication Technology;X-95-2;
Includes funding for efforts that lead to and include the development and demonstration of advanced technologies that support new capabilities in the area of scalable, real time global surveillance and communications; integrated, multi-service capabilities for locating, identifying and killing high value, short dwell military ground targets; theater missile ballistic defense, counter stealth, short range air defense and air superiority.

0603239F Unmanned Air Reconnaissance System (UARS) (H);X-91-2;
Funds Air Force unique RDT&E of a medium range unmanned reconnaissance vehicle being developed by the Navy. In addition, it funds the integration of the Air Force electro-optical (EO) sensor suite, being developed in PE 0207217F, into the unmanned vehicle, and the testing of the EO sensor suite/vehicle combination.

Excludes civilian and military manpower and their related costs, and military construction costs.

0603240F Lightweight Fighter Engine (H);;
Includes peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: RDT&E funds for the continued development of the YJ101-GE-100 engine through a flight demonstration test. The YJ101 is an advanced, high thrust-to-weight ratio engine in the 15,000 lb. thrust class. It is a low bypass, augmented, turbojet engine, configured to minimize fuel consumption in the high power ranges of the engine. This development program will provide an engine for use in the Northrop lightweight fighter, the

YF-17.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603242F Combat Aircraft Prototype (H);X-5-03;
Includes RDT&E funds to support technology oriented flight demonstration of tactical combat aircraft prototypes. The program is to insure the US maintains superiority in tactical combat aircraft design and manufacturing capabilities.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate and support elements in this program.

0603243F Digital Avionics Information System (H);X-5-03;
Includes RDT&E funds to permit the Air Force to move toward integrated avionics systems which make use of common processing, standard interfaces, and modular equipment for the control and centralized display of sensor, navigation, and weapons delivery subfunctions. This systematic approach will optimize supportability and cost effectiveness, as well as performance of future avionics systems. Actual work centers on a limited demonstration of a Digital Avionics Information System in a hot bench configuration. Initially the demonstration will provide the basis for the avionics development for the night adverse weather close air support mission, and, subsequently, with appropriate sensor changes for the air superiority mission. The hot bench will have growth capability to support complex avionics subsystems developments for additional weapons system applications. The output of the program will include an in-house Air Force capability to specify and integrate digital avionics systems. This capability will consist of trained personnel from the AFSC product divisions and laboratories, plus an integrated digital avionics systems hot bench representative of actual flight hardware. The hot bench will include processing device(s), a complex of sensors, operator and control stations, a multiplex system, and a close air support type cockpit simulator with appropriate displays for full mission simulation. Upon completion, DAIS technology, hardware, and trained personnel will be transitioned to engineering development for application to specific systems.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603244F Aircraft Non-Nuclear Survivability (H);X-7-10;
Includes RDT&E funds for Air Force non-nuclear survivability technology and supports the Air Force portion of Joint Technical Coordinating Group on Aircraft Survivability (JTCG/AS) inter-Service research, advanced development, design criteria, and assessment methodology effects to reduce the vulnerability of aeronautical systems in a non-nuclear threat environment. The level of effort is consolidated into two task areas in FY 1977: methodology effort; and design criteria, specifications, and documentation efforts.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603245F Flight Vehicle Technology Integration;X-95-2;

Includes RDT&E funds to provide flight demonstration of promising aeronautical technologies to prove feasibility and verify those technologies are ready to transition to systems application. Examples of candidate technologies are direct side force control, direct lift control, relaxed static margin, drag modulations, integrated fire/flight control, variable camber and tailored twist wing, and thrust vector control. The AFTI program will thoroughly demonstrate concepts as listed above and provide confidence that integration of multiple new technologies can be successfully achieved. Technology validated in the AFTI will contribute to the baseline for all future tactical and air superiority programs. Significant increases in maneuverability, target acquisition, and tracking ability and weapons delivery accuracy are expected.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603246F Aircraft Subsystems Technology (H);X-5-03;
Includes RDT&E funds for the development and demonstration, including appropriate flight tests, of advanced capability subsystems and equipment, to insure a smooth and timely transition into aircraft weapon systems. The general goals of the program are to demonstrate the performance, functional characteristics and mechanical integrity of the equipment/subsystems for increased confidence in the new advanced capability; and to conduct sufficient testing of the equipment/subsystems to provide technical and engineering data, specifications, and cost-schedule details for low-risk, follow-on, formal qualification and engineering development.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603247F Modular Automatic Test Equipment (H);X-5-03;
Includes RDT&E funds to develop standardized and modular Automatic Test Equipment (ATE) for support of USAF aircraft through analysis, study, design fabrication and test demonstration of applicable technology, components, software and systems. This program will concentrate initially on development of ATE for avionics equipment, emphasizing reusable , modular, standardized approaches for both hardware and software, to permit long-term application by the Air Force. Emphasis will be on programable, digital test equipment using standardized interfaces to minimize technological obsolescence and excessive requirements for interface equipment.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603248F Concept Development (H);X-0-10;
Includes RDT&E funds directed toward efforts to shorten acquisition lead time on new concepts where technology basically exists. Allows rapid transition of good ideas through concept, preliminary design, and demonstration before major dollars are committed to Air Force development. Expedites pre-Milestone "0" activities consistent with OMB Circular A-109. Explores and demonstrates proof of concept to put ideas on a sound program basis, identifies risks and benefits, or terminates projects before they are large and expensive. The Vanguard Mission Area Development planning Process identifies current deficiences, new needs, new technology opportunities, and potential system improvements. This PE provides the funds needed to address the gaps identified and justified in the mission, force element, and functional plans of Vanguard.

0603249F Night Attack Program (H);X-6-01;

Includes RDT&E funds for simulation and feasibility flight test demonstration of terrain following radar, electro-optical sensors, avionics and weapons combinations, as well as new night and limited adverse weather attack concepts in both single and dual seat aircraft. Prototype hardware will be fabricated, as necessary, to configure test vehicles and provide a baseline for analysis and feasibility flight test demonstration of night/limited adverse weather capability enhancements. Projects in the NAP program element are 2626 Night Tactical Enhancement (NITE), 2627 Terrain Following Radar (TFR), and 2628 Millimeter Wave Technology (MWT).

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603250F Lincoln Laboratory;X-78-015;
The Lincoln Laboratory program is a high technology research and development effort conducted through the provisions of a cost reimbursement contract with the Massachusetts Institute of Technology. Lincoln Laboratory is operated as a Federal Contract Research Center with manpower controls administered by the Department of Defense. The fundamental objective is to maintain a stable technology base in advanced electronics from which military systems may be developed. Utilizing this advanced electronics base, Lincoln actively engages in advanced research, primarily in the area of space communications, Tactical technology, space surveillance, and radar techniques. Lincoln also provides technical advice and consultation to the Military Services and Defense Agencies.

Excludes government civilian and military manpower and their related costs. RDT&E costs associated with specific projects or programs are excluded.

0603251F New Manned Bomber (H);X-5-03;
RDT&E funds for a development program which will provide for a follow-on manned strategic bomber. The program will initially provide conceptual alternatives.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603252F Bomber Penetration Evaluation (B-1) (H);X-5-03;
Includes RDT&E funds to continue the evaluation and testing of the B-1 aircraft. Efforts will focus on flight testing to evaluate penetration tactics applicable to future bomber aircraft and provide needed data on the effectiveness of the electronics countermeasures system.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603253F Advanced Avionics Integration;X-7-10;
Defines advanced system avionics architectures for application in current and future strategic and tactical aerospace vehicles. Develops and demonstrates emerging technologies in cockpit automation/integration, information fusion, artificial intelligence/expert systems, advanced reconnaissance strike radar, advanced navigation, information processing, and employs advanced architectures to integrate these subsystems with electronic warfare, flight control, weapon delivery, identification and engine management subsystems. Focuses on

displays, buses, software, processors and architectures required to blend, integrate and automate avionics functions to allow the pilot and his weapon system to effectively perform complex in-weather combat missions and survive in the face of the increasing threat with enhanced avionics sustainability (reliability, availability, maintainability and supportability) and lower cost of ownership.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603254F Derivative Engine Technology Insertion Program;X-92-3;;
Includes RDT&E funds to support user's propulsion needs and maintain military engine industrial base by bridging gap between advanced technology development push and well-defined user need technology pull; maintains development efforts on advanced technologies at a reasonable level and continues to evaluate their applicability through specific engine demonstrations and tests. Provides for risk reduction development of advanced propulsion technologies for future engine applications, such as the Multirole Fighter (MRF).

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603256F CV-22A (H);X-92-3;
RDT&E funds for Air Force participation in the TRI-Service tilt rotor program. These funds will contribute to development of rotor systms, flight controls, and advanced structures of interest to the Air Force. Potential USAF applications include combat rescue, special operations, and TACS support presently performed by H-53 helicopters.

Excludes military and civilian manpower and their related cost and military construction costs which are included in appropriate management and support elements in this program.

0603258F Common Strategic Rotary Launcher (H);X-7-04;
This progran provides for development of a Common Strategic Rotary Launcher (CSRL) for employment on the B-52, B-1B, and Advanced Technology Bomber. The single design has the potential of reducing four or more launcher design programs to one. Capabilities of the CSRL include carriage of all strategic nuclear missiles and gravity weapons programmed for employment in the three bombers as well as growth missiles to include conventional standoff. The program consists of preliminary/final design, tradeoff studies and analysis, critical technology component testing and CSRL fabrication and test.

Excludes flight testing of the developed hardware.

0603259F Cartographic Application for Tactical and Strategic Systems (H);X-7-10;
Includes RDT&E funds for advanced development to define and refine applications of digital cartographic data to a broad spectrum of Air Force tactical and strategic requirements. Air Force requirements for digital cartographic data will be defined. Cost effective organic (multi-system) digital cartographic data bases will be implemented and applications software will be developed and provided to operational users. This advanced development will permit exploitation of the Defense Mapping Agency's digital data base to enhance Air Force mission planning, threat analysis target folder preparation, interdiction, guidance, navigation and cockpit displays. The CATSS

program will demonstrate whether or not digital cartographic information will significantly improve the accuracy and ability of tactical and strategic Air Force systems to perform their mission.

0603260F Intelligence Advanced Development;X-5-09;
This program element develops and demonstrates advanced technology for intelligence systems capabilities and techniques to support tactical and strategic combat commanders and National Command Authority (NCA) needs for timely and all-source intelligence information. The program objectives are to expand and improve data storage, retrieval and handling capabilities; satisfy needs for near-real-time data processing, exploitation and dissemination from present and future advanced sensors; and to develop improved analytical techniques and training systems to support the Intelligence mission. The program will be oriented toward specific shortfalls and deficiencies as defined by Air Force major commands (MAJCOMs), unified and specified (U&S) commands, and scientific and technical (S&T) Intelligence organizations. In addition to ongoing efforts in advanced imagery exploitation; data correlation; targeting support and artificial intelligence, new initiatives will address time critical deficiencies in the areas of unit automation and workstation development; indications and warning (I&W) and event/crisis management; camouflage, concealment and deception (CC&D) and adaptive targeting; aerospace threat assessment, and integration of off-the-shelf and emerging technologies to intelligence problems. New tasks will be added and prioritized as user requirements are defined. The program involves evaluation of advanced systems concepts, systems engineering and software development, and fabrication of advanced development models for test and demonstration.

Excludes Civilian and Military Manpower authorizations and costs and Military Construction Costs.

0603261F Pave Runner Advanced Development (H);X-92-4;;
This is a special access program. Access will be granted on a strict need-to-know basis only.

Excludes military and civilian manpower and their related costs.

0603265F Long Range Conventional Cruise Missile;X-8-04;
Includes RDT&E funds for development of a long-range conventional cruise missile. Specifically, the funds will be used for a cruise missile advanced propulsion demonstration focusing on propfan propulsion technology and allow for continued work on guidance and terminal homing for a long-range conventional cruise missile resulting in a demonstration/validation program.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603269F National Aero Space Plane Technology Program;X-6-04;
Includes funds for the maturation of technologies needed for the development of an aerospace vehicle capable of sustained hypersonic flight in the atmosphere or direct insertion, single stage from horizontal takeoff, into orbit. These technologies include advanced propulsion concepts such as RAMJET/SCRAMJET; high temperature, high strength to weight materials; advanced computational techniques for integrated vehicle and engine design; and numerous other technologies such as fuels management, avionics, etc. Engine modules will be built and tested, airframe components will be built and tested, and in FY 88 a technical evaluation will be made on the feasibility

of constructing and flying an experimental vehicle. The X-vehicle will validate the technologies and provide a basis for possible new generation of hypersonic aerospace planes with military and civilian applications.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in the program.

0603270F Electronic Combat Technology;X-95-2;
Includes RDT&E funds to provide advanced development of next generation warning and countermeasures equipment, command, control, and communication countermeasure devices and advanced multi-spectral decoys for self defense. These efforts form the technical base which supports multi-command aircraft and modifications and furnishes technology for new aircraft self-protection system development.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603301F Advanced RAMJET Missile Propulsion (H);;

0603302F Space and Missile Rocket Propulsion;X-3-06;
Includes RDT&E funds to evaluate advanced rocket propulsion system options providing increased tactical and strategic weapons system effectiveness. This program provides an assessment of performance, cost, reliability, and service life of advanced development technology to the system developers and users. Technology advancement is carried out in three mission oriented areas: air-launch missiles, space systems, and ballistic missiles.

Excludes civilian and military manpower and their associated costs and military construction costs which are included in appropriate management and support elements in this program.

0603304F Air Force Support to SDIO - Reimbursable (H);X-92-3;
Includes civilian authorizations and the associated costs specifically identified for AF support of the five Strategic Defense Initiative (SDI) program elements: Surveillance, Acquisition, Tracking and Kill Assessment; Directed Energy Weapons; Kinetic Energy Weapons; System Concepts and Battle Management/C3; and Survivability, Lethality, and Key Support Technologies. Funds are reimbursable from SDIO.

Excludes military construction costs which are included in appropriate support elements of this program.

0603305F Advanced ICBM Technology (H);X-80-004;
Includes RDT&E funds to provide the technology for improving the capability or extending the useful life of existing Intercontinental Ballistic Missile (ICBM) systems and to provide the technology base for the development of future ICBM systems or subsystems.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603306F Defense Suppression Weapons Advanced Technology (H);X-5-03;
RDT&E funds for advanced development and demonstration, through captive and free flight tests, of weapons and components of weapons which will damage or destroy radar air defense systems which threaten tactical aircraft. Future projects for advanced development and testing may include a weapon for longer ranges which is unaffected by primary radar shutdown. This effort leads into PE 0604302F, Defense Suppression Weapons Engineering Development.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603307F Air Base Operability Advanced Development;X-7-10;
This program will focus, integrate, and control the planning and technology for development, test, and acquisition efforts directed towards providing an Air Force Air Base Operability System consisting of hardware, procedures, and techniques to sustain sortie generation capability in the event of air base attack. Maximum advantage of existing laboratory programs will be used to define and develop subsystem technologies. This program will cut across technical disciplines and integrate subsystems. Major thrusts will be directed towards near-term, mid-term, and far-term solutions. In addition, special and peculiar needs of various theaters of operation will be addressed, including those needs peculiar to the Rapid Deployment Forces.

Excludes civilian and military manpower authorizations and their related costs.

0603308F Strategic Missile Modernization;X-93-4;;
Funds system demonstration and validation efforts to determine feasibility and assessment of operability/productibility for modernization. Program includes demonstration and validation portion of Minuteman III Guidance Replacement Program Phase II.

0603309F Reinforced Grain Solid Rocket (H);;

0603310F High Energy Solid Propulsion Rocket Motor (H);;

0603311F Ballistic Missile Technology ;X-92-4;;
Ballistic Missile Technology (BMT) develops and demonstrates fully integrated, synergistic technologies for new and existing strategic missile systems. Emphasis is on technologies which provide low cost, low maintenance, increase reliability, and increased performance and survivability. Demonstration of integrated technologies is essential to verify real world benefits/payoffs of the integrated systems and to reduce technology transition risk. Through BMT, the Air Force coordinates ICBM research and development efforts in various laboratories, performs technical tradeoffs, develops experimental hardware, and conducts ground and flight testing. The former Advanced Strategic Missile System, 6.3B advanced development program was restructured into this 6.3A advanced technology development program.

0603312F Advanced Concepts (H);X-92-3;
Classified program. Details will be granted on a strict need-to-know basis only.

0603314F Strategic Laser Systems Technology (H);X-6-01;
Includes all RDT&E funds to develop a ground based laser system for military applications in the late 1980s and includes investigation of other potentially promising technologies and basing modes to accomplish the mission. This program is complementary to the ARPA portion of the DOD Ground Based Laser Program.

This PE contains all efforts to support the following tasks:

Space based laser concept/system issue analysis, space laser technology development; ground based laser concept/system issue analysis, space laser technology development; and ground based laser technology development.

This program will support a mid-1980s technology selection process for near-term and far-term military missions (technology validation prototype), and will support the potential initiation of engineering development in the late 1980s, with a mid-1990 IOC. This program will be executed by AFSC in conjunction with ARPA. The Strategic Laser Systems Technology Program technology efforts are coordinated with, but exclude the ARPA TRIAD (PE 0603605F) and laser technology efforts in PE 0602601F.

Excludes civilian and military manpower and their related costs and military construction costs which are included in approrpriate management and support elements in this program.

0603315F Advanced Short-Range, Air-to-Air Missile (ASRAAM) System Technology (H);X-80-004;
Includes RDT&E funds to allow the Air Force to investigate new and innovative approaches to short-range, air-to-air missiles and their major subsystems. This systems oriented program element will place special emphasis on reducing systems cost and burden of ownership and will be directed toward accomplishing specific system design, integration, and test of demonstrated subsystem component technology, such as guidance and control, warheads, fuzes, and rocket motors.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603317F Theater Ballistic Missile (H);X-5-03;
Includes R&D funds to be used for concept development and validation of a ballistic missile for in-theater use. This missile will be nuclear armed with multiple launch mode options, including ground mobile, fixed and air mobile.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603318F Counter SUAWACS Technology Program (H);X-6-01;

Includes RDT&E funds to develop lethal and non-lethal alternatives to counter the projected SUAWACS threat. Alternatives to be examined include air-to-air guidance development, communications jamming, and electronic countermeasures. This program, formally called ASALM, will continue to examine integral rocket ramjet and solid propellant technologies.

0603319F Airborne Laser Technology;X-93-2;;

0603320F Low Cost Anti-Radiation Seeker (H);X-94-1;
Includes funding for the RDT&E of the Lower Cost Seeker (LCS) which is a joint Navy/Air Force program to develop a lower cost replacement seeker for the current HARM seeker. The effort involves a new technology approach to simplify the seeker, yet return full HARM performance in a form and fit functional replacement. Program expectations are to incorporate LCS into HARM as a limited ECP in FY 89 procurement based on limited DT&E and concurrent with a scaled back OT&E.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603321F Bell Weather (H);X-92-4;;
This is a special access program. Access will be granted on a strict need-to-know basis only.

No manpower included.

0603363F Armament Technology Integration (H);X-95-2;
Project 2718, Hypervelocity Missile, funds a concept demonstration of a missile system designed to kill a wide variety of vehicular targets, including armor. It provides RDT&E funds to conduct a joint ground launch demonstration with the Army and Marine Corps to include multiple missiles launched at multiple targets. This will be followed by an Air Force air-launched demo. Project 3254, Advanced Missile Technology Integration, will integrate emerging missile technologies for medium range missiles, then demonstrate their performance and payoff potential through hardware-in-the-loop simulations and limited flight tests.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in the program.

0603364F Short Range Attack Missile II (SRAM II) - Adv Dev (H);X-92-3;
Includes RDT&E funds for the development of a second generation short range attack missile to supplement then replace the decreasing SRAM inventory.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603367F Relocatable Target Capability Program (H);X-94-1;

RDT&E funds to provide the vehicle for an orderly development of Imprecisely Located Target/Relocatable Target (ILT/RT) sensors. This program will be used to identify, study and demonstrate technologies/techniques with potential application to the ILT/RT mission. Studies will include evaluation of carrier and weapon characteristics as well as the supporting C3 necessary to hold ILTs/RTs at risk.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603368F Air Defense Battle Management Technology (H);X-93-4;;
Develops and demonstrates technologies for managing intercept and negation of bomber and cruise missile threats to North America. Studies and feasibility demonstrations will address individual and system level (North American perspective) capabilities for application to systems deployable in the same time frame as ballistic missile defense systems (developed by the Strategic Defense Initiative program). Principal objective of this program is to provide technologies which can extend the tactical warning/attack assessment command and control structure to provide integrated management of combat and support forces engaging atmospheric threats.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements of this program.

0603369F Cruise Missile Engagement Systems Technology (H);X-93-4;;
Develops and demonstrates technologies for intercept and destruction of bomber and cruise missile threats to North America. Studies and feasibility demonstrations will address individual and system level capabilities of alternative weapons and platforms for long-range, rapid, and repeated engagements (over a large battle area) of threats to North America. Will concentrate on systems deployable in the same time frame as ballistic missile defense systems (developed by the Strategic Defense Initiative program). Technologies will address the unique problems of interception and destruction of bombers and cruise missiles.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements of this program.

0603370F Advanced Medium-Range, Air-to-Air Missile (AMRAAM) (H);X-5-03;
Includes RDT&E funds to develop a SPARROW follow-on missile of significantly improved performance, operational utility, and combat effectiveness. This joint Air Force/Navy program is funded by both Services to provide a common air-to-air missile compatible with the F-14, F-15, F-16, and F-18. The development is guided by the Mission Element Need Statement (MENS) and the Joint Service Operational Requirement (JSOR).

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603401F Advanced Spacecraft Technology;X-3-02;
Defines, develops and demonstrates new or improved space vehicle subsystem concepts or prototypes. Primary goals are to increase satellite survivability, autonomy, reliability, performance and lifetime. Secondary goals are to accomplish primary goals with lighter, lower power, less complex, more economical subsystems than currently exist.

Provides military space programs with fully developed and proven subsystems to advance space program capabilities while minimizing costs, schedule performance risks. Provides advanced space technology planning through the Military Space Systems Technology Model.

Excludes military and civilian manpower and their related costs and military construction costs which are included in appropraite management and support elements in this program.

0603402F Space Test Program;;
Includes RDT&E funds for the test and evaluation of advanced development equipments and certain operational spacecraft contributing to new or improved DoD space systems.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603403F Aerospace Research (ARSP) (H);;

0603404F Satellite Balloons and Rockets (H);;

0603405F Large Solid Propellant Motor (H);;

0603407F Space Objective Surveillance, Tracking and Identification (H);;

0603408F Advanced Liquid Rocket Technology (H);;

0603409F Defense Subsystem Development and Demonstration (H);;

0603410F Space Systems Environmental Interactions Technology;X-1-003;
These RDT&E funds will be used to perform space environmental simulation testing. Computer code design tools will be prepared and validated. Space system environmental effects Military Standard for design will be developed. Interactions measurement payload will be defined/developed for flight on the Shuttle/IUS and large space systems. Engineering data analysis/interpretation will provide quantitative data for Space System Military Standard design/test documents. A charge control system will be developed for flight test on the shuttle.

Excludes civilian and military manpower and military construction cost which are included in appropriate management and support elements in this program.

0603411F Space Shuttle (H);X-5-03;
Includes RDT&E funds for the contractual effort managed by the Space and Missile Systems Organization of the Air Force Systems Command. Funds may be used for supplies and equipment peculiar to the program.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603413F Program 626 (H);;

0603414F Space Test Electric Propulsion (H);;

0603415F Space Power Unit (H);;

0603417F Advanced Solar Turbo Electric Concept (H);;

0603418F DYNASOAR (H);;

0603419F GEMINI (H);;

0603420F Program 706 (H);;

0603421F NAVSTAR Global Positioning System (H);X-80-004;
Includes RDT&E funds to support the development of the Defense Navigation Satellite System (DNSS). The DNSS will utilize satellites operating in conjunction with accurately located ground stations to supply information to the system users which will allow determination of continuous, precise, three-dimensional position and velocity data, and precise time data.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603424F Cruise Missile Surveillance Technology (H);X-91-2;

Includes RDT&E funds to develop and demonstrate advanced, space-based cruise missile surveillance sensors and system components. This program will explore radar, infrared, and optical technologies for application to cruise missile detection. Selected technologies will be transitioned from laboratory development to system concept demonstration, to provide a confident basis for future full scale development decisions. In addition, this program will provide the real time mission planning and data analysis for the Teal Ruby program. Teal Ruby is a joint Air Force and ARPA p rogram that will provide the initial demonstration of a space-based infrared sensor to detect aircraft and cruise missiles.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603425F Advanced Warning System (H);X-95-2;
RDT&E funds to support design and development of a survivable first generation improved performance space based infrared mosaic sensor satellite network to provide high confidence strategic missile warning and assessment of the nature of an attack against the United States. The satellites will be survivable in the face of high energy laser and collateral nuclear weapons effects. Extensive on-board data processing will permit design of a data network that will transmit data directly to the NCA even in the presence of electronic jamming, nuclear scintillation effects, or sabotage against ground communications links.

Excludes civilian and military manpower and their related costs.

0603428F Space Subsystems Technology ;X-92-4;;
Beginning in FY92, this PE was restructured into a 6.3A advanced technology development program (based on the 2 Nov 90 ADM for Space Based Wide Area Surveillance). The PE includes efforts to identify and quantify the space environment impact on surveillance and technology development for space phased array and signal processing. Technologies to be developed include algorithms for signal processing, sensor components, and experimental payload development and integration. Key experiments will integrate radar and infrared technologies to provide an understanding of the synergistic advantages and the requirements/effects on the many spacecraft subsystems.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603429F Warning Information Correlation (H);X-93-4;;
Includes RDT&E funds to provide analyses, research, and development to enhance tactical warning and attack characterization capabilities. The goal is to ensure timely warning and to furnish additional flexibility through increased decision time, additional options, and earlier availability of highly credible, easily understood information. Activities include studies of both existing and future missile surveillance and Nuclear Detonation (NUDET) detection systems to develop operational procedures and improvements that will optimize their contribution to tactical warning and attack characterization. Software is developed for the Command Center Processing and Display System (CCPDS) that will correlate and integrate the information from various sensors to produce a single common display at four national command centers (National Military Command Center, Alternate National Military Command Center, Strategic Air Command (SAC), and North American air Defense Command). Software simulators are developed for the missile surveillance radars, the NUDET sensors, and the attack characterization function itself. These simulators, in conjunction with the one already available for the Defense Support Program (DSP), are used to develop and refine the Target Class Assessment (TCA) software using several realistic attack scenarios. Later the

simulators will be abbreviated to provide easy-to-use training and exercise capability for the command centers. In the near future there will be seven sensor systems (DSP, Ballistic Missile Early Warning System (BMEWS), COBRA DANE, PAVE PAWS, FPS-85, SAFEGUARD Perimeter Acquisition Radar, and Integrated Operational NUDET Detection System), and command center personnel will not be able to read and interpret the data in real time. During an attack, the TCA algorithm will combine and correlate the data from the sensors with data on targets and produce an output that efficiently describes the nature of the attack. The present software for the CCPDS was designed for tactical warning and is entirely adequate for that purpose.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management support elements in this program.

0603430F Advanced MILSATCOM;X-94-3;;
Includes demonstration and validation efforts to support development of the follow-on satellite to the Milstar II program. This system will provide the capability for survivable, Jam-resistant, worldwide, secure communications for strategic and tactical warfighters.

0603431F Space Communications (H);X-91-2;
Includes RDT&E funds to provide communications to the National Command Authorities (NCA) and the Commander in Chiefs (CINCs) for the command and control of the Single Integrated Operation Plan (SIOP) forces throughout all phases of a general or limited war. The effectiveness with which our SIOP forces can be employed will be greatly enhanced by survivable global communications which permit continual force direction, internetting among the CINCs and Advanced Airborne Command Posts (AABNCPs), and two-way communications with the strike force. Present or programmed systems do not provide this capability; communications satellites offer the potential to satisfy this critical requirement. The Advanced Space Communications Program develops the technology base needed to implement survivable satellite communications that can be deployed in the mid-1980s and evolve through the early 1990s. The projects are: Project 1227, Terminal Segment Technology, will develop and demonstrate advanced airborne terminal subsystems and techniques to ensure force element compatibility with increased satellite capabilities; Project 2028, Space Segment Technology, will develop and demonstrate techniques, components and subsystems to enhance the electromagnetic and physical survivability of DoD communications satellites in global employment; and Project 2029, systems analyses/demonstrations, accomplishes preliminary system analyses from which future airborne, ground, and space requisite technologies can be identified. A preliminary concentration of these systems analyses will be future military satellite communications system solutions for the strategic and tactical/mobile forces.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603432F Polar Adjunct;X-94-3;;
Includes demonstration and validation efforts to support development of a less capable, less expensive adjunct that will be compatible and interoperable with Milstar and will provide northern latitude satellite communications coverage.

0603433F Defense Satellite Communications System Replenishment;X-94-3;;
Includes demonstration and validation efforts to support development of a follow-on satellite to the current DSCS

III. The DSCS Replenishment program will provide super high frequency (SHF) MILSATCOM service. DSCS-R will extend the current DSCS III service, provide evolutionary changes to DSCS III design, and increase support to the small tactical and mobile users.

0603434F National Polar-orbiting Operational Environmental Satellite System - Dem/Val;X-95-1;
Includes demonstration and validation development efforts to support the DoD/DoC/NASA converged weather satellite program directed by Presidental Decision Directive NSTC-2, 8 May 1994. NPOESS will be a single national program for satisfying both civilian and military operational requirements for visible and infrared cloud imagery and other meteorological, oceanographic, and solar-geophysical information to effectively employ weapon systems and to protect national resources. This program is the follow-on satellite to DoD's current Defense Meteorological Satellite Program (DMSP) Block 5D-3 design.

0603435F Integrated Operational NUDET Detection System (H);X-93-4;;
Includes RDT&E funds for advanced development program to develop an integrated system for improved nuclear-burst detection and location using a combination of sensors on satellites and dedicated readout terminals. The IONDS will be designed to survive so that it can provide accurate damage assessment during trans- attack and post-attack periods with a minimum of data loss to nuclear detonations. This program will be based on the technology developed under PE 0603424F, Missile Surveillance Technology, through FYTQ; in this program element during FY 1977; and in PE 0102433F, Missile Operational NUDETS Detection System, thereafter. The IONDS is being developed to satisfy both requirements of the National Command Authority and the Unified/Specified Commanders.

Excludes civilian and military and related costs which are included in appropriate management and support.

0603437F HAVE DJINN (H);X-91-2;
This is a special access program. Details available on a need-to-know basis.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603438F Satellite Systems Survivability;;
This program will enhance the survivability of U.S. military satellites through the use of attack identification techniques, self-defense, and mission deception techniques. Nuclear hardening and ground station survivability are not a part of this program element. On-board satellite sensors will be developed which will identify that an attack on a satellite is in progress or has occured. When integrated with the space surveillance activities, it will reduce the possibility of an enemy clandestine attack on U.S. military satellites and will provide the NCA sufficient information to exercise military and/or political options to prevent an attack, or respond to the results of an attack, and to exercise responsive countermeasures. The signatures of a satellite will be controlled to decrease the enemy's probability of satellite detection and mission identification so that all U.S. military satellites appear as a threat, and, thus, enemy counteractions become uneconomical.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603439F Advanced Space Application Program (H);X-5-03;

Includes RDT&E funds for the Advanced Space Applications Program which will develop systems that provide for global military operations without the need for overseas basing. Objectives of these systems are to provide multiple mission support and integrated command and control to force commanders during various levels of hostilities. Applications are divided into two areas: Use of IR techniques for detection of enemy systems; and use of space-based radars for multiple mission support. Starting in FY 1978, this program will perform the following IR related tasks: Gather target measurements, particularly in the auroral zone, to determine the structure of the radiated signal for use in detailed sensor design; develop a system concept; develop data processing algorithms; and develop a flight-qualified sensor. Also starting in FY 1978, space-based radar tasks will be performed as follows: Define a system concept; institute a limited technology effort for critical subsystems; and conduct a prototype demonstration.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603440F Brilliant Eyes;X-94-3;;
Includes resources to support research, development, procurement, and support of a space-based infrared sensor system capable of surveillance and tracking to support multiple missions, including Ballistic Missile Defense, Space Surviellance and Tactical Warning/Attack Assessment.

0603441F Space Based Infrared Architecture (SBIR) - Dem/Val;X-95-1;
Includes demonstration and validation development efforts to support the Space and Missile tracking System flight demonstration system which will prove critical technology and processing for use of Low Earth Orbit infrared satellites. Also included is a flight experiment, Cobra Brass, designed to answer questions on multi-spectral utility and correct selection of medium wave infrared bands.

0603452F Very High Speed Integrated Circuits (H);X-92-3;
Includes RDT&E funds to support advanced development of Very High Speed Integrated Circuits (VHSIC) as part of the DOD VHSIC effort. Large scale, high speed integrated circuits will be designed, fabricated, tested. The state of the art integrated circuits will be demonstrated in a subsystem or subsystems to be mutually agreed upon by the DOD and the contractor(s). Further, integrated circuits representing a jump in the state of the art will be designed, fabricated and tested. This is intended to lead to use of VHSICs in military systems approximately five years earlier than would be the case if this Tri-Service effort were not done.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program. Also excluded is exploratory development work in this effort.

0603453F Nuclear Systems Development (H);X-92-4;;
Allows for an advanced development program at AFWL in nuclear hardening of AF Systems and nuclear weapon safety and security (surety). This effort would consist of four projects covering survivability of aeronautical and missile systems, ground based systems, space systems and nuclear weapons surety. This effort provides the technology necessary to support AFR 80-28, Management of the Air Force Systems Survivability Program. It also supports the policy outlined in DODI 4245.4, Acquisition of Nuclear Survivable Systems, which states that "nuclear

survivability and hardness features shall be included in the design, acquisition, and operation of major and nonmajor systems that must perform critical missions in nuclear conflicts." Technology is developed in the following areas:

Aeronautical and Missile Systems Survivability; EMP Specifications and Standards; Hardness Maintenance Ground Based Systems Survivability; Space and C3 Systems Survivability; Nuclear Weapons Surety and Safety.

Excludes civilian and military manpower authorizations and military construction costs which are included in appropriate management and support elements in this program.

0603601F Conventional Weapons Technology;X-92-4;;
Includes RDT&E funds to provide the Air Force with improved conventional munitions through advanced development efforts designed to prove the feasibility of promising subsystems and integral weapon concepts. Development efforts include fabrication of prototype hardware, demonstration test, cost effectiveness and utility analyses, and preparation for engineering development. Program includes conventional weapons advanced development and weapons guidance technology projects which were originally separate program elements. Other projects included are air-to-surface weapons integration, optical weapons delivery systems modular armament technology, and air-to-air technology.

0603604F Chemical Warfare Weapons (H);;

0603605F Advanced Weapons Technology;X-95-2;
Develops technology for (1) advanced directed energy weapons, such as High Energy Lasers (HELs) and High Power Microwaves (HPMs), and (2) hardening AF systems against nuclear effects and protecting AF nuclear assets. The program demonstrated successfully the practicality of HELs in short range applications. The program will develop technology for small-sized, short wavelength (the key to technology transition) lasers to allow weaponization of HELs for AF tactical and other broad-based generic applications. The major effort is the Phased Integrated Laser Optics Technology program leading to a series of near-term demonstrations. The program develops HPM technology, such as high energy pulse power drivers for repetitive-pulsed HPM sources, and test facilities for tactical HPM weapons to investigate the effects of single and multiple pulses on military assets. The technology for nuclear hardening of AF systems and nuclear weapons safety and security (surety) will be developed. The three years of emphasis within nuclear hardening are: Aeronautical and Missile System Survivability, Groundbased System Survivability, and Space System Survivability. Nuclear surety efforts include: Weapon Systems Security and Assessment, C3, and Support for New Systems.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603606F Aerial Gun System (H);X-80-004;
The SEA war demonstrated the need for a gun in air-to-air combat to complement the various types of modern guided missiles. The gun is required for close-in combat and when enemy countermeasures deny the effective use of infrared or radar missiles. The work planned under this program element will include system analysis, selection of system characteristics, and development of a gun system, including ammunition and flight test, that will be

superior to the current 20mm M61 gun system from the standpoint of weight, effectiveness, and compatibility with new and future aircraft. The new system will be optimized for air combat against highly maneuverable aircraft.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603607F F-4 Modernization Demonstration (H);X-8-04;

0603609F Millimeter Wave Seekers (H);X-92-3;
Includes RDT&E funds to conduct advanced development and feasibility demonstrations leading to an improved tactical capability for air-to-surface guided weapons.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603616F Advanced Assault Breaker Development (H);X-5-03;
Includes: RDT&E funds to support the demonstration of an integrated strike capability against second echelon armor in all weather conditions. The objective of the demonstration is to prove the feasibility of vectoring a low flying fighter aircraft loaded with WAAM munitions, to a tank target array by the PAVE MOVER radar. This demonstration will occur in late FY 81 after the Assault Breaker surface-to-surface and air-to-surface stand-off missile demonstrations.

Excludes: Civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603617F Command, Control, and Communication Applications;X-8-06;
Provides RDT&E funds for rapid transition of developments in the Science and Technology base to existing C3 programs or directly to warfighting commands. Content structure is directly responsive to operations requirements for improved battle management, communications, and surveillance capability. Takes advantage of advanced technology developments throughout the services and industry as well as off-the-shelf technology. Products are primarily software, advanced development models, and rapid prototyping efforts.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603701F Overland Radar Technology (H);;

0603702F Over-the-Horizon Radar Technology (H);;
Includes RDT&E funds for the development and test of both forward-scatter and backscatter over-the-horizon radar

techniques operating in the high frequency band.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603703F CONUS Over-the-Horizon Radar (H);X-5-03;
Includes RDT&E funds for development of a radar system to provide early warning of an enemy bomber attack on North America. Plans are to build two radars, one each on the northeast and northwest coasts of CONUS. The initial effort is to develop and test a limited coverage prototype radar in the northeast. Also provides for over-the-horizon technology risk reduction efforts and for engineering and test support required to adapt the prototype results to the follow-on operational sites.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603704F Manpower and Personnel Systems Technology (H);X-7-10;
These RDT&E funds will be used to develop promising technologies to meet USAF needs for skilled people to employ, operate, maintain, and support increasingly complex weapon systems. Development efforts will be directed at optimizing training by identifying optimal mixes of on-the-job training and technical training; validity personnel selection procedures and job entry-level standards; determining trade-offs of personnel quantity, quality and training under varying surge and draw-down scenarios; making effective use of airmen with marginal skills and aptitudes; and understanding the labor markets so the Air Force can quantify the impact on personnel acquisition and retention.

Excludes military and civilian personnel and their related cost and military construction cost which are included in appropriate management and support elements in this program.

0603705F Low Life Cycle Cost Avionics (H);X-1-007;
This program has two main objectives: The first is to develop reliable, low life cycle cost avionics. The second is to contribute to meeting future strategic avionic requirements. The program will work to increase the effectiveness of strategic aircraft offensive weapon systems while reducing the system support costs, and will provide avionics to meet increases in enemy threats after the mid-1980's. The stated Strategic Air Command requirements for increased navigational accuracy and reduced Circular Error Probable to meet national targeting policy will be used for program guidance. These same requirements were used in the Low Life Cycle Cost Avionics Study which defined the outyear system and made recommendations for a prototype program. Any large integrated avionic suite prototype efforts are now delayed until after the immediate efforts on B-52 avionics update are completed.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603706F Heartline Demonstration Program (H);X-5-03;
Includes contractual and in-house support dollars required to develop a prototype cardiovascular disease

prevention system for Air Force personnel.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603707F Weather Systems Technology;X-92-4;;
Includes RDT&E funds for Advanced Development of Systems and Techniques to provide Weather Service to USAF and U.S. Army.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate Management and Support elements.

0603709F LORAN-D (H);;

0603713F Tri-Service Lightweight Tactical Radar (H);;

0603714F DoD Physical Security Equipment - Exterior;X-78-008;
Includes peculiar and support equipment, necessary facilities, and the associated costs specifically identified and measurable to RDT&E funds to develop a family of equipment for integration into standardized Exterior Physical Security Systems tailored for individual DoD bases and installations. Equipment development is primarily concentrated in, but not limited to, the functional areas of detection (sensors), imaging, entry control, and the command and control elements pertaining thereto. These equipments are applicable to exterior physical security requirements encountered worldwide by the military services and other DoD components. These may include physical security equipments which are subsystem components of major systems within USAF and DoD programs. The program objective is to perform system/equipment validation (advanced development) of various elements of the above subsystems resulting in their evaluation/selection as candidates for entry into full scale (engineering) development under PE 0604715F. In addition, a minimum level of PE 0603714F funding will be maintained to monitor the state-of-the-art and insure continuous improvements/update of deployed equipment/systems; support nonsystems-oriented advanced development of exterior physical security technology at government laboratories/centers coupled to the DoD Physical Security Equipment Exploratory Development (6.2) program being managed by the Defense Nuclear Agency.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603715F Reconnaissance Intelligence (H);;

0603716F Atmospheric Surveillance Technology (H);X-92-3;
Conducts mission assessments, develops an architecture for future air surveillance upgrades, and develops and

demonstrates technology in systems application to support improvements to the NORAD atmospheric surveillance capability. Studies and feasibility demonstrations will address individual and system level (North American perspective) capabilities for near term and future applications. Results of these efforts will be used to initiate specific full scale development programs and to update the DoD North American Air Defense Master Plan. Included are the full range of air defense missions from peacetime thru protracted war. Near-term technology development efforts include expanded capabilities for cruise missile detection, non-cooperative identification, and enhanced survivability surveillance systems. This PE will fund the technology for pre-planned product improvements (P3I) to atmospheric surveillance systems.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements of this program.

0603717F Technical On-site Inspection Program (H);X-94-1;

This is a program to design, fabricate and test a model of a technical on-site inspection (TOSI) system which could be used for demonstration to the Soviet Union during arms control negotiations. The TOSI sustem is a perimeter/portal monitoring system capable of observing and counting the flow of prospective treaty-limited components (e.g. rocket motors; assembled ballistic missiles) into and out of treaty-designed locations. It will also design; develop; acquire; integrate; and test the system (including the construction and operation of a full scale test facility). Two military manpower authorizations are incluced to provide oversight and management of contractor activities.

0603718F Electronic Warfare Technology (H);X-8-04;

Includes RDT&E funds for the development of element-optical warfare techniques and equipment to degrade the effectiveness of enemy visually-aimed or electro-optically directed weapons systems; electronic warfare techniques and equipment to degrade the effectiveness of radar and electronic equipment used in an enemy command and control structure or associated with specific terminal weapons; and reconnaissance and target acquisition techniques and equipment to reduce the effect of such factors as night and weather and to reduce time delays between target detection and read-out.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603719F Simulator for Air-to-Air Combat (H);;

Includes RDT&E funds to develop a prototype simulator which can be used to train pilots for aerial combat.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603720F Survivable Command and Control Communications (H);;

0603721F Lightweight COIN Radar Technology (H);;

0603723F Environmental Engineering Technology;X-95-2;
Includes RDT&E funds to provide advances in civil engineering, environmental quality, and facilities energy technology essential to meet current/future Air Force mission requirements and to enhance survivability of tactical and strategic forces.

Excludes authorized civilian and military manpower and related costs and military construction costs which are included in appropriate Management and Support elements in this program.

0603726F C3I Subsystem Integration;X-7-10;
Includes RDT&E funds for fiber optics, C3 architectures, digital mapping, geodesy, and high density data optical storage technology. Specific programs include identification of standards for fiber optic cables, connectors, receivers and multiplex devices, development of wideband communications subsystems, development of C3 architectures for tactical air control systems and subsystems, development of digital cartographic data base specifications and applications software to exhibit the digital data bases within Air Force systems and development of extremely high density optical disc data storage.

Excludes civilian and military manpower and related costs which are included under appropriate management and support elements in this program.

0603727F Advanced Communications Technology (H);X-7-10;
Includes RDT&E funds to develop a secure, jam-resistant, time-ordered, digital air-ground-air and air-air communications system which could effectively connect ground mission control, command and control, and air traffic control centers with weapons systems and support aircraft. A long-term objective is to provide a single family of avionics equipment that would unify the functions of communications, navigation, and identification.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603728F Advanced Computing Technology;X-92-4;;
Includes RDT&E funds to develop, demonstrate, and evaluate hardware and software techniques for improving capabilities of future USAF data processing systems. Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603729F Helicopter-Borne Radar (H);;

0603731F Advanced Detection System Development (H);X-5-03;
Includes RDT&E funds for development projects which permit practical use in the Atomic Energy Detection System

(AEDS) of new scientific sensors and analysis techniques. The scientific areas include seismology, acoustics, radiation in various parts of the spectrum, and environmental composition and contaminants.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603732F Project MALLARD (H);;

0603735F WWMCCS Architecture (H);X-9-05;
Includes RDT&E resources in support of the DoD World-wide Military Command and Control System (WWMCCS) architecture activity and internal (departmental) studies related to the overall DoD effort. Specifically includes studies and analyses dealing with WWMCCS architecture, systems engineering for broad command and control system, and WWMCCS/ tactical command and control interface.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603738F ADI Surveillance Technology (H);X-92-4;;
Conducts mission assessments for surveillance of cruise missiles and low observable air vehicles and develops and demonstrates advanced ground-based, airborne, and space-based surveillance sensors and system components. Selected technologies will be transitioned from the laboratory to system concept demonstrations in the operating environment to provide a confident basis for future full scale development decisions. The full range of air defense missions from peacetime through protracted nuclear war will be considered. Surveillance technology efforts will include expanded capability for cruise missile detection, non-cooperative identification, and enhanced survivability. In addition, this program will provide the real time mission planning data analysis for the Teal Ruby program. Teal Ruby is a joint Air Force and ARPA program that will provide the initial demonstration of a space-based infrared sensor to detect aircraft and cruise missiles.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603739F Advanced Drone/Remotely Piloted Vehicle Development (H);X-5-03;
This program element provides for advanced development of systems and subsystems for Air Force drones and remotely piloted vehicles. The Tactical Air Forces have identified a need for low cost expendable drones for defense suppression including a requirement to investigate advanced sensor and seeker types to enhance and further exploit the mission capability of expendable drones. The Special Projects/Mini-Remotely Piloted vehicles effort verifies the military applications of advanced subsystems including sensors/seekers to enhance the cost effectiveness and mission flexibility of mini-remotely piloted vehicles.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603740F Ground-Based Sensors Technology (H);;

0603741F Defense Suppression (H);X-5-03;
Includes RDT&E funds to conduct advanced development and feasibility demonstrations leading to an improved tactical capability for stand-off location and attack of surface-to-air defenses.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603742F Combat Identification Technology;X-1-005;
Includes RDT&E funds for advanced development of technology that can be used to provide reliable, long range identification of airborne targets in all-weather and hostile electromagnetic countermeasure environments. The numerical superiority of the projected threat demands a capability to engage the enemy at long ranges with current and planned beyond-visual-range weapons. This Program Element (PE) addresses complementary technological approaches for obtaining identification information (i.e., cooperative, noncooperative, and the integration of the two) to assure a high confidence identification capability over the wide range of conditions existing in tactical warfare situations. Work accomplished under this PE is part of an integrated Tri-Service effort, under the Air Force led Combat Identification System (CIS) Program to improve US identification capabilities worldwide.

0603743F Electronic Combat Technology (H);X-92-3;
Provides advanced development of electronic/electro-optical countermeasures (ECM) which are needed to allow USAF aircraft to penetrate current and expected Soviet/Warsaw Pact Air Defenses including television target tracking, heat seeking missiles, laser guided weapons, or expected directed energy weapons. Development also includes active and passive methods of degrading threat radars; missiles; and command, control and communication (C3) systems. Efforts include: (1) countermeasures to new Soviet radars immune to current jamming; (2) systems designed to analyze the expected threat environment of the late 80s and 90s and provide aircrew warning and countermeasures; (3) interim capability improvements to existing threat radar warning receivers; (4) C3 countermeasures to confuse enemy targeting and navigation systems; (5) warning and jamming of high frequency (millimeter wave) Soviet radars; (6) aircraft radar signature reduction concepts; (7) advanced ECM Systems to counter future threat environments; (8) ECM systems tailored to low observable aircraft; (9) decoys to counter improved heat seeking missiles and laser guided weapons; (10) aircraft optical and heat signature reduction to reduce threat effectiveness; (11) the only system to detect, provide warning; and aid weapon cueing against optical/TV aided threats or jam such threats; (12) aircrew warning and countermeasures for laser threats; and (13) missile approach warning systems.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603745F Chemical Warfare Defense (H);X-7-10;
This program element includes RDT&E funds to support advanced development of Chemical Warfare Defense systems with focus on aircrew protective ensembles and medical operations. The following efforts will be accomplished under this PE:

a. Development and OT&E of the next generation Chemical Defense respirator to provide enhanced eye and respiratory

protection without degradation in pilot performance.

b. Development of new geometry and materials for filters compatible with advanced oxygen systems.

c. Integration of Chemical Defense protective equipment into a new aircrew ensemble.

d. Provide an analysis of medical support in the Chemical Defense environment.

e. Development of personal protective cooling systems to reduce thermal burden of Chemical Defense gear.

Excludes Civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603746F Side-Looking Airborne Radar (SLAR) (H);X-5-03;
Includes RDT&E funds to develop and flight-test a substantially improved, all weather, high resolution Side-Looking Airborne Radar (SLAR). The system will be capable of detecting tactical targets at long stand-off ranges and over broad areas. It will be capable of detecting both fixed and moving targets and transferring data to a remote ground facility via data link, where the data will be processed into SLAR imagery and exploited.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603749F C3CM Advanced Systems (H);X-95-2;
Includes RDT&E funds for development and system feasibility demonstrations of promising new C3CM equipments to exploit, deceive, jam or destroy hostile communications, command and control systems. Work will include (1) long range planning and overall C3CM architecture development for both tactical and strategic applications, (2) investigations to develop new C3CM systems or improvements to fielded C3CM systems, (3) studies of future C3CM possibilities and (4) other C3CM activities deemed necessary. Resouces for continued Engineering Development effort for Tacical C3CM are contained in PE 0604724F.

0603750F Counter-Countermeasures (CCM) (H);X-7-10;
Includes RDT&E funds to develop advanced counter-countermeasures (CCM) capabilities to enhance the performance of aerospace equipments in conditions degraded by electronic/optical countermeasures (ECM/OCM). Basic CCM techniques will be defined and developed for both inherent design and selectable option approaches, for application as appropriate to state-of-the-art and existing equipments.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603751F Training Systems Technology (H);X-0-10;
Includes RDT&E funds directed toward the solution of hard core training problems. The current projects are Advanced Simulation in Undergraduate Pilot Training (ASUPT); Advanced Instructional System (AIS); Fully Proceduralized Job Performance Aids (JPAs); human resources data in weapon system development; pilot performance

measurement; training systems; maintenance trainer simulation; and computer-based maintenance aids.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603752F DoD Software Engineering Institute (H);X-0-05;
Includes manpower, computer support equipment, communications, physical facilities and operating costs associated with the creation and operation of the DoD Software Engineering Institute (SEI). Also includes activities to support incorporation and application in the SEI of Ada programming support environments and common software engineering tools and methods developed under and supported by PE 0603226F and PE 0603756A. The purpose of the SEI is to accelerate transition of rapidly evolving software technology into computer-intensive weapons systems. The SEI will operate as a Federal Contract Research Center (FCRC) through the provisions of a cost remibursement contract with an established university or other not-for-profit institution. Start-up and project initiation will be the primary functions during FY 1985. Anticipated end strength of 250 people to be reached in FY 1989. About half of available resources will be expended on technology transition and direct support to the military services and defense agencies. Some education and training efforts, research critical to the primary functions of technology transition, and direct support will be started.

Excludes (except for incorporation and application in the SEI mission) development, introduction and support of the Ada programming language standard and associated Ada programming support environments funded under PE 0603226F, and primary development of tri-service common software engineering tools and methods funded under PE 0603756A.

The SEI is the only program focusing on generic software technology transition common to all military services and Defense agencies. Accordingly, service unique and application software technology efforts are excluded.

0603768F Balanced Technology Initiative (H);X-92-3;
Funds research on innovative concepts and methods of enhancing conventional defense capabilities, as well as research to facilitate restoration of the conventional defense technology base. Involves work in five thrust areas: (1) Smart Weapons, to include advanced sensor development and automatic target recognition; (2) Surveillance and BM/C3 Technologies, relevant to land, sea, and air warfare; (3) Anti-Tactical Missile Technologies, including electromagnetic launchers and projectiles; (4) Armor/Anti-Armor Technologies, such as advanced armor concepts and high-performance kinetic energy penetrators; and (5) High Power Microwaves, effects and test system component development.

Excludes military and civilian manpower and their related costs.

0603770F Joint Surveillance/Target Attack Radar System (JSTARS) (H);X-8-04;
This program develops the technologies to sustain the momentum of RDT&E in multi-mode radars, specifically for use in the Joint STARS program, PE 0604770F. This PE develops and demonstrates new capabilities in surveillance, target detection/tracking and closed-loop attack guidance, in such areas as electronic counter-counter measures, low probability of intercept features, target classification, and the cooperative use of complementary sensor systems.

Joint STARS, an Air Force/Army program, develops a common multi- mode radar and related control/processing to

provide moving target detection, fixed target detection and weapons guidance capability. This joint effort is reflected in PE 0604770F, and in Army PE's 0603770A and 0604770A.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements of this program.

0603771F Industrial Preparedness Manufacturing Technology;X-95-1;
Includes research and development by the Air Force of technologies used in manufacturing processes.

0603789F C3 Advanced Development;X-8-06;
Provides RDT&E funds to develop and validate command, control and communications technologies. Develops, demonstrates and validates advanced C3 technologies in the areas of electronic counter countermeasures for surveillance radars, airborne and ground radios; optical/laser communications for space applications; high frequency radio systems; and battle information management systems.

Excludes civilian and military manpower and related costs and military construction costs which are included in appropriate management and support elements in this program.

0603790F NATO Research and Development (H);X-92-3;
Includes RDT&E funds specifically for NATO cooperative R&D Projects in accordance with the following:

Each project must involve "joint participation by the United States and one or more other member nations of NATO under a Memorandum of Understanding (or other formal agreement)" to either "develop new conventional defense equipment and munitions; or modify existing military equipment to meet United States military requirements." Each project must enhance "the ongoing multinational effort to improve NATO'S conventional defense capabilities through the application of emerging technology."

The Secretary of Defense or his designees, the Deputy Secretary of Defense or Under Secretary of Defense for Research and Engineering will approve all proposed NATO Cooperative R&D Projects in advance of concluding any joint participation agreement.

Funds for the projects "may not be used to procure equipment or services from any foreign government, foreign research organization or other foreign entity," e.g., funds are to be used in U.S. only,

Excludes manpower authorizations and related costs and military construction costs.

0603800F Joint Advanced Strike Technology - Dem/Val;X-95-1;
Funds a joint program to develop a high-technology, low-cost multirole fighter aircraft for the Air Force, Navy, and Marine Corps.

0603801F Special Programs;X-78-004;

Classified Program - Special Access Required

0603831F Classified Programs;;;

0603851F Intercontinental Ballistic Missile - Dem/Val;X-95-1;
Includes demonstration and validation development efforts to support Minuteman efforts focused on extending the service life of Minuteman III through 2020, including replacing 1960 vintage electronics in the guidance system and refurbishing propulsion stages to correct age-related degradation and to maintain reliability.

0603852F C-130J - Dem/Val;X-95-1;
Includes demonstration and validation (dem/val) development funds in support of acquisition of a new intra-theater C-130J airlift aircraft.

0603853F Evolved Expendable Launch Vehicle (EELV) Program - Dem/Val;X-95-1;
Includes demonstration and validation development and risk reduction efforts in support of a more affordable and more reliable family of expendable launch vehicles and supporting infrastructure to replace the current medium and heavy lift expendable launch vehicle fleet.

0603889F Counterdrug RDT&E Projects;X-94-2;;
Captures all counterdrug advanced development costs not associated with a counterdrug-unique PE and specifically identified and measurable against other active counterdrug programs.

Includes advanced development efforts to translate technology into technical and operational prototypes suitable for field evaluations. Efforts include both non- systems and systems technology developments. May also be used for demand reduction development efforts. Only projects approved by the Secretary of Defense and supported by the transfer appropriation will be included.

0604201F Aircraft Avionics Equipment Development;;
Includes RDT&E funds to develop avionic systems that are candidates for standardized equipments for future USAF aircraft or proposed to satisfy specific mission requirements for current and future aircraft. Equipments demonstrating high potential during advanced development efforts will be transitioned to this program element once specific applications have been identified. In addition, work on industry-developed hardware having potential application to USAF aircraft, but requiring additional RDT&E investments in order to satisfy specific performance requirements, will be accomplished in this continuing program.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604202F XB-70 (H);;

0604203F F-4 Improvements (H);;

0604204F YF-12A (H);;

0604205F Interceptor, Fire Control, and Missile Systems (H);;

0604206F WILD WEASEL (H);X-78-003;
Includes RDT&E funds for the design, development, integration, and test of advanced avionics systems.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604207F VTOL Aircraft (US/FRG) (H);;

0604208F J-58 Engine (H);;

0604209F F100 Durability (H);X-8-04;
This element includes continuation of the full-scale development funding for the Digital Electronic Engine Control (DEEC) and gear driven main fuel pump that was initiated under the Alternate Fighter Engine (AFE) program element in FY82 (PE 0604223F). Development and qualification of the DEEC and gear pump are essential to support final configuration of the Pratt & Whitney F100-PW-220 engine. DEEC incorporation will result in improved engine operability throughout the flight envelope (especially in the upper left hand corner), no trim requirement, and reduced engine control system maintenance. In concert with the Increased Life Core (ILC) - being developed with Component Improvement Program funds - the DEEC and gear pump development funded by this program element provide the F100-PW-220 engine with over twice the durability of current F100 engines used in F-15 and F-16 aircraft.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604210F Adverse Weather Aerial Delivery Systems (H);;

0604211F Advanced Aerial Target Development;;

The purpose of this program is to transition appropriate projects that have completed advanced development in PE 0603232F, Advanced Aerial Target Technology, and conduct engineering development on them in this program element. This program will provide fully-developed aerial target systems and subsystems based on Required Operational Capabilities (ROCs) and Joint Service Operational Requirements (JSORs) ready for production. Emphasis will be on producibility, reliability, maintainability, value engineering, configuration management, design cost, life cycle costing, and integrated logistic support.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604212F Aircraft Equipment Development;;
Includes RDT&E funds to develop, test, and evaluate a wide variety of aircraft subsystem equipments in response to operational needs and used to enhance combat or combat support operational capability.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604213F ASW-18/GAR-9 (H);;

0604214F Tanker Aircraft Improvements (H);;
Includes the development of improved subsystems for application to current and future tanker aircraft. Primary emphasis is placed on RDT&E efforts to formulate and develop modernized systems that will increase the effectiveness of the current KC-135 force and be compatible with any follow-on tanker aircraft.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604215F B-1 (H);;
Includes RDT&E funds for the development of the B-1 aircraft. The B-1 is a manned strategic bomber intended for replacement of the aging B-52 to maintain the TRIAD of bombers, land-based missiles, and sea-based missles in our future strategic deterrent force. The mission of the B-1 will require operation from Continental U.S. bases against any potential aggressor through the full spectrum of nuclear or non-nuclear conflict. This includes penetration of sophisticated defenses and precision delivery of operational payloads.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604216F WWABNCP System Replacement (H);X-7-01;
Includes RDT&E funds for development of an advanced airborne command post to replace the aging EC-135. Program will integrate a new modular command and control suite capable of meeting nuclear CINC force management requirements for real-time intelligence fusion, battle management and force reconstitution. The new aircraft will

be selected from existing production aircraft that meet the classified requirements in the WWABNCP System Replacement JMSNS. Program meets unfulfilled requirement for enduring command and control validated in MROC 1-84.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements of this program.

0604217F AC-130 Gunship (H);X-78-003;
Includes RDT&E funds for AC-130 gunship improvements, such as air refueling, command and control, target acquisition sensor, and all weather strike capability. AC-130 gunships demonstrated outstanding operational success in SEAsia and Mayaguez operations. Improvements are necessary to retain operational viability in future crises management and low-threat scenarios.

Excludes civlian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604218F Engine Model Derivative Program (EMDP);;
Includes RDT&E funds for demonstrating the technical capability of achieving increased performance for existing turbine engines. Formal qualification will be accomplished in the applicable weapon system program.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604219F Integrated Digital Avionics (H);X-92-3;
Includes RDT&E funds to provide engineering development of products defined under the Digital Avionics Information System (DAIS) advanced development program. Specific efforts include development of flight quality MIL-STD 1553A multiplex terminals; multi-application controls and displays; and software to support the F-111 updates, night close air support aircraft, and advanced tactical fighter program.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604220F EW Counter Response (H);X-92-3;
Includes RDT&E funds to develop, test, and evaluate two prototype EF-111A tactical support jamming systems. The prototype would provide the engineering basis for a subsequent modification program to convert F-111As to EF-111As.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604221F Special Improvements Projects (H);X-7-04;
This is a special access program. Details will be provided on a need-to-know bases to appropriately cleared

personnel.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604222F Nuclear Weapons Support;X-78-015;
Includes RDT&E funding to provide continuing support for activities that develop hardware associated with nuclear weapons (other than warhead) and activities that provide for safe and effective nuclear weapons delivery. These activities include providing Air Force requirements, criteria, and guidance to the Department of Energy (DOE) for nuclear bomb/warhead development and integration with specific delivery systems and provide Air Force evaluation and acceptance of nuclear bombs/warheads; providing requirements, criteria, and guidance to System Program Offices and AFLC System Managers to achieve delivery system/nuclear bomb/ warhead compatibility; developing nuclear weapons and related weapons system data for operational use; conducting, managing, and monitoring analytical and test programs required to evaluate the compatibility of weapon systems and DOE nuclear warhead bombs; and developing procedures for transport of nuclear weapons, equipment, and materials. This program element was formerly Project 5708 of PE 0604602F, Armament/Ordance Development.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604223F Alternate Fighter Engine (H);X-95-2;
Includes development and test of the General Electric Company, F101X, engine as a production alternative to the Pratt & Whitney, F100, engine for application in future aircraft.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate Management and Support elements.

0604224F Operational Support Aircraft Modernization (H);X-5-03;
This program will initiate necessary action to develop the capability to maintain the USAF Operational Support Airlift function. A replacement or modernization of existing CT-39 aircraft appears to be appropriate action. The existing T-39 aircraft are approaching the end of their service life and would need major modifications to accommodate a life extension; modern technology fanjet engines offer the potential for reducing fuel requirements by at least 50 percent. There also exists the possibility of commonality between the MAC Operational Support Aircraft (OSA), the SAC Companion Trainer Aircraft (CTA), and the proposed ATC Tanker, Transport, Bomber, (TTB) Trainer. This potential will be fully examined during the Conceptual Phase of the individual programs and the appropriate commonality advantages will be exploited as the individual programs are initiated.

0604225F A-10 Aircraft (H);;
Includes peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: RDT&E funds for the development of the A-10, single place, twin turbofan aircraft specifically designed for the close air support mission. High survivability is a primary design objective, as is austere basing requirements and extended air loiter capability. The A-10 will have a high velocity, rapid fire, 30mm cannon for increased target kill effectiveness and can carry up to 16,000 lbs. of external ordnance at speeds

ranging from 120 knots to about 400 knots. It will take off and land in 1200 feet with up to 6500 lbs. of useful load. Reliance will be placed upon the ability of the pilot and aircraft to maneuver under restricted weather conditions and around rugged terrain, thus avoiding the need for sophisticated, costly avionics.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604226F B-1B;X-92-3;
Includes: RDT&E Funds for the full scale engineering development of a strategic multi-role bomber maximizing range, payload, and ability to perform the missions of conventional bomber, cruise missile launch platform, and nuclear weapons delivery system in both the tactical and strategic role.

Excludes: Civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604227F Training Systems Development;X-9-05;
Includes development of new training devices and techniques for training air crew members from undergraduate pilot training through combat crew training and continuation training. In addition to funds for development of new flight simulators and training devices, this program provides funding for adapting laboratory-developed simulation technology to current training requirements. This prototyping of simulation technologies will provide an improved capability to respond to near-term training requirements which are necessary to achieve reduction in flying training time dictated by the energy shortage and escalating costs of aircraft procurement and operation.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604228F Advanced Medium STOL Transport (AMST) (H);X-5-03;
Includes funding for the AMST engineering development. The AMST will offer an option for replacement of those elements of the tactical airlift force that will reach the end of useful service life in the early 1980s, i.e., C-130s, C-123s, and C-7s. The AMST will have capabilities to satisfy current and projected mission requirements which cannot be accomplished by the existing tactical airlift force. This program element includes all RDT&E costs normally associated with weapon system development.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604229F F-16 Development (H);X-80-004;
Includes the engineering development phase of an effort to provide a new tactical fighter option which incorporates advanced technology features to significantly enhance total system performance. The goal is the development of a fighter which can perform an acceptable spectrum of tactical air warfare tasks at attractive cost. The Lightweight Fighter Prototype (PE 0603235F), if current projections are achieved, will provide candidate design options for further development in this program.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604230F FAC-X (H);X-6-01;
Includes RDT&E funds to configure, demonstrate, and evaluate an inventory aircraft to satisfy TAF ROC 302-76, 21 January 1976, for a world-wide, night, and marginal weather Forward Air Controller (FAC) capability. FAC-X will replace the aging and obsolete 0-2 and OV-10 aircraft. The FY 1979-1983 program provides for configuration studies, a competitive flight evaluation of alternative in-being aircraft, and developmental efforts necessary to establish FAC-X variant of selected airframe. Aircraft procurement funds for planning and force structure have not been determined.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604231F C-17 Program;X-2-005;
Includes: RDT&E funds to support engineering development of a new airlift aircraft with emphasis on the capability to deploy outsized cargo over intercontinental distances and into small, austere airfields. This major initiative increases our airlift capability and alleviates serious deficiencies in our ability to rapidly reinforce NATO. In addition, the C-17 will enhance our capability for worldwide force projection by providing for airlift of a tailored Rapid Deployment Force.

Excludes: Civilian and military manpower and their related cost, military construction, procurement funds and operational/support cost of the operational equipment.

0604232F PAVE RUNNER (H);X-92-3;
This is a special program. Access will be granted on a strict need-to-know basis only.

Excludes military and civilian manpower and their related costs.

0604233F Specialized Undergraduate Pilot Training;X-93-1;;
Provides SPO mission support funding for Enhanced Flight Screener (EFS), Joint Primary Aircraft Training System (JPATS), and T-1A Tanker-Transport Training System. SPO mission support activities include travel, computer support, training, and supplies to support daily operations.

0604234F Common Strategic Rotary Launcher (H);X-92-3;
This program provides for full scale engineering development of a Common Strategic Rotary Launcher (CSRL) for employment on the B-52, B-1B, and Advanced Technology Bomber. The single design has the potential of reducing four or more launcher design programs to one. Capabilities of the CSRL include carriage of all strategic nuclear missiles and gravity weapons programmed for employment in the three bombers as well as growth missiles to include conventional standoff.

Excludes flight testing of the developed hardware. Also excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604235F Cruise Missile Surveillance Sensors (H);X-91-2;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Performs full scale engineering development of advanced sensors to detect and track cruise missile attacks upon North America. Augments existing sensor systems to provide complete coverage of all air, land, and sea launched cruise missile attack corridors. The sensors will provide detection, tracking, and non-cooperative identification capability during the full range of air defense operations from peacetime thru protracted war. Maintains and updates the air surveillance system architecture developed under PE 0603716F. Sensors will be linked to the Joint Surveillance System (JSS) Region Operations Control Centers (ROCCs), the Airborne Warning and Control System (AWACS), and the NORAD Cheyenne Mountain Complex (NCMC). Performs Initial Operational Test and Evaluation (IOT&E) of each sensor developed.

0604236F Intrared Search and Track System (H);X-94-1;
A joint full scale development and pilot production of an infrared search and track system (IRSTS), passive air-to-air sensor.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604237F Variable Stability In-Flight Simulator Test Aircraft;X-4-06;
An existing fighter will be modified with variable stability controls and a reprogrammable cockpit to perform flight research in flying qualities, flight control and avionics technology, and man-machine experimentation. The aircraft will support weapon system development and test pilot training. A conceptual design study (6.2) was initiated in FY 82 and will be completed in FY 85. Technical design and cost tradeoffs (acquisition and life cycle) are being performed for candidate aircraft. A steering group of AF, Navy, and NASA users has been formed to review the requirements and to recommend the aircraft to be modified. Based on a long-history of in-flight simulators the VISTA project is technically a low risk program. Components (computers, sensors, servos) for the variable stability controls and programmable displays are readily available off-the-shelf or can be modified to satisfy requirements. Digital fly-by-wire technologies have been validated in the Advanced Fighter Technology Integrator (AFTI) and F-18 aircraft.

Excludes the cost of the airplane (F-16B or TF/A-18). Airplane will be government furnished to the program. Excludes civilian and military manpower authorizations and military construction costs included in management and support elements in this program.

0604238F Constant Pisces (H);X-8-06;
This is a special program. Access will be granted on a strict need-to-know basis only.

Excludes military and civilian manpower and their related costs.

0604239F F-22 EMD;X-93-3;;
This program element funds the full scale development of the Advanced Tactical Fighter (ATF). The ATF will be the primary air superiority fighter for the USAF Tactical Air Forces in the late 1990s and into the 21st century.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements of this program.

0604240F B-2 Advanced Technology Bomber;X-8-04;
Provides for the engineering development of the B-2 bomber program.

0604241F Consolidated EW Programs (H);X-92-3;
Includes RDT&E funds for eleven previously separate program elements (PEs). Major development projects include: self-protection systems for F-16 (Airborne Self Protection Jammer - ASPJ, ALE-47 countermeasures dispenser), F-15 (ALQ-135 jammer upgrade and the ALR-56C radar warning receiver), and development of EC systems for numerous SOF aircraft. Also provides for improved jamming capability for the EF-111A aircraft through an improved ALQ-99E jamming system upgrade. The PE also funds support for the Joint Electronic Warfare Center, airborne radar ECCM techniques development, upgrade of the EC-130H Compass Call fleet and numerous EC study and laboratory demonstration model developments. This PE also addresses several classified programs.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604242F Advanced Interdiction Aft (AX) ;X-93-1;;
Provides for the Engineering Development of the A-12 Advanced Tactical Aircraft (ATA) in concert with the U.S. Navy.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604243F Manpower, Personnel and Training Development;X-8-06;
Provides engineering development of maturing MPT technologies for transition to the operational forces. Products include forcewide training systems; MPT decision aids; training management systems; and personnel selection, and classification systems. These technologies will enhance weapon system support and personnel selection, training, and utilization. It will aid management of requirements, resources, and student flow for technical school, on-the-job, and basic training. Products respond to formal requirements from AFLC, ATC, SAC, TAC, AFCC, AFSPACECOM, HQ USAF, and AFSC.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604244F Short Range Attack Missile II (SRAM II) - Eng Dev (H);X-95-2;
Includes RDT&E funds for the full scale engineering development and testing of a second generation short range attack missile to replace the aging and decreasing SRAM-A inventory.

Manpower currently supporting SRAM-A will be used to offset SRAM-II requirements resulting in no net additional requirements during phasing-in or full operational deployment of the SRAM-II.

0604245F Short Range Attack Missile - Tactical (SRAM-T) (H);X-95-2;
Develop and procure a nuclear tactical air-to-surface missile for employment from tactical fighter aircraft.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604246F Close Air Support Alternatives (H);X-92-4;;
OSD directed PE (created in the PBD cycle - PBD 235A3) to support a Fly-off as directed by Congress. Congress has only directed that a Fly-off plan be created. There has been no directian to actually conduct an operatianal test and evaluatian. The PE also provides additional funds for more studies and assessments. Funds operational test of representative aircraft. Funds additional CAS studies. Funds modifications of aircraft for Fly-off. Funds ARPA simulation evaluations. Leads to weapons system procurement in the FYDP.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604247F Air Force Centralized Integrated Diagnostics;X-92-3;
Includes RDT&E funds to provide engineering development of products defined under the MATE advanced development program. Specific efforts include the development and test of a family of test equipment and software modules for use in support of Air Force weapons systems. Follow-on efforts include the development of Automatic Test Equipment, software design, acquisition and verification/validation aids.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604248F Modular Standoff Weapons (H);X-9-02;
Provides RDT&E funds for the full scale development of a series of Modular Standoff Weapons with the capability to attack a variety of targets such as airfields; air defense units; hardened command, control, and communication nodes; and armor from short and long standoff ranges. The Modular Standoff Weapons program is Cooperative Research and Development initiative proposed under the Nunn Amendment. Seven countries have signed a Letter of Intent to pursue the further definition of a modular approach to standoff weapons. These seven countries are the US, Germany, UK, France, Spain, Canada, and Italy. A product of this effort will be improved interoperability and standardization within NATO.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604249F Night/Precision Attack;X-80-005;
Includes:

- RDT&E funds to support engineering development of a pod to provide improved night and under weather capability to acquire, track and destroy ground targets with tactical aircraft using IIR Maverick missiles. The pod will have a narrow field-of-view FLIR sensor for target detection and recognition with an automatic hands-off capability; a 1.06 micron laser for use with laser-guided bombs with growth at a 10.6 micron laser; a wide-field-of-view FLIR sensor for display on the aircraft Head Up Display (HUD) and a covert type terrain following system to provide a manual terrain following capability.

- Per FY 79 Congressional direction, RDT&E funds to support engineering development of a laser designator pod for the F-16.

0604250F Integrated EW/CNI Development (H);X-95-2;
Designs, develops and tests the critical avionics subsystems for the Air Force's Advanced Tactical Fighter (ATF) and the Navy's Advanced Tactical Aircraft (ATA). Primarily develops the Integrated Electronic Warfare System (INEWS) and the Integrated Communications Navigation Identification Avionics (ICNIA) as the major components of the ATF/ATA core avionics and tests and evaluates INEWS/ICNIA with other selected critical avionics subsystems. Integrates multiple sensors, fire control/weapon delivery functions, engine management, INEWS/ICNIA, cockpit controls and displays, flight controls, stores management and interfaces the avionics architecture with the ATF/ATA weapons system. Focuses on the counter air operational mission and emphasizes very high weapon system sustainability (reliability, availability, maintainability). ICNIA/INEWS development will allow application to the F-14D, F-15, F-16, F-18 and possibly the F-111 as appropriate.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604252F Tactical Deception System - Advanced (H);X-92-4;;

0604256F Threat Simulator Development;X-93-2;;
Includes funding for the development, acquisition and sustainment of actual threat systems, realistic threat simulators and simulators representing threat systems for the portrayal of a realistic threat environment during testing of weapons systems.

0604258F Target Systems Development;X-93-2;;
Includes funding for the development of realistic surrogate or acquired targets to support test and evaluation and training on current and future weapons systems. Also includes funding to support acquisition and sustainment of targets for development test and evaluation efforts of weapons systems.

0604262F CV-22A;X-7-01;
Funds AF commitment to Joint Service Program to develop an Advanced Technology Fixed Wing Includes RDT&E funds for engineering development of a multi-engine Vertical Aircraft with vertical takeoff and landing capabilities with Navy as the executive service. This supports AF unique development to satisfy long range Special Operations Forces (SOF) infiltration, resupply and exfiltration mission requirements. Funds are included for internal aircraft modifications for SOF peculiar equipment/self-defense weapons, optimum mission oriented defensive/electronic countermeasures suite, external fuel tanks, and AF development/initial operational test and evaluation.

Includes civilian and military manpower and their related costs in support of unique Air Force testing.

0604268F Aircraft Engine Component Improvement Program;X-80-005;
RDT&E funds to support the demonstration of solutions to service revealed difficulties and cost of ownership problems on in-service engines.

Excludes: Civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604270F EW Development;X-8-04;
Includes RDT&E fund for projects which were either previously separate PEs or included in the 1988 Consolidated EW Program PE 0604241f. Major development projects include: self-protection systems for F-16 (Airborne Self Protection Jammer - ASPJ, ALE-47 countermeasures dispenser), F-15 (ALQ-135 jammer upgrade and the ALR-56C radar warning receiver), F-111 (ALR-621 radar warning receiver upgrade) and development of EC systems for numerous SOF aircraft. Also provides for improved jamming capability for the EF-111A aircraft through an improved ALQ-99E jamming system upgrade. The PE also funds support for the Joint Electronic Warfare Center, airborne radar ECCM techniques development, upgrade of the EC-130H Compass Call fleet and for development, fabrication, and validation of laboratory simulations of soviet threats (AFEWES & REDCAP).

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604301F Tactical Air-to-Ground Missile (MAVERICK) (H);;
Includes RDT&E funds necessary to develop a rocket-boosted, short-range, air-to-surface missile equipped with automatic television homing guidance. The missile can be carried in clusters of up to three missiles per store station on the F-4D/E and A-7D aircraft. The MAVERICK will also be carried on the A-X aircraft. The missile has a good short-range and low-altitude capability to permit operations under low cloud ceilings, and a stand-off capability for launch at longer ranges when weather and target conditions permit.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604302F Defense Suppression Weapons Engineering Development (H);X-6-01;

RDT&E funds for the engineering development, test and evaluation of weapons which will damage or destroy radar air defense systems which threaten tactical aircraft. Future projects for engineering development and testing may include a weapon for longer ranges which is unaffected by primary radar shutdown. This effort follows PE 0603306F, Defense Suppression Weapons Advanced Technology.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604304F Air-to-Air Missile Improvements (H);;

0604305F MMRBM (H);;

0604307F Hard Rock Silo Development (H);;

0604308F Short-Range Air-to-Air Missile (H);;

0604309F HOUND DOG II (H);;

0604311F Antiradiation Missile Engineering Development (H);X-5-03;
Includes RDT&E funds for engineering development of a ducted rocket motor and air-to-air dual-mode antiradiation missile seeker, integration into a suitable missile airframe, and test and evaluation of the resulting missile configuration. The missile will provide an enhanced target engagement capability against hostile aircraft emitting radio frequency energy (e.g., radar), reduce the need for command update from the launch aircraft, and constrain hostile use of the radio frequency spectrum by strike and fighter/intercepter aircraft. Advanced development of the seeker and motor will be demonstrated in PE 0603313F, Advanced Missile Subsystems Demonstration.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604312F ICBM Modernization;X-4-02;
Includes RDT&E funds to modernize the ICBM force in the 1980s and 1990s to address the problems of aging, effectiveness and survivability. This program element contains all efforts to support the following tasks:

Peacekeeper ICBM development; small missile in hard mobile basing development; and ICBM follow-on basing technology development. The program supports a Peacekeeper Initial Operating Capability (IOC) of Dec 1986 and a Final Operating Capability (FOC) of Dec 1989; an IOC of 1992 for a small missile in a hard mobile basing mode; and pursuit of technologies involving hard silo and deep basing modes which are applicable to the Peacekeeper and/or

the small missile.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604313F T-46A (H);X-9-05;
The Next Generation Trainer (NGT) will be a replacement for the current T-37 primary trainer aircraft. The NGT will be a side-by-side seating, twin engine aircraft using off-the-shelf equipment when possible. The turbofan engine and airframe technology will be state-of-the-art to reduce development risk and to ensure a fuel-efficient training system.

0604314F Advanced Medium-Range, Air-to-Air Missile (AMRAAM) (H);X-92-3;
Includes funds to conduct the engineering development, test and evaluation of an Advanced Medium Range Air-to-Air Missile (AMRAAM) (SPARROW follow-on) in response to the Air Force/Navy JSOR. The AMRAAM program will demonstrate the capability of pre-production missiles to increase U.S. air-to-air effectiveness and improve overall weapons system reliability and maintainability.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604315F Advanced Short Range Air-to-Air Missile (ASRAAM) (H);X-92-3;
RDT&E funds for USAF program office (with representatives in joint GE/UK program office in Koblenz); engineering, simulation, and analytic support for program office; integration and verification of ASRAAM compatibility with F-15/16; and IOT&E on F-15/16. ASRAAM is a follow-on missile in the 1990s to the AIM-9 Sidewinder series of short range air-to-air missiles. The joint GE/UK/US Operational Requirement for ASRAAM is defined in USAF SON 16-82, dated 10 Mar 83, SECRET. The basis for the ASRAAM program is a Four Power Memorandum for Understanding for a Family of Air-to-Air Weapons, initiated by USDR&E, and signed by SECDEF in Aug 1980.

Excludes civilian and military manpower authorizations and costs and military construction costs.

0604321F Combat Intelligence System -EMD;X-95-1;
Includes RDT&E funds to develop the Combat Intelligence System (CIS) which will provide automated support to intelligence operations at the air component level and the wing/squadron level throughout the Air Force. The CIS program consolidated previously separate programs such as: Intelligence Correlation Module (ICM), Sentinel Byte (SB), Rapid Application of Airpower (RAAP).

Excludes civilian and military manpower and their related costs and military construction costs.

0604324F Joint Tactical Missile System (JTACMS) (H);X-7-04;
This is a joint program to develop a common missile system to meet Army/Air Force needs for a surface-to-surface Corps Support Weapon System (CSWS) and a Conventional Standoff Weapon.

The PE provides and contains test funds for the launcher, propulsion, guidance, and warhead technologies required, and integrates the subsystems into a total system capability.

Modularity will permit attack (from standoff ranges) of a variety of target types, from Air Force aircraft and Army mobile launchers, using autonomous guidance, or guidance signals from the Precision Location Strike System (PLSS) or the Joint STARS system.

This joint effort is also reflected in Army PE 0604324A.

0604325F Standoff Attack Weapon (H);X-5-03;
The program provides RDT&E funds to develop a guided, powered weapon to be used to attack second echelon targets and deep interdiction. This weapon platform is designed to carry a variety of submunitions tailored to destroy a specific target. Submunition development is included in PE 0604604F. Production for SAW is included in PE 0207165F.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements of this program.

0604326F Strategic Conventional Standoff Capability (SCSC) (H);X-92-3;
Includes R&D resources to integrate conventional standoff weapons and targeting sensor improvements for strategic aircraft. Weapon integration efforts include developing a universal weapon stores management system capable of dealing with a family of present and future weapons such as Harpoon, the Medium Range Air-to-Surface Missile (MRASM), Standoff Attack Weapon (SAW) or Joint Tactical Missile (JTACMS). Targeting sensor improvements include active and passive technologies to include Synthetic Aperture Radar (SAR), Inverse Synthetic Aperture Radar (ISAR), Long Range Passive Location System (LRPRS), and bistatic radar sensors. SCSC supports the MRASM program and OSD directed joint Army and Air Force program to develop the CSW and the Army Corps Support Weapon System (CSWS).

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program. Also excludes procurement costs of developed weapon integration and targeting sensor hardware, which will be funded within the applicable aircraft program element.

0604327F Hardened Target Munitions;X-5-09;
This program element provides RDT&E and procurement funds for the family of Hardened Targets Munitions. It will develop a 1000 pound warhead for use with developmental standoff guided weapons and a low drag unitary warhead for the F-16. Other tasks include a boosted version, target fuze, and target/instrumentation improvements for testing HTM effectiveness.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604361F Air Launched Cruise Missile (ALCM) (H);X-94-1;

Includes RDT&E funding to develop an air-to-surface cruise missile capable of high accuracy from ranges of hundreds of miles. The ALCM will complement the penetrating bomber by providing self-suppression of defenses, reducing bomber range flown in defended areas, extend target coverage potential, and increase hard target capability. It will be loadable in the SRAM rotary rack on the B-52 or B-1 and can be carried externally with range-extending belly tanks on the B-52. The program baseline is derived from the Subsonic Cruise Armed Decoy (SCAD) program cancelled at end FY 1973 which provided basic technology/design for the ALCM airframe, engines, navigation/guidance set, and warhead. The RDT&E program will be completed in FY1978 following a 30-missile flight test program.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604362F Ground-Launched Cruise Missile (GLCM) (H);X-92-3;

The primary objective of this program element is to develop a mobile, ground-launched missile capability for use by tactical air forces in a theater of intra-theater environment. To meet this requirement, it is necessary to design and test a mobile ground-launch platform, determine missile modifications necessary for adaptation to the mobile ground-launch configuration, and investigate navigation/guidance modifications necessary to meet mobility as well as warhead impact accuracy requirements. Additionally, employment scenarios, basing concepts, security measures, and command and control procedures must be developed. This requirement is based upon the need for increased firepower in the theater structure. By employing GLCM's in the nuclear alert role, the theater commander will be able to maintain a greater level of aircraft conventional capability during a transition period to increased nuclear force generation levels. The GLCM is to be a derivative of the Navy-developed TOMAHAWK cruise missile, and the program is to managed by the Joint Cruise Missiles Projects Office.

0604401F AGENA-D (H);;

0604406F Space Defense System (H);X-92-3;

This program develops antisatellite systems capable of negating hostile satellites on orbit. The program includes engineering development of a miniature homing vehicle satellite interceptor, and target satellites for ASAT demonstration tests. In addition, an interface is maintained with laser developments for future ASAT applications.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support eIements in this program.

0604407F Advanced Warning System;X-93-4;;

The Boost Surveillance and Tracking System (BSTS) is a program started by the USAF as a follow-on to Dsp, Which was moved to the Strategit defense Initiatve Organization for demonstration/validation. The Full Scale Development (FSD) activity was jointly managed by the BMDO and the USAF to perform both SDS (Space Defense Systems) and AF TW/AA (Tactical Warning and Attack Assessment) missions. This was the Air Force follow-on, picking up the FDS of the BSTS. This program has been superceeded by the Follow-on Early Warning System (FEWS), or Improved Space-Based TW/AA System (ISB TW/AA).

0604408F National Launch System (H);X-95-3;;

Advance Launch System is a program started under the Strategic Defense Initiative (SDI). This is the Air Force follow-on, picking up the Full Scale Development (FSD) of the ALS.

Excludes civilian and military manpower and their related costs and military construction costs which will be included in appropriate management and support elements in this program.

0604410F Space-Based Radar (SBR) FSD;X-0-06;
This new PE will be used to fund operations and support for Space-Based Radar ground operations to meet an FY 2002 Initial Operations Capability (IOC). The PE will contain funds for the Mission Operations Center (MOC) operation. The MOC operations funding includes operator and maintenance training, software and computer systems procurement and control of the Space-Based Radar on-orbit satellites. In addition, the PE will provide operational data reduction, correlation and dissemination to worldwide users. There will be manpower associated with this PE.

0604411F Space Shuttle (H);X-8-04;
Includes RDT&E funds for development of the Inertial Upper Stage (IUS) to boost DoD and NASA spacecraft from the low altitude Space Shuttle orbits to higher altitude mission orbits; development and acquisition of a Space Shuttle launch and landing capability at Vandenberg Air Force Base, CA. to support launches of DoD and NASA spacecraft into low earth orbits; development of common payload intergration equipment, unique ground support equipment, software and security systems to support DoD mission requirements; and studies and analyses to increase the DoD use of, and benefits from, the unique capabilities of the Space Transportation System.

Excludes civilian and military manpower and their related costs which are included in appropriate management and support elements. Equipment procurements and military construction costs directly associated with the program are included under PE 0102449F, Space Shuttle. Air Force RDT&E efforts through FY 1978 which are funded under 0603411F.

0604412F Common Multimode Radar (H);X-5-03;
Includes RDT&E funds to support engineering development of tactical strike systems with focus on sensors and sensor/fire control intergration. An advanced radar sensor system will be developed to provide a capability to search, detect, track, support fire control and weapons guidance against moving and stationary targets during night and weather conditions. An air-to-air and low altitude air-to-surface capability will be included.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604413F B-1B Strategic ECM;Disapproved by X-9-02;

0604441F Space Based Infrared Architecture (SBIR) - EMD;X-95-1;
Includes engineering and manufacturing development efforts to support the satellite system replacement of the existing Defense Support Program (DSP). Also included is development, installation and checkout of an integrated ground station that will serve remaining DSP satellites, SBIR Highly Elliptical Orbit and Geosynchronous Orbit

satellites and the operational Low Earth Orbit satellites after 2000.

0604478F NAVSTAR Space and Control Equipment (H);X-80-004;
Includes full-scale engineering development of the NAVSTAR Global Positioning System space and ground control segments. This involves the purchase of additional satellites to replenish those launched during the concept validation phase to ensure 6-satellite availability in the 1982-1983 timeframe. This deployment is required to support initial operational test and evaluation of NAVSTAR user equipment and for range-tracking instrumentation of the Navy's fleet ballistic missile improved accuracy program. Also included in this element are all development efforts associated with the operational master control station, and for a block change to the satellites to incorporate all required operational features.

Excludes development and procurement of NAVSTAR user equipment; procurement, operation and manpower associated with the space and ground control segments; and civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604479F Milstar LDR/MDR Satellite Communications;X-94-3;;
Includes engineering and manufacturing development efforts to support the Milstar I and II satellite program. Milstar will provide an extremely high frequency (EHF) communications capability for survivable, jam-resistant, worldwide, secure communications for strategic and tactical warfighters. This program element supports satellite and mission control efforts only.

0604480F Global Positioning System Block IIF;X-95-1;
Includes engineering and manufacturing development efforts to support the Global Positioning System Block IIF satellite system. GPS Block IIF is the follow-on to the GPS Block IIR satellite.

0604600F Munitions Dispenser Development;X-94-6;;
Includes funds for the research and development of the Wind Corrected Munitions Dispenser (WCMD) Kit. WCMD is a kit for Tactical Munitions Dispenser (TMD) weapons currently in inventory of in production. The WCMD kit will provide the capability to accurately deliver TMD weapons from medium to high altitudes by correcting for the effects of wind introduced by the medium/high altitude delivery of dispenser weapons.

0604601F Chemical/Biological Defense Equipment;;
Includes RDT&E funds to develop chemical/biological defensive equipment and materials that will enhance our nuclear and chemical retaliation capability. In addition, this program element covers any developmental efforts designed to achieve operational, airborne, chemical warfare munitions; riot control munitions; and vegetative control devices.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604602F Armament/Ordnance Development;;

Includes RDT&E funds for the development, test, and evaluation of all types of armament and munitions hardware necessary to meet the requirements of the operational commands. This program includes conventional and guided fuses; bomblets optimized for use against personnel, material and vehicles; target activated mines, dispensers for these bomblets and mines, flares, targets markers, airfield attack weapons, and ground handling equipment.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604603F Improved Aircraft Gun Systems (H);X-80-004;
Includes RDT&E funds for engineering development of aircraft gun systems, ammunition, and support equipment to satisfy new operational requirements for air-to-air and air-to-ground gun systems. It includes development of gun systems for internal and external carriage on new or existing aircraft.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604604F Submunitions;X-3-03;
This program element identifies RDT&E funds to be used to develop a variety of submunitions ranging from smart precision guided weapons to free fall sensor fuzed submunitions. These submunitions can crater runways, provide an entire denial capability, or provide anti-personnel or anti-armor defeat. These submunitions will be dispensed from a series of weapon platform candidates such as the Standoff Attack Weapon, or a Tactical Munitions Dispenser which will be developed and procured in a separate PE.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements of this program.

0604605F 30mm Close Air Support Gun System (H);X-5-03;
Includes peculiar and support equipment, necessary facilities, and the associated costs specifically identified and measurable to the following: RDT&E funds for the development of a 30mm gun and ammunition system for use on close air support aircraft such as the A-10. Current operational guns (20mm M39 and M61 guns) developed in the early 1950s do not possess the desired capability to defeat armor, such as the Russian T-55 tank. An improved gun system is required to enhance the A-10 capabilities, not only against armor, but also against the entire spectrum of ground targets. Analytical studies and system analyses were accomplished to establish the characteristics of a close air support gun system. Weapon effectiveness analyses indicated that the proposed gun system would, in fact, be effective against bare tanks and countermeasured armor. An advanced development program was undertaken under PE 0603601F, Conventional Weapons, to develop the technology required to develop an aluminum cartridge case compatible with the proposed gun system.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604607F Wide-Area, Anti-Armor Munitions (H);X-95-2;
Includes RDT&E funds used to conduct the engineering test and evaluation of a wide-area, anti-armor munition. The

weapons developed in this program will provide the Tactical Air Forces with a multiple armor, kill per pass, capability against the main armor attack postulated in Europe. This increased sortie effectiveness will greatly improve the over-all combat effectiveness to halt this attack. This program is a follow-on to PE 0603609F, Advanced Attack Weapons.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604608F Close Air Support Weapon System (H);X-6-01;
Includes peculiar and support equipment, necessary facilities, and the associated costs specifically identified and measurable to the following: RDT&E funds to continue the tri-Service, coded laser seeker development and proceed into engineering development with a low cost bi-Service (Air Force/Navy) close air support, tactical air-to-surface missile for destruction of point and area targets in close proximity to friendly troops. The system being developed will also have utility in the interdiction and armed reconnaissance role. The long-range objective of this program is the development of weapons which will provide the Air Force with adverse weather, close air support capability.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604609F R&M Maturation/Technology Insertion;X-5-09;
Includes funding for Reliability and Maintainability (R&M) maturation and insertion of demonstrated technologies into current and future weapon systems. Potential generic and high leverage R&M maturation and technology insertion initiatives will be chosen for parallel development by SPOs. Modification retrofits and insertion into the production line will occur where appropriate. Initial technology applications include Onboard Inert Gas Generating System (OBIGGS) for the C-17 and C-130, Multiple Use Frequency Standards, B-1B Central Integrated Test System (CITS) Expert Parameter System, Improved Inspection of Solid Rocket Nozzles, and a Radar Maturation program for the B-1B, F-15 and F-16 radars. Organizations: AFSC, Product Divisions, LABS, AFLC and Air Logistics Centers.

Excludes civilian and military manpower authorizations which are in the appropriate management and support elements.

0604610F Air Delivered Land Mines (H);X-5-03;
Includes RDT&E funds to provide for engineering development of air delivered land mines. Previous planning called for funding under PE 0604602F, Armament/Ordnance Development; however, that element funds many programs and does not provide the necessary flexibility to allow the focus required for the mines program. Development efforts include engineering design, fabrication, and test of hardware; engineering; and cost analysis and preproduction engineering. Examples of programs that might be funded under this element are GATOR, GRASSHOPPER, PIRAHNA, and WAAPM. GATOR will be the first program to be funded. It is an air-delivered antiarmor mine system. The GATOR development is a tri-Service program with the Air Force, as lead Service, providing total RDT&E funding with the exception of Army/Navy peculiar requirements.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604612F Low-Level, Laser-Guided Bomb (LGB) (H);X-5-03;

Includes RDT&E funding to develop an improved version of the Laser Guided Bomb (LGB) for a low-altitude, low-airspeed, release capability.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604613F Common NATO Munitions (H);X-5-03;
Includes United States funds for a joint RDT&E program to develop common munitions within NATO. A family of munitions will be developed by the Four Power Nations (Federal Republic of Germany, France, United Kingdom, and United States) to meet common requirements for improved air-to-surface weapons in the mid-1980s. Items being considered include an advanced cluster munition derived from the MW-1 STREBO, a laser designator pod for single-seat operation, and advanced air-to-surface precision guided munition with improved stand-off characteristics, and a lightweight 30mm gun pod derived from the GAU-8, A-10 internal gun. This program will also procure foreign munitions required for testing to determine compatibility with Air Force tactical aircraft.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604614F Medium Range Air-to-Surface Missile (H);X-5-03;
This program will conduct the engineering development of long-range powered conventional stand-off missile to deliver unitary, cluster and penetrator warheads. The primary area of interest for the ACSM are deep, hard and high value targets such as airfields, ADCCs, and military complexes.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604615F Guided Hard Structures Munitions (HSM) (H);X-6-01;
This program will accomplish the engineering development of a guided weapon coupled with the HSM warhead capable of destroying very hard target structures such as caves and hardened Air Defense Command and Control Centers (ADCCCs).

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604617F Air Base Operability;X-7-10;
Provides RDT&E funds to develop, design, test and evaluate components, equipment, procedures and techniques to sustain sortie generation capability in the event of air base attack. This program element will complement the advanced development work of PE 0603307F (entitled Air Base Operability Advanced Development). Maximum advantage of existing work and expertise, off-the-shelf items, and industry programs will be used to define and develop subsystems technology. This program will cut across technical disciplines and integrate subsystems. Special and peculiar needs of various theaters of operations including those peculiar to the Rapid Deployment Forces, will be addressed.

Excludes civilian and military manpower authorizations and their respective costs, and military construction costs which are included in appropriate management and support elements of this program.

0604618F Joint Direct Attack Munition;Temp 12-91;;

0604701F Tactical Information Processing and Interpretation (H);;
Includes RDT&E funds for air transportation facilities for the General Purpose Forces of the Air Force and Marine Corps. This program will also support Army requirements as requested. The facilities will provide for processing, reproduction, and interpretation of aerial reconnaissance and surveillance products, collation with intelligence from other sources, reporting on enemy force activities, preparation and distribution of target materials, and mission planning support. The system will provide an inventory of mobile shelters housing the necessary capabilities to perform field intelligence functions. The equipment will be modular so that appropriate numbers and types can be used at any location. The system is divided into four major functional segments, i.e., imagery interpretation; tactical electronic reconnaissance processing and evaulation segment; and display and control/storage and retrieval. A segment for system support will provide administrative and maintenance support for the deployed system.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604702F ATCRBS/AIMS (H);;

0604703F Aeromedical/Chemical Defense Systems;X-92-4;;
This program element includes RDT&E funds, civilian and military manpower and their related cost, to support the Engineering Development of Aeromedical Systems Development used during conventional, chemical, or nuclear warfare.

The long range goals of the Aeromedical Systems Development are twofold: (1) to provide equipment necessary for patient treatment during both peace and wartime aeromedical evacuation; and (2) considering the casualties that will occur in conventional, chemical and nuclear warfare combat environment, provide specialized equipment, facilities, and transport for the treatment and management of combat casualties.

0604704F Common Support Equipment Development;X-6-01;
Includes RDT&E funds to develop more standardized flightline ground support equipment, for example, a hydraulic test stand; aircraft towbars; and various test equipment.

Excludes civilian and military manpower and their related costs, and military construction costs which are included in appropriate management and support elements of this program.

0604706F Life Support Systems;;

Includes RDT&E funds to provide air crewmen with equipment and subsystems necessary to maximize both their functional contribution to aeronautical weapon systems and the probability of their survival in in-flight or ground emergencies. It encompasses the intergration of all life support equipment and subsystems.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604707F Weather Systems - Eng Dev (H);X-95-3;;
Includes RDT&E funds for Engineering Development of Systems and Techniques to provide weather service to USAF and U.S. Army.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate Management and Support elements.

0604708F Civil, Fire, Environmental, Shelter Engineering;X-9-02;
Includes 6.4 RDT&E funds to develop, test and evaluate improved: tactical shelters; fire fighting and rescue equipment/agents/procedures; alternate energy and environmental pollution abatement equipment/materials/procedures; airfield pavement equipment/materials/procedures. Special and peculiar needs of various theaters of operation, including those needs peculiar to the Rapid Deployment Forces, are addressed.

Excludes civilian and military manpower and their related costs, and military construction costs which are includes in appropriate management and support elements of this program.

0604709F Improving Tactical Bombing (H);X-5-03;
Includes RDT&E funds directed toward providing the tactical Air Force with a more accurate and versatile weapon delivery capability. This program is currently comprised of two existing projects: PAVE SPIKE (Project 1129), and PAVE PENNY (Project 5069).

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604710F Reconnaissance Equipment (H);X-92-4;;
Includes RDT&E funds for engineering development of airborne and ground equipment used to collect, record, transmit, and process imagery, radar, and electronic warfare support measures data for operational forces.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604711F Systems Survivability (Nuclear Effects);X-78-008;
Includes RDT&E funds to provide a means to assess the survivability/vulnerability of Air Force projected and operational aerospace systems that may be required to operate in nuclear environments.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604714F Improved Aircraft Firefighting Equipment (H);X-78-003;
Includes peculiar and support equipment, necessary facilities, and the associated costs specifically identified and measurable to the following: RDT&E funds for the support of the tri-Service program designed to identify,coordinate, and fulfill present and future crash rescue and aircraft ground fire system requirements. Relationships between fire suppression variables, such as agent capability, type, and amount of flammables, temperature distributions, and application techniques, will be developed. This program will also develop criteria based on operational factors, such as aircraft size, fuel load and type, structural materials and airfield size, and will further develop standardized test techniques and criteria for performance evaluation. The final goal is development of improved and standardized systems for use by all Military Services and possibly other government agencies.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604715F DoD Physical Security Equipment - Exterior (H);X-92-3;
Includes peculiar and support equipment, necessary facilities, and the associated costs specifically identified and measurable to the following: RDT&E funds for full scale (engineering) development and intergration of physical security equipment selected from program element 0603714F, as well as appropriate commercial candidates, into DoD standardized Exterior Physical Security Systems; ensuring interoperability between the exterior and interior Physical Security Systems; providing intersystem compatibility of physical security adjuncts to other USAF and DoD managed programs; establishing a Qualified Products List (QPL) for both military developed and commercial exterior physical equipment; and procurement planning for acquisition and support of AF-developed equipment for all Services. In most cases, multiple candidates will be developed in the detection, imaging, and entry control functional areas, together with the requisite elements of command and control pertaining thereto. This is necessary to satisfy the varied security problems (operational and environmental) encountered worldwide while maintaining the "DoD Standardized" nature of the selected equipment. The principal benefits of this program are the increase in the level of physical security of DoD critical mission resources worldwide, the more efficient utilization and allocation of security manpower of all Services, and the aforementioned "equipment standardization" among all DoD components.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604716F Sensors for Weather Reconnaissance Aircraft (H);;
Includes RDT&E funds for contractual effort managed by the Electronics Systems Division (ESD) of the Air Force Systems Command.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604718F COBRA MIST (H);;

0604719F EW Reprogramming Update (H);X-5-03;
RDT&E funds to support engineering development of computer aided tools, interfaces and support systems to update present capability to rapidly reprogram EW systems in response to change in the threat environment.

Excludes: Civilian and military manpower and their related cost and military construction cost which are included in appropriate management and support elements in this program.

0604720F Mapping, Charting and Geodesy (H);;

0604721F Common Mobility Support (H);;
Includes peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: RDT&E funds for developing improved operating and support facilities specifically designed for minimum size and weight, compatibility with transport aircraft, adequacy for long-range use, and cost effectiveness operations. The equipment will not only increase the effectiveness of deployed units, but will significantly reduce the time for deployment and build-up, as well as permitting recovery of the facilities for redeployment in lieu of abandonment. Billeting and work shelters, specific functional shelters with built-up equipment (i.e., maintenance shops), utilities, sanitary, and dining facilities, air transportable hospital, and airfield operating equipment are included. All equipment is designed to be erected by the user in minimum time, and it permits incremental deployment for support of forces ranging from small units to a complete wing with tenant and supporting organizations. Deployment locations can range from an operating base requiring augmentation to a classic "bare base" which consists of a runway/ramp, water source, and nothing else.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604722F Strategic C3 Implementation (H);X-5-03;
Provides the normal acquisition management milestones for WWMCCS C3 programs coming out of advanced development into FSED (PE 0603735F). Candidate programs are the first in a series of WWMCCS C3 programs ready for FSED (i.e. JRSC, JCMC, WIS).

Excludes military and civilian manpower and their related cost and military construction costs which are included in appropriate management and support elements in this program.

0604723F E-4 (H);X-78-003;
Includes RDT&E funds to provide the National Military Command System (NMCS) and the Strategic Air Command with an improved airborne command post.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604724F Tactical C3 Countermeasures (H);X-91-2;

Includes RDT&E funds for development of electronic combat equipment to counter hostile tactical command, control, and communications (C3) systems. Has application for ECM pod modules, RPVs, and C-130 type C3 jammer equipment.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604725F Combat Identification Systems;X-1-005;
Includes RDT&E funds to provide for the engineering development necessary to take advantage of promising identification methods where feasibility has been demonstrated in advanced development (eg, under PE 0603742F). This Program Element (PE) supports engineering and flight test activities leading to the eventual transition of improved identification capabilities to the operational forces. The PE addresses complementary technological approaches for providing improved identification capabilities (ie, cooperative, noncooperative and the intergration of the two) to assure a high confidence identification capability over the wide range of conditions existing in tactical warfare situations. Work accomplished under this PE is part of an integrated Tri-Service effort, under the Air Force led Combat Identification System (CIS) Program, to improve US identification capabilities worldwide.

0604726F EIFEL II (H);X-5-03;
Includes RDT&E funds for the development of an improved automated tactical air command and control system to support offensive air operations in the European Central Region. The objective is a cooperative effort between the US and Federal Republic of Germany to develop an automated data processing system, EIFEL II, for air command and control which adheres to the philosophy of rationalization, standardization and interoperability outlined in the NATO Long Term Defense Plan. The EIFEL II system will upgrade the EIFEL/DISTEL I system at the Allied Tactical Operations Centers and associated command and control facilities (MOBs, 50Cs, ASOCs, CRCs, CRPs). (See PE 0207415F and 0207411F).

0604727F Joint Standoff Weapons Systems;X-9-02;
This program funds USAF participation in the development of standoff weapons and subsystems for joint and Allied use. The primary project is the Modular Standoff Weapons (MSOW) program which will develop standoff weapons variants to attack fixed and mobile targets such as airfields, armor and air defense units. The U.S., Germany, Italy, Spain, and the U.K. have signed Memorandum of Understanding (MOU) to formally cooperate in this development effort. This PE funds the Project Definition (PD) Phase of MSOW and the Full Scale Development of MSOW/JSOW variants. This program may also provide funding as necessary to develop/demonstrate subsystems to support evolving JSOW requirements.

0604728F Tactical LORAN (H);;
Includes RDT&E funds to provide improvements to and engineering of the basic Tactical Long Range Navigation (LORAN) ground transmitter and other components of the ground chain; development of new airborne LORAN equipment and its integration with other elements and systems in various aircraft; and incorporation of LORAN D capability into applicable command and control systems.

Excludes civilian and military manpower and their related costs and military construction costs which are included

in appropriate management and support elements in this program.

0604729F COMPASS COPE (H);X-78-003;
Includes peculiar and support equipment, necessary facilities, and the associated costs specifically identified and measurable to the following: Design, fabrication, assembly and flight test of a preproduction prototype COMPASS COPE system consisting of high altitude, long endurance, remotely piloted vehicles, a ground control and communications system, peculiar support equipment, data, training, spares, and technical support. The objectives of this engineering development effort are to demonstrate that system technical risks have been minimized, and to determine the operational effectiveness and suitability of the system. Accomplishment of both objectives is required in preparation for a production decision on COMPASS COPE.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604730F Ground Based Sensors Development and Testing (H);;

0604732F Drone/Remotely Piloted Vehicle Systems Development (H);;
Includes RDT&E funds for engineering development of the next generation of reconnaissance drones. A series of Required Operational Capability documents from the Strategic Air Command and the Tactical Air Command have defined requirements for these future unmanned reconnaissance vehicles.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604733F Surface Defense Suppression;;
Includes RDT&E funds to develop selected systems from those demonstrated in the Defense Suppression Program (PE 0603741F) which lead to an improved tactical capability for stand-off location and attack of surface-based, enemy air defense systems.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604735F Combat Training Ranges;X-94-6;;
Includes RDT&E funds to improve the Air Force capability to provide a realistic combat environment for training and Operational Test and Evaluation (OT&E) by improving methods and equipment for measuring the performance of aircrews and their weapons systems, both individually and in relation to force packages. With increases in sensor, weapons and avionics technology, training ranges need to provide the increased simulation and threat requirements necessary to train and test these sophisticated systems. This program element contains a mix of studies and prototype developments on improving range instrumentation, targets and threats and the related data transmission necessary to support each.

Excludes civilian and military manpower and their related costs and military construction costs which are incl uded in appropriate management and support elements in this program.

0604736F Foreign Weapons Evaluation (H);;
Includes peculiar and support equipment, necessary facilities, and the associated costs specifically identified and measurable to the following: RDT&E funds for the evaluation of military equipment developed by friendly foreign governments which have potential for meeting USAF operational requirements. Use of funds includes leasing or buying of the test article(s), modifying test articles or directly related equipment (interface, safety, etc.), technical and operational test support, test data reduction, engineering studies, and refurbishing costs related to returning test or test support articles to original configuration. Weapons or equipments selected for evaluation should have potential for introduction into U.S. Forces. Tests or evaluations may be in conjunction or competitive with domestically developed systems. Evaluations will normally be under the control of Air Force Systems Command and its intermediate commands and laboratories.

Excludes evaluation of foreign developed equipment for purposes other than suitability for meeting USAF operational requirements and introduction into the USAF operational inventory, and civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604737F Airborne Self-Protection Jammer (H);X-9-02;
Includes:
RDT&E funds to support engineering development of an internally mounted self-protection jammer for advanced tactical aircraft, and a comprehensive power management system for the ALQ-131 Electronic Countermeasures Pod. Jamming and power management systems will be developed to provide a capability to search, detect, track and electronically degrade the accuracy of target and missile trackers of enemy fire control systems.

Excludes:
Civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604738F Protective Systems (H);X-92-3;
Includes RDT&E funds for engineering development of electronic warfare subsystems for all in-Service tactical and strategic aircraft and the F-15, and the development and modernization of laboratory computer models/simulators and of instrumented flight test simulator replicas of Soviet ground and airborne electronic defense systems.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604739F Tactical Protective Systems (H);X-9-02;
Includes RDT&E funds for engineering development of electronic warfare subsystems for tactical aircraft. This element contains development of externally-carried (pod-mounted) equipment, as well as internally-mounted

equipment.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604740F Computer Resource Technology Transition (CRTT) ;X-92-4;;
This is an engineering development program that addresses problems of acquiring computer resources embedded in Air Force systems. This PE is a primary vehicle for transferring the products of advanced development efforts in computer resource technology into system applications. The objectives are to identify, develop and transfer into active use, tools, techniques and computer technology advances that support the following: (1) Providing reliable, survivable and secure systems; (2) Reducing software development and support costs; (3) Providing timely development and support of computer resource product; (4) Enhancing in-house productivity and the ability to acquire and support systems; (5) Providing a totally integrated capability to create, accept, retrieve, store digital technical information for life cycle support for Air Force Systems.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604741F High Accuracy Targeting Systems (H);X-78-003;
Includes RDT&E funds to develop accurate tactical location and targeting systems for use with precision stand-off strike systems. Includes developments for pinpoint location/targeting of radars, other special emitters, and nonradiating fixed targets, such as bridges, marshaling areas, and choke points.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604742F Precision Location Strike System (H);X-92-4;;
Includes RDT&E funds to develop an integrated, tactical location/strike system for accurate, near-real-time, emitter location in a dense electromagnetic environment. The system also provides precision, all-weather guidance of stand-off weapons to strike emitters and other fixed targets located in its electronic grid.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604743F Tactical Support Jamming (H);;
Includes RDT&E funds to determine the "mix" of systems needed and to develop and test prototype support jamming systems and devices that are needed for the Tactical Forces. The prototype will provide the basis for subsequent modification/production programs. This program element encompasses three projects: F-4D WILD WEASEL with ALQ-99 pod jammers; expendable drones; and expendable countermeasures. The EF-111A portion of the "mix" is funded under PE 0604220F.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604744F Air Warning and Control System (AWACS) (H);X-78-003;
Includes RDT&E funds necessary to provide an over-all airborne, air surveillance capability with command, control, and communication functions. It can detect and track aircraft at high and low altitudes, over both land and water, and provides the only practical method of tracking low altitude aircraft over extended areas. Survivability on the ground is provided through the capability to remain on extended alert and become quickly airborne on warning. Aloft, the system can track the developing air situation, maneuver at jet speeds, and command weapons in its own defense. The AWACS provides an efficient solution to the requirement for survivable air defense surveillance and control and a rapidly deployable tactical command and control capability.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604745F F-4 WILD WEASEL/ALQ-99 (H);;

0604746F Expendable Drones (H);X-5-03;
Includes peculiar and support equipment, necessary facilities, and the associated costs specifically identified and measurable to the following project:

Project 2942, Low Cost Expendable Harassment Vehicle (LCEHV): RDT&E funds for the development of a low-cost, expendable minidrone for radar suppression. The LCEHV will be used to augment WILD WEASEL and similar defense suppression systems and will provide a persistent threat to radars operating in areas where the vehicle is programmed to operate. Current efforts on this system consist of the program definition and planning required to support full-scale development.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604747F Electromagnetic Radiation Test Facilities;;
Includes peculiar and support equipment, necessary facilities, and the associated costs specifically identified and measurable to the following: RDT&E funds for the development and acquisition of test facilities to simulate an electromagnetic pulse environment for systems which may be required to operate after a nuclear detonation. The primary effort is the fabrication of the TRESTLE facility for testing large aircraft, such as the Advanced Airborne Command Post, B-1, EC-135, and Airborne Warning and Control System in a threat level electromagnetic pulse environment.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604750F Intelligence Equipment;;
Includes peculiar and support equipment, necessary facilities, and the associated costs specifically identified

and measurable to the following: RDT&E funds for providing engineering development of ground equipment used to process, integrate, analyze, and display or distribute intelligence data. Improvements are needed to exploit the products of new collection systems and realize their full potential by rapidly providing intelligence information. Projects under this program element are responsive to the intelligence requirements of the Major Commands and other DoD agencies for which the Air Force has research and development responsibilities. The equipment developed support fixed intelligence facilities and include electronic intelligence and photo intelligence data handling items, as well as man-machine interfaces with large volume intelligence data bases, to provide a reliable and near-real-time intelligence processing capability. The purpose of the work accomplished in this program element is to provide intelligence equipment representing modern advances in technology to meet the requirements of a commander for the intelligence information necessary to make a decision in a timely and effective manner. Engineering prototypes for follow-on production are developed under this program element.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604751F Intra-Theater Imagery Systems (H);X-5-03;
Includes peculiar and support equipment, necessary facilities, and the associated costs specifically identified and measurable to the following: RDT&E funds for providing engineering development of ground equipment to scan, process, disseminate, and record imagery for use by operational forces in support of the command and control of tactical warfare. A capability is needed to rapidly transmit selected, high priority, time sensitive imagery to target decisionmakers, mission planners, and strike teams to meet requirements of effective tactical air operations. Some critical imagery is also needed by tactical Army elements. Engineering prototype for follow-on-production and feasibility demonstrations, test and evaluation are included in this program element.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604752F NATO Airborne Early Warning and Control (AEW&C) Aircraft (H);;
Includes RDT&E funds necessary to support the United States' share of design and development activities for the NATO AEW&C program.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604753F Combat Helicopter Modernization (H);X-8-04;
Includes RDT&E funding to determine the ability of a variant Army UTTS/Navy LAMPS to serve as a replacement for the H-3 in the rescue and special operations role. These studies will be preliminary engineering investigations of sufficient detail to determine locations of equipment, impact on aircraft performance, and cost impacts on the development and acquisition of the proposed helicopters. Long-range plan is to modify UTTAS/LAMPS production vehicles to accomplish the Air Force rescue mission.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604754F Joint Tactical Information Distribution System (JTIDS);;

This is a joint Service program, the purpose of which is to develop a time-ordered, secure, jam-resistant, low intercept potential, digital, ground-air-ground and air-to-air communication system with a relative positioning/navigation capability; to develop, prototype, and test the terminals and interfaces required for various Service applications; to conduct DT&E on the system and terminals; and to initiate actions leading to installation of terminals in operational elements of the Air Force. The system will be structured to operate as a communications bus into which users transmit into the bus that information of which they have most knowledge, and withdraw from the bus that information of greatest value for their specific mission. The system will interconnect all force elements, including ground and airborne command control and surveillance centers and combat and support aircraft. Work will include basic system signal structure design, general system engineering, electromagnetic compatibility studies and tests in conjunction with the FAA, engineering development of terminals for use in fighter-type aircraft and manpack applications, integration of the system and terminals into surface command and control elements, and participation in OT&E for various systems such as TACS, AWACS, F-15, etc.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604755F Improved Capability for Development Test & Evaluation;X-3-01;

This program element provides for the engineering, development, acquisition and installation of significant new test range and instrumentation systems required for development, test and evaluation. These new systems will improve AFSC's capability to test and evaluate new or improved weapons and support systems. The major improvement and modernization projects were transferred to this Program Element from PE 0705807F, Test and Evaluation Support, in FY 83 to increase management visibility of these projects.

Excludes development and acquisition of weapons and weapons support systems, civilian and military manpower, military construction or operations and maintenance costs which are included in appropriate development or support program elements.

0604756F Side Looking Airborne Radar;X-79-010;

Includes RDT&E funds to support engineering development and test of advanced SLAR components and systems capable of collecting, transmitting, processing, and exploiting reconnaissance and strike information during night and adverse weather conditions from an airborne platform. Requirements include reliable detection, and location of fixed, mobile, or moving tactical targets from long standoff ranges, near-real time data exploitation, direct weapons bus control and/or handoff to strike systems.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604757F Systems Protection (H);X-5-03;

Includes RDT&E funds for contractual effort to assess the vulnerability of certain USAF systems to a classified damage mechanism.

Excludes civilian and military manpower and their related costs.

0604758F Companion Trainer Aircraft Development (H);X-5-03;

Includes all R&D resources directly associated with development of the Companion Trainer Aircraft (CTA). The CTA is a SAC initiative to investigate the use of an off-the-shelf, low cost modified Business Jet to provide aircrews with real inflight training in basic airmanship, navigation, crew coordination, and primary mission task.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program. Investment and operational resources are contained in 0101814F.

0604759F Major T&E Investment;X-93-2;;
Includes funding for the development and acquisition of major upgrades for improvement and modernization (I&M) of test and evaluation activities that comprise the Army/Navy/Air Force portion of the DoD Major Range and Test Facility Base. I&M is defined as those investments that exceed $2 million per year or $10 million in total.

0604770F Joint Surveillance/Target Attack Radar System (JSTARS);X-3-03;
This joint Air Force/Army program (Joint STARS) develops a common, multi-mode radar and related control/processing systems to provide moving target detection, fixed target detection and weapons guidance capability. The system is to satisfy the needs of both services, with the TR-1 and OV-1 as primary platforms with B-707-like platforms as complementary platforms where justified for redundancy, survivability and mobility. The program initially focuses on accelerated fielding of the wide- area surveillance moving target indication and fixed target indicator modes, with designed-in pre-planned growth to include the weapons guidance capability. This joint effort is also reflected in PE 0603770F and Army PE's 0603770A and 0604770A.

Excludes civilian and military manpower and their related costs and military manpower and their related costs and military construction costs which are included in appropriate management and support elements of this program.

0604778F NAVSTAR Global Positioning System (H);X-7-04;
Includes full scale engineering development (FSED) of the Navstar Global Positioning System (GPS). This involves FSED of the space, ground control and GPS Initial Operational Test and Evaluation (IOT&E) user equipment. The user equipment is designed to function with the satellites and ground control segment of the system to provide global, highly accurate information to serve a broad spectrum of navigation and positioning missions. Operational control station development and block change to the satellites to incorporate required operational features are included. Purchase of additional satellites (to replenish those launched during the concept validation phase) in order to provide appropriate satellite availability in the 1982-1983 timeframe is included. Both GPS user equipment IOT&E and range tracking instrumentation is included for the Navy's fleet ballistic missile improved accuracy program are to be supported.

Excludes procurement, operation and manpower associated with the operational space and control segments and civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604779F Joint Interoperability of Tactical Command & Control Systems (JINTACCS);X-78-004;
Includes Joint Interoperability Program to improve the operational effectiveness of Service (Army, Navy, Air Force, and Marine Corps) Tactical Command and Control Systems planned for use in joint operations through the

1980s. Objective is to develop interface design standards, message formats, and data elements for common Service use; modify affected Air Force equipment; and participate in testing and joint operational effectiveness demonstrations. The JINTACCS standards will be the baseline for use in developing NATO interoperability standards.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604800F Joint Advanced Strike Technology (JAST) - EMD;X-95-1;
Continues engineering and manufacturing development of a joint program to develop a high-technology, low-cost multirole fighter aircraft for the Air Force, Navy, and Marine Corps.

0604851F Intercontinental Ballistic Missile - EMD;X-95-1;
Includes engineering and manufacturing development efforts to support Minuteman efforts focused on extending the service life of Minuteman III through 2020, including replacing 1960 vintage electronics in the guidance system and refurbishing propulsion stages to correct age-related degradation and to maintain reliability.

0604853F Evolved Expendable Launch Vehicle (EELV) Program - EMD;X-95-1;
Includes engineering and manufacturing development efforts in support of a more affordable and more reliable family of expendable launch vehicles and supporting infrastructure to replace the current medium and heavy lift expendable launch vehicle fleet.

0604889F Counterdrug Engineering and Manufacturing Development Projects;X-94-2;;
Captures all counterdrug engineering and manufacturing development costs not associated with a couterdrug-unique PE and specifically identified and measurable against other active counterdrug programs.

May also be used for demand reduction engineering and manufacturing development. Only projects approved by the Secretary of Defense and supported by the transfer appropriation will be included.

0605001F R&D Industrial Fund Activities (H);;

0605002F Revenues (R&D Industrial Fund Activities) (H);;

0605003F Science Laboratory Avionics (AVLAB) (H);;

0605005F Aircraft Test Facilities (H);;

0605006F Research and Development Facilities (H);;
Includes military construction funds to finance the construction of technical facilities in support of Air Force research and development at various locations.

Excludes R&D, military personnel, O&M, and procurement appropriations which are included in appropriate elements in this program.

0605007F Electro Gas Dynamic Facility, WPAFB (H);;

0605008F Toxic Alt-Prop Research Facility (H);;

0605009F High Thrust Rocket Research Facility (H);;

0605010F Other Construction (H);;
Includes military construction funds for technical and secondary support facilities under five million dollars in support of two or more RDT&E technical program elements.

Excludes R&D, procurement, military personnel, and Operations and Maintenance costs which are included in the appropriate elements in this program.

0605101F RAND Project Air Force;X-92-3;
This project provides to the Air Force a broad program of long-term study and research for the development and employment of aerospace power. The project's continuing independent, objective, and knowledgeable research analyzes and expands available policy support and operational alternatives, and assists the Air Force to make better decisions on major issues. The current work program covers the general areas of Strategic Forces; General Purpose Forces; Logistics; Manpower, Personnel and Training; R&D and Acquisition, and Supporting Research in methodologies and technical areas critical to Air Force operation.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0605102F Analytic Services, Inc. (ANSER) (H);X-78-003;
Includes RDT&E funds necessary to satisfy the continuing need of the Deputy Chief of Staff for Research and Development for timely and objective systems analyses, operations research, and development planning studies of advanced weapons systems. In this capacity, ANSER is tasked for quick response, scientific and technical assistance in concept formulation ,cost effectiveness studies, evaluation of requirements, preparation of

Capabilities Master Plans, and preparation of technical inputs for advanced systems.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0605103F Studies and Analyses (H);;

0605301F Space and Missile Test Center (SAMTEC) (H);;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: resources for the continued operation and improvement of the Air Force Space and Missile Test Center which is made up of range (Western Test Range) and test (6595th Aerospace Test Wing) elements. The Western Test Range portion provides range data acquisition and flight safety support for all ballistic missile and space system launches from Vandenberg AFB, California. The 6595th ATW conducts launch operations at both Vandenberg AFB and Cape Kennedy AFS, Florida, for assigned missile and space system programs.

Excludes procurement of missiles and electronic systems and all Defense Communications System (DCS) and non-DCS communications resources.

0605302F Eastern Test Range (H);;

0605303F STL (H);;

0605304F Acquisition & Command Support (ACS) - Telecommunications (H);X-9-02;
Includes funds for DCS and non-DCS communications supporting the Acquisition and Command Support program (PE 0605806F). Includes dedicated leased circuits and base communications services (leased networks, nontactical radios, wire services, TWX, and toll services), and Air Force Systems Command postage.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program; and AUTODIN and AUTOVON access lines and leased terminal costs (see PE's 0303112F and 0303126F).

0605305F Eastern Test Range (DCS) (H);;

0605306F Ranch Hand II Epidemiology Study;X-1-005;
This program element includes RDT&E funds necessary to conduct an epidemiology study of possible health effects on Air Force personnel and veterans who conducted aerial herbicide missions in Vietnam (Ranch Hand). This study

resulted from an Air Force commitment to Congress and to the White House (Domestic Policy Council) to determine whether long-term health effects exist and can be attributed to routine occupational exposures to herbicide orange. This is potentially a 20-year program involving a comparison of Ranch Hand personnel to other crewmembers and support personnel serving in Vietnam, who were not exposed to herbicides for:

a. Mortality

b. Current and past health status (questionnaire and physical examination).

c. Follow-up health status (readministration of an adapted questionnaire reaccomplishment of an adapted physical exam at 3-, 5-, 10-, 15-, and 20-year time periods).

0605402F Aerospace (H);;

Includes RDT&E funds necessary to provide scientific and engineering support to the Space and Missile Systems Organization (SAMSO) of Air Force System Command in the fields of space and ballistic missiles. The Aerospace Corporation provides personnel with outstanding technical capabilities in the fields of systems engineering, aeronautics, chemistry, structure, electronics, astronautics, system analysis, and costing and technical management. The principal activities of the corporation include systems engineering/technical direction, development and operational planning and analysis, research and experimentation, space and missile technology studies, and analysis of foreign missile and space systems.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0605403F AEDC Service Fund (Expense) (IF) (H);;

0605404F Revenues (AEDC Service Fund) (IF) (H);;

0605502F Small Business Innovative Research (H);X-92-4;;

0605701F Test Intrumentation (H);;

0605702F Information Analysis Center (H);;

0605703F Joint Task Force 2 Instrumentation Support (H);;

0605704F Theater Air Defense BMC4I;X-95-3;;

Includes funds for study, analysis, demonstration and establishment of integrate Theater Air Defense Battle Management Command, Control, Communications, Computers, and Intelligence (TAD BMC4I) which fuses and expands on existing and emerging capabilities to support the theater CINCs. This program involves defining baseline TAD BMC4I architectures and developing objective architectures; analyzing TAD BMC4I issues in a coordinated Joint staff/Services/ CINCs/Defense Agencies manner; reviewing requirements, programs, systems, architectures, studies, modeling and associated impacts on TAD BMC4I interoperability; identifying TAD BMC4I shortfalls and proposed solutions; establishing and maintaining a TAD BMC4I requirements database; assessing allied TAD BMC4I issues; and supporting exercises and demonstrations of integrated TAD BMC4I capabilities.

0605705F Lincoln Laboratory (H);X-80-004;

RDT&E funds identified to the mission of the Lincoln Laboratory which is designed to carry out a program of research and development pertinent to national defense, with particular emphasis on advanced electronics. The Laboratory's principal fields of specialty within the broad field of electronics are radar and optical sensors, signal design and processing, analog and digital technology, communications, electromechanical control systems, solid-state technology, and antennas and electromagnetic propagation. Typical categories of activity include the evolution and demonstration of the feasibility of new concepts and technology; laboratory construction of initial models of equipment suitable for field demonstration and test; and providing technical advice and consultation in areas of its demonstrated competence.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0605706F MITRE (H);;

Includes RDT&E funds identified to the Mitre Corporation which provides scientific and engineering support to the Electronic Systems Division of Air Force Systems Command in the areas of command and control, communications, sensor and support systems. The principal activities of the corporation include planning and analysis, systems engineering/technical direction, systems integration, technology studies, and foreign systems studies and analysis. The corporation provides personnel with outstanding technical capabilities in the areas of computer hardware, software and peripheral equipment; digital communications, signal processing; data compression; communications devices and techniques; sensor devices and techniques; systems analysis and costing; and technical management.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0605707F ITTCS (H);;

0605708F Navigation/Radar/Sled Track Test Support;X-3-01;

The facilities operated by the 6585TG are an essential part of testing modern weapon systems. Standardized tests of inertial and other DoD navigation systems in cargo, helicopter and fighter test beds will be peformed by the Central Inertial Guidance Test Facility (CIGTF) personnel. Measurement of radar target backscatter, antenna gain and radiation patterns are obtained in the unique Radar target Scattering (RATSCAT) facility. The 6585TG also operates a high speed test track used for testing navigational systems, environmental effects on reentry systems

and aircraft escape systems under high speed, high acceleration conditions. Finally, the Test Group provides airspace management and liaison for Air Force testing at the Army's White Sands Missile Range.

Prior to FY 83, only the funding associated with navigation verification efforts at CIGTF were included in this Program Element. Beginning in FY 83, the 6585th (including manpower) will be included in this program element as directed by OSD in PBD 275. The added tasks were previously funded in PE 0605807F.

0605712F Initial Operational Test & Evaluation;X-0-05;
To fund for tests conducted to evaluate a prospective system's operational effectiveness and suitability and to identify any operational deficiencies or need for modifications in support of the acquisition process. In addition, IOT&E provides information on organization structure, personnel, logistics requirements, doctrine and tactics. IOT&E is essentially an operational assessment of a system's performance when the complete system is tested and evaluated against operational criteria by personnel with the same qualifications as those who will operate, maintain and support the system when deployed. In general, IOT&E is performed on new systems in development, major modifications, and other systems as directed by SAF and OSD. In addition, this PE will fund major Operational Utility Evaluations (OUEs) and Early Operational Assessments (EOAs), which support major milestones and decision points to the Milestone IIIB.

0605801F International Cooperative Research and Development (H);X-80-004;
Includes RDT&E funds to support efforts within the free world to establish and conduct international research, development, test, and evaluation with friendly nations. This joint effort permits sharing program costs, technical knowledge, unique techniques, and production capacity. This program pays for the travel and per diem expenses of many scientists, engineers, and project managers who travel to free world countries to promote and monitor international RDT&E; provides funding support for international meetings and symposiums hosted by the United States; pays salaries and allowances for U.S. employees assigned to international R&D organizations; and provides funds to lease or buy equipment, make modifications, provide technical and operational test support, and engineering studies for the evaluation of Allied-developed equipments.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0605802F AEDC Base Costs (H);;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: Resources necessary for the Arnold Engineering Development Center (AEDC) to provide ground environmental test support for the timely acquisition of superior aerospace systems. AEDC performs development testing , qualification, and evaluation of aircraft engines and rocket propulsion system at simulated altitude conditions; aerodynamic testing of aerospace vehicles, munitions, prototypes or scale models; space simulation for satellite development and qualification testing; and controlled atmospheric conditions in aeroballistic ranges for development and evaluation of R/V decoys and conventional weapons.

0605804F Defense Documentation Center (DDC) (H);;

0605805F Development and Test Support (H);;

Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: Resources to support the Commander, his staff, the technical mission, and base support functions at each of the organizations listed below. Categories of cost include pay and related costs of civilian personnel, travel, transportation, rents, utilities, contractual services, Depot Maintenance Industrial Fund, supplies and equipment. Organizations and missions are:

Air Force Flight Test Center: Conducts tests of manned and unmanned aircraft systems, accomplishes flight evaluation and recovery of designated aerospace research vehicles, performs development testing and evaluation of aerodynamic decelerators and runway barriers, and operates the USAF Aerospace Research Pilot School.

Air Force Special Weapons Center: Performs testing to determine aircraft compatibility with special weapons and associated equipment, provides air support for the AEC/DoD nuclear test program, operates the Central Inertial Guidance Test Facility, the High Speed Test Track, and the Radar Target Scatter Facility at Holloman AFB.

Armament Development Test Center: Provides planning, research, development testing, evaluation, and initial procurement of non-nuclear munitions, operates the 800 square mile Eglin AFB Armament Development and Test Complex, provides support testing for weapon effectiveness, electronic warfare, command and control, intrusion/interdiction systems, missiles and munitions, and aeronautical systems integration.

0605806F Acquisition and Command Support;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: Resources to support the Commander, his staff, the technical mission, and base support functions of the organizations listed below. Categories of cost include pay and related costs of civilian personnel, travel, transportation, rents, utilities, contractual services, Depot Maintenance Industrial Fund, supplies, and equipment. Provides resources for command-wide technical and administrative support. Provides resources for specific Armament Systems Project Officers and certain other smaller organizational units not listed below: Organizations and missions are:

Aeronautical Systems Division, Wright-Patterson AFB, Ohio: Plans, programs, develops, and acquires aeronautical systems and subsystems. AFSC is the lead division for planning limited war/special air warfare and reconnaissance systems.

Electronic Systems Division, Hanscom AFB, Maine: Plans command control and communications-electronics systems for aerospace forces.

Aerospace Medical Division, Brooks AFB, Texas: Plans and accomplishes biomedical support for aerospace systems.

Space and Missile Systems Organization, Los Angles AFS, California: Plans, programs, and manages space and missile systems; performs launch, on-orbit tracking, data acquisition, and command and control of DoD satellites.

Excludes all Defense Communications Systems (DCS) and non-DCS communications resources (PE 0605304F, SAMTEC and ACS Communications); and Headquaters, Air Force Systems Command resources in PEs 0605898F, 0605809F, 0901214F and 0901298F.

0605807F Test and Evaluation Support;X-78-008;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: Funds for operating four test activities within the Air

Force Systems Command. Operation includes both technical mission and base support functions. The test centers are Arnold Engineering Development Center (AEDC), Armament Development and Test Center (ADTC), Air Force Flight Test Center (AFFTC), and 4950th Test Wing. These activities provide test and evaluation support to Air Force programs and those of other Services and Government agencies.

AEDC - Provides environmental test capability for the Air Force and operates 40 test units consisting of wind tunnels, altitude engine and rocket cells, space chambers, and aero-ballistic ranges.

ADTC - Provides Air Force non-nuclear armament development (munitions and electro-magnetic warfare) and is the focal point for munitions integration in aeronautical systems. Provides overall management control of the Central Inertial Guidance Test Facility (CIGTF), Radar Target Scatter Facility (RATSCAT), and the High-Speed Test Track, which are physically located at Holloman AFB.

AFFTC - Conducts and supports test of aircraft and aircraft systems, aerospace research vehicles, remotely piloted vehicles (RPVs), cruise missiles, and parachute delivery and recovery systems. The AFFTC also operates the United States Air Force Test Pilot School which trains Department of Defense, allied, and contractor test pilots and flight engineers.

4950th TEST WING - Performs flight test engineering in the development of Airborne Systems, to include tracking, communications and control, data reduction, and test analysis. Supports space vehicle tracking for Air Force and other Government agencies. Provides major aircraft modification center for Class II modifications of test aircraft.

Excludes procurement of aeronautical, munitions, missiles and electronic systems; and operation of Space and Missile Test Center (PE 0708032F).

0605808F Development Planning;X-9-05;

This program will provide the Air Force with support in thoroughly assessing Air Force requirements and in translating these requirements into concepts, designs, and management approaches for future weapon systems acquisition and operation. Long-term studies cover strategic and general purpose forces, their associated technology requirements, command and control, acquisition strategies, and other areas critical to Air Force operations. Requirements and development planning studies will explore new concepts and designs, improvements to existing systems, and force utilization and effectiveness. Technology needs will be identified and related to specific system developments, and foreign systems and technology will be evaluated for their impact on Air Force system requirements and effectiveness.

This program was established to provide for technical analysis and planning support previously provided under PEs 0605402F, Aerospace; 0605706F, MITRE; and 0605102F, ANSER. The technical support previously provided under the FCRC program elements is carried in this program element to provide the Air Force greater flexibility in selection of performers. However, this realignment of funds will not preclude the use of Aerospace, MITRE and ANSER. The level of effort of this program will be increased over the next several years to correspond with the Federal Contract Research Center (FCRC) program reductions.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0605809F DYCOMS (H);X-95-2;

Includes RDT&E funds for design, development and installation of a Dynamic Radar Cross Section measurement facility to provide needed capability for developing Low Observable Aircraft/Missiles.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0605853F Environmental Conservation;X-94-6;;
Conservation includes any action specifically required to protect or enhance natural and cultural resources, preserve access to improved and unimproved training areas, and make necessary repairs to minimize erosion and otherwise rehabilitate DoD lands and waters. This includes complying with federal, state and local codes such as the National Historic Preservation Act, Archaeological Resources Protection Act, Native American Graves Protection and Repatriation Act, Endangered Species Act, Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), and the Sikes Act.

Funds all costs associated with direct support of conservation activities, including:

A. Studies and surveys to identify, inventory, and manage existing natural and cultural resources and evaluation of the resources so identified and inventoried;
B. Management costs, including workyears devoted to natural and cultural activities and preparing natural and cultural resource management plans;
C. Permits for use of natural and cultural resources;
D. Certification of innovative technology for DoD applications;
E. Design, construction, maintenance or repair costs specifically required to restore, improve or maintain natural or cultural resources;
F. Supplies and equipment required to carry out applicable natural and cultural resources management activities;
G. Appropriated funds attributable to fish, wildlife, agricultural outleasing and timber management activities.

Excludes:

A. Base Closure costs associated with these programs;
B. Normal maintenance required for appearance, including landscaping;
C. NEPA costs associated with facilities or weapons systems which are included in facility or weapon system costs;
D. Activities funded in the Defense Business Operations Fund (DBOF), which are charged to the appropriate DBOF program elements.

0605854F Pollution Prevention;X-94-6;;
Pollution prevention is any action that is designed to reduce or eliminate (rather than control or treat) the

future impact that an operation may have on the environment (including impacts to the air, surface and ground waters, vegetation and soils) through the source reduction of pollutants, more efficient use of natural resources, recycling, and/or reduced emissions of toxic and other undesirable materials or wastes to the environment.

Funds all costs associated with pollution prevention, including:

A. Certification of innovative technology for DoD applications;
B. Any laws, Executive Orders, or DoD policies that apply specifically to pollution prevention efforts;
C. Initial acquisition of environmentally acceptable replacements for hazardous materials required to comply with pollution prevention standards; (excludes normal replacement of hazardous material with less hazardous materials);
D. Installation level pollution prevention plans, assessments, equipment, and projects;
E. Review and modification of standardized documents for the sole purpose of eliminating or reducing the use of toxic chemicals and/or hazardous materials;
F. Cost of personnel and office operations directly involved with pollution prevention programs (including recycling programs);
G. Any facilities construction costs or maintenance costs primarily required to meet pollution prevention goals;

Excluding:

A. Research and development efforts associated with pollution prevention, which are covered under specific R&D program elements;
B. Normal infrastructure maintenance and repair to keep a system in good working order or system replacement as part of normal replacement cycles;
C. Activities funded in the Defense Business Operations Fund (DBOF), which are charged to the appropriate DBOF program elements;
D. Activities funded as part of a larger system acquisition program, which should be separately identified through cost accounting codes under the main system acquisition program element. For example, pollution prevention efforts included in the design of a new weapon system would be under the PE of the weapon system;
E. Base closure costs associated with these programs;
F. Activities funded within Family Housing program elements.

0605856F Environmental Compliance;X-94-6;;
Environmental Compliance includes actions to achieve and maintain full and sustained compliance with federal, state, and local environmental laws and regulations, Executive Orders, host nation regulations and DoD policies. Applies to workyears, training, travel, supplies, permits, fees, support equipment, service, and facilities (if the primary purpose is to comply with environmental standards) and the associated costs specifically identified and measurable to environmental compliance.

Funds all costs related to environmental compliance, including:

A. Recurring costs of environmental program management, daily operations and services, permits, fees, certifications, studies, and licenses; civilian workyears; education and training of environmental programs; hazardous waste management and disposal; sampling, analysis, monitoring and surveys; supplies, equipment, and travel.
B. Nonrecurring costs of projects/services required to bring DoD into compliance with environmental standards or comply with a notice of violation (Class I); to prevent DoD from failing to meet impending environmental standards (Class II); or to enhance the environment beyond legal requirements (Class III);
C. Pest management programs to meet FIFRA standards for pest management and pesticide storage, handling or use standards;
D. Overseas cleanup, as well as overseas compliance, efforts; and
E. Certification of innovative technology for DoD applications.

Excluding:

A. Efforts funded under Defense Environmental Restoration Account, Conservation, Pollution Prevention, BRAC or Occupational Health and Safety auspices;
B. Research and Development efforts associated with compliance, which are covered under specific R&D program elements;
C. Normal maintenance and repair to keep systems in working order, system replacement as part of normal replacement cycle; and normal installation operations (i.e. solid waste disposal including tipping fees, landfill operations, etc.); normal wastewater treatment plants, both domestic and industrial, which are appropriately included in base operations;
D. Upgrade/alteration of an industrial process undertaken for other than environmental purposes;
E. Environmental certification/licenses funded separately from mandatory requirements and training;
F. Routine pest control applications required to preserve structural integrity, properly charged to RPM and health applications, such as, mosquito control.

0605860F Rocket Systems Launch Program (RSLP);X-95-1;
Converts surplus ICBMs into test launch vehicles for sub-orbital and sounding rocket launches in support of DoD and other government agency programs. Provides mission planning, payload integration, launch support, booster storage and disposal, maintenance and logistics support. Also directly supports deactivated Minuteman II by providing storage and maintenance for these flight test assets.

0605863F RDT&E Aircraft Support;X-4-04;
The Test and Evaluation Aircraft Support Depot Maintenance Industrial Fund (DMIF) program provides resources for maintaining all Air Force Systems Command (AFSC) assigned test and test support coded aircraft and support

equipment items which are included as a portion of the Department of Defense Major Range and Test Facility Base (MRTFB). Funds are used to pay for depot level type maintenance such as: Programmed Depot Maintenance (PDM), which is the calendar based cyclic scheduling of aircraft and support equipment into the depots for update/inspection; modifications and time compliance technical orders (TCTOs); engine overhauls; exchangeables (recoverable components returned to the depots for repair such as fuel pumps, electric motors, etc.); and depot provided, area assistance. This program element supports approximately 180 RDT&E aircraft of 28 different types. Many of these aircraft are unique (pre-production, one-of-a-kind, etc.), and the majority are highly modified and/or uniquely instrumented. The wide variety and small quantity of each type aircraft possessed, the unique/highly modified condition of the test aircraft, the often dedicated status, and the individual work packages (when compounded by the demanding nature of the test environment) result in many challenging management problems which are routinely solved to assure that this large fleet of test aircraft is efficiently and effectively maintained.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0605872F Productivity Investments (H);X-92-3;
Provides "set-aside" RDT&E resources to finance productivity enhancing capital investments including component-sponsored investments. Candidate projects are included which meet the established DoD criteria in DoD Instruction 5010.36 and component criteria as described below:

Each project must (a) demonstrate adequate return on investment and compete for funding based on first four years of operations, (b) amortize during the economic life of the project, and (c) comply with all existing policies and regulations governing acquisition and management of equipment and facilities.

Excludes non-RDT&E funded productivity enhancing investments (See 09012150).

0605874F Product Performance Agreement Center (H);X-92-3;
Includes manpower authorizations, use of automated data processing equipment and the costs associated with assisting acquistion managers in structuring effective and enforceable warranties, guarantees and other product performance agreements (PPA). These costs include developing and maintaining a data repository on Military Services experience with PPAs, analyzing the effectiveness of the PPAs for developing lessons learned and for assisting higher headquarters in establishing appropriate PPA guidance, acquiring contractor engineering technical assistance for performing lengthy and detailed analyses of selected business and contractual arrangements and performing staff assistance visits to Air Force Acquisition Managers located throughout CONUS.

0605876F Minor Construction (RPM) - RDT&E ;X-91-3;;
Includes manpower authorizations, peculiar and support equipment, necessary faclities and the associated cost specifically identified and measurable to the following:

All construction costing less than the statutory maximum amount for a Minor Military Construction project as established by section 2805 of title 10 U.S.C.in support of R&D laboratories and other installations with a primary mission of research and development or test and evaluation.

0605878F Maintenance and Repair (RPM) - RDT&E ;X-91-3;;

Includes manpower authorizations, peculiar and support equipment, necessary faclities and the associated cost specifically identified and measurable to the following:

Maintenance and repair of real property, i.e., utilities, buildings, other facilities, pavements, (roads, parking areas, runways, etc.), land, and grounds. Includes, but not limited to, such things as repair of electrical circuitry, heating and air conditioning, water piping, and routine maintenance work such as caulking, painting, etc in support of R&D laboratories and other installations with a primary mission of research and development or test and evaluation.

0605879F Real Property Services (RPS) - RDT&E;X-94-7;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs of utility plant operations, purchased utilities, air conditioning and refrigeration, utility fuels, fire protection, crash rescue, snow removal and ice alleviation, entomological services, window glass replacement, elevator maintenance/inspection, custodial services, refuse collection and disposal, sewer and waste systems, rental of real property, facility engineering and public works management, other installation engineering services and other annual service requirements performed in-house or by contract.

0605890F Visual Information Activities-R&D;X-6-06;
Funds Visual Information programs, consisting of the following subsets: Visual information (VI) productions and services and VI support.

Includes manpower authorizations and costs, travel, contractual services, procurement of supplies and materials, expense equipment, necessary facilities and the associated costs specifically identified, separable into "in-house" and "contract" portions, and measurable to the following R&D functions, as appropriate:

o VI Productions and Services. Produce or acquire VI productions (i.e., slide and slide-sound sets, film strips, multi-media, video disc, audio productions, combination media), and motion media with sound. Includes resources for scripting, preproduction, production, postproduction, libraries, duplication, distribution, production project management, and other related and associated services.

o VI Support. Provide VI operational (combat and technical) documentation, still and motion picture photography, video, audio, radio and television closed circuit and broadcasting (not Armed Forces Radio and Television Service (AFRTS)) services, graphic art, VI records centers, VI records holding facilities, presentation support, repair and maintenance, video teleconferencing terminals, related and associated services, and their supervision.

o Joint Visual Information Services (JVIS). Resources to operate and maintain JVIS production, depository, and distribution activities assigned by OASD(PA), as a joint mission for DoD.

Excludes VI management at command and component headquarters and OSD. Excludes technical documentation support not available from base VI services, integral to the mission of organizations supported, and identified in other program elements. VI equipment integral to technical documentation functions is also excluded. It does not include VI activities with discrete program elements such as: Armed Forces Radio and Television Service.

0605894F Real Property Maintenance - RDT&E (H);X-93-2;;
Includes civilian manpower spaces, military manpower and military personnel funding for the following functions at

R&D laboratories and other installations with a primary mission of research and development or test and evaluation.

Maintenance and repair of all real property: - utilities systems, - buildings, - other facilities, - pavements (roads, parking areas, etc.), - land (grounds)

Minor construction (with other than military construction funds).

Operation of utilities for all real property.

Other engineering support: fire protection, - custodial services, - entomology services, - refuse collection and disposal, - snow removal and ice alleviation, - rental of real property, excluding payments to GSA, - other installation engineering services

Includes all manpower spaces function categories 9, 10, 11, and 12 as defined in DoD Instruction 7220.20.

Excludes RDT&E funding.

For Army and Navy, excludes industrially funded activities.

0605896F Base Operations - RDT&E;X-95-1;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following functional categories of effort:

Administration: Installation Headquarters Administration and Command (including squadron level responsible for Base Operations), Installation Comptroller Services, Installation ADP Services, Installation Information Activities, Installation Legal Activities, Civilian Personnel Administration, Installation Military Personnel, Administration Installation Printing and Reproduction, Installation Safety, Installation Management Analysis/Management Engineering.

Retail Supply Operations: Installation Supply Activities, Installation Procurement Operation, Installation Storage Activ ities.

Maintenance of Installation Equipment: (Includes maintenance of administrative aircraft, vehicles and equipment; but excludes maintenance of tactical equipment, combat vehicle and mission aircraft).

Other Base Services: Installation Transportation Activities, Installation Training (excludes Troop training and tactical exercise). Installation Physical and Police Activities, Laundry and Dry Cleaning (for troop support and other appropriated fund activities). Installation AirField/Air Base Operations (control tower, weather, flight service, etc.) Installation Restoration.

Bachelor Housing Operations and Furnishing: (management; housing assignment, care of quarters, provisions, care preservation and maintenance of furnishings, etc.)

Other Personnel Support: Food Service; Social Action; Community Service; Chaplain Services; Bands; Morale, Welfare and Recreation.

Excluded are the following functional categories which are a part of the standard definition of Base Operating Support, but are reported under separate PEs: Real Property Services, Minor Construction, Maintenance and Repair,

Base Communications, Commissary Operations (Retail and Troop Issue), Station Hospitals, Medical and Dental Clinics and Dispensaries, Family Housing.

0605898F Management Headquarters (Research and Development) (H);X-0-10;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

HQ AFSC HQ Aeronautical Systems Division (ASD), HQ Space Division (SD), HQ Electronic Systems Division (ESD), HQ Aerospace Medical Division (AMD), HQ Armament Division (AD)

Excludes Non-Management Headquarters resources (refer DoDD 5100.73).

0605903F Service Support to OSD (H);X-78-003;
Includes military manpower service support to the Office, Secretary of Defense (OSD) for research and development.

0605904F Service Support to ARPA;;
Includes military manpower service support to Advanced Research Projects Agency (ARPA).

0605906F Service Support to DNA;;
Includes military manpower service support to Defense Nuclear Agency (DNA).

0605907F Service Support to BMDO;X-5-01;
Includes military manpower service support to the Ballistic Missile Defense Organization.

0605908F Service Support to TJS;X-5-01;
Includes military manpower service support to the The Joint Staff.

DEPARTMENT OF DEFENSE
PROGRAM ELEMENT DEFINITIONS

0601101E Defense Research Sciences;;
Includes RDT&E funds provided to various universities and profit and non-profit organizations.

Excludes civilian and military manpower and their related costs and military construction and procurement costs which are included in appropriate management and support elements in this program.

06011010 (D,HP,W) In-House Laboratory Independent Research;X-92-3;
Army: The Army ILIR program provides discretionary funding to laboratory and center Directors for supporting in-house, innovative and entrepreneurial research projects. Resources programmed in this element are consistent with the Army Technological Base Master Plan, Science and Technology Objectives milestones and Army force modernization plans.

Navy: Includes resources to fund nuturing in-house scientists, maintaining their creativity and scientific vitality and attracting them to work in DoD labs on high risk/high payoff projects.

USUHS: Includes resources to answer basic medical questions of importance in the areas of combat casualty care, infectious diseases, and systems biotechnology.

0601102D Defense Research Sciences;X-92-3;
Army: Includes resources for the core research program to sustain the science and engineering base required to exploit new opportunities in rapidly advancing technological fields. The program supports theoretical and experimental research in the physical, mathematical, biological, environmental, terrestrial, and behavioral sciences. Navy: Includes resources for basic research to define the mechanisms of combat casualty-relevant medical problems and to provide new preventive and treatment methods for the emergency medical support of military personnel. Studies focus on trauma, wound healing, blood, sepsis, and oral disease.

0601103D University Research Initiatives;X-6-01;
This program element funds DoD relevant research efforts as part of a coordinated action by the Army, Navy, Air Force, OSD, and ARPA at U.S. universities and colleges. Efforts include research instrumentation, graduat e fellowships, faculty development and potentially high payoff research projects in emerging technologies such as materials and structures, biotechnology, computer science and microelectronics.

Excludes manpower authorizations and related costs.

0601103E University Research Initiatives;X-5-01;
This program element funds DoD relevant research efforts as part of a coordinated action by the Army, Navy, Air Force and ARPA at U.S. universities and colleges. Efforts include research instrumentation, graduate fellowships, faculty development and potentially high payoff research projects in emerging technologies such as materials and structures, biotechnology, computer science and microelectronics.

Excludes manpower authorizations and related costs.

0601104D Defense University Research Instrumentation Program;X-8-02;
Supports the acquisition of larger items of university research equipment for use in performance of science and engineering research important to national defense. Competitive awards at U.S. universities are made through research offices in the Army, Navy, Air Force, and ARPA.

Excludes military construction and military and civilian manpower and their related costs.

0601106D Research Projects;X-91-1;
This project funds various technology base research and development efforts specifically identified in legislation.

0601107D HF Active Auroral Research Program;Temp 11/30/89;

0601109D US-JAPAN Management Training;X-91-1;
This program will research the management and business practices used by Japan in the areas of science, engineering and manufacturing. These funds support the National Defense Center for Environmental Excellence.

0601110D Focused Research Initiatives;X-93-2;;
The Focused Resaerch Initiatives Program will fund DoD-wide research projects that directly support the Major Thrust Areas in the S&T Strategy. In each project, work will be performed by teams of research groups in industry, universities, and federal laboratories.

0601112D Critical Technology Center;X-91-1;
The Critical Technology Center will assist the White House Office of Science and Technology Policy in planning and implementing development of critical technologies related to national security and global economic competitiveness.

0601113D Technical Assistance;X-94-3;;
Includes resources to increase the number of small disadvantaged businesses (SDB), historically black colleges and universities (HBCU) and other minority institutions (MI) competing for DoD funded programs by expanding the number of bids, offers and proposals submitted in response to defense requirements. Technical assistance contracts will be awarded to SDB, HBCU and MI, with the object of developing joint ventures and subcontracting relationships between the minority private sector entities and DoD large and small businesses.

0601160D Counterproliferation Support ;X-95-1;

Includes all basic research in support of the Department's counterproliferation initiatives other than those related to Chemical/Biological Defense.

0601384BP Chemical and Biological Defense Program;X-95-1;
Includes all basic research in support of chemical and biological defense. Efforts include medical, non-medical and counterproliferation-related activities.

0602101E Technical Studies (H);X-92-4;;
Includes RDT&E funds provided to industry and university contractors. DoD and other government agencies' in-house laboratories are also used extensively.

Excludes civilian and military manpower and their related costs and military construction and procurement costs which are included in appropriate management and support elements in this program.

0602102E CLOUD GAP (H);;

0602103E Advanced Propellant Chemistry (H);;

0602104E Energy Conversion (H);;

0602105E Advanced Engineering (H);;

0602107E JOINT ARPA/DOE Third Generation Weapon Technology (H);X-92-4;;
Includes RDT&E funds to develop the technologies for nuclear explosion - energized third generation weapons and the ancillary acquisition, tracking and pointing subsystems for potential application to ballistic missile defense.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0602108D Center for Advancement of Scientists, Engineers, and Technologists;X-0-01;
The Center for Advancement of Scientists, Engineers, and Technologists is a consortium of approximately 20 colleges and universities with predominantly Black, Hispanic, American Indian and female enrollments. These institutions are participating in a study to test the efffectiveness of various approaches to increasing the participation of women and minorities in scientific and technical fields. Each institution receives a share of

the funds to support costs associated with implementing interventions and collecting data on the effects of the experiments.

Excludes military and civilian manpower and military construction costs which are included in appropriate management and support elements in this program.

0602109H Superconductive Magnetic Energy Storage;X-0-05;
RDT&E funds to design, construct, and test a Superconductive Magnetic Energy Storage (SMES) Engineering Test Model(ETM) to demonstrate the feasibility of using SMES technology to provide the prime power for applications requiring large amounts of stored energy. Associated component designs, developmental experiment, trade-off studies, costing studies, impact assessments and implementation planning will also be performed.

Excludes manpower authorizations and related costs.

0602160D Counterproliferation Support;X-95-1;
Includes all exploratory development in support of the Department's counterproliferation initiatives other than those related to Chemical/Biological Defense.

0602173C Support Technologies/Follow-on Technologies Exploratory Development;X-95-1;
Programs, projects, and activities that have a primary objective to explore innovative science and engineering and Small Business Innovative Research for technologies of interest to a ballistic missile defense objective. Includes manpower authorizations and the associated costs specifically identified and measured to the performance of these programs.

0602217C Ballistic Missile Defense Exploratory Development;X-94-6;;
Programs, projects, and activities that have a primary objective to explore innovative science and engineering and Small Business Innovative Research for technologies of interest to the overall ballistic missile defense objective. Includes manpower authorizations and the associated costs specifically identified and measured to the performance of these programs.

0602222D Counterterror Technical Support;X-91-1;
This program element funds the development of technology and initial prototype equipment with direct operational application in the effort to counter terrorism.

0602225D Concept Evaluation;X-91-1;
Includes funding managed by the Director of Defense Research and Engineering used to ensure that a full range of technology alternatives are considered prior to initiating a new acquisition program, to support rapid exploitation of new technology opportunities and to promote technology policy initiatives. This program element funds the development of technology and initial prototype equipment with direct operational application in the

effort to counter terrorism.

0602227D Medical Free Electron Laser;X-91-1;
Includes costs associated with the exploitation of unique features of free electron lasers in medical and materials science research.

0602228D Historically Black Colleges and Universities (HBCU) Science and Engineering Education;;
This Program will provide increased funding for Science and Engineering Education at Colleges and Universities which have historically been black or other minority institutions.

0602229D Advanced Materials;Temp 12-91;;

0602233D Mission Support Technology;X-92-3;
Includes resources to enhance the diagnosis of medical emergencies and the treatment of combat casualties in all operational environments.

0602234D Lincoln Laboratory Research Program;X-95-1;
Includes research demonstrations in the areas of military satellite communications, space radar technology, space based visible surveillance, deep space and tactical battlefield surveillance, advanced solid state devices, and materials and processing technology.

0602301E Computing Systems and Communications Technology;X-92-4;;
Funds research and development projects directed toward the application of advanced, innovative computing systems and communications technologies. These projects include: developing systems concepts and software; strategic computing; intelligent systems; advanced quantum electro-optics for sensor protection; computer modeling and simulation; surveillance and engagement techniques; manufacturing technology; advanced high performance computing and computer communications technology; developing and demonstrating technology for information processing; accelerating transition through the Software Engineering Institute of software technology and advancing the state of software engineering practices; generating elements upon which to build a coordinated DoD software solution; and enhancing U.S. surveillance capability for monitoring worldwide nuclear explosions.

Excludes civilian and military manpower and their related costs.

0602384BP Chemical and Biological Defense Program;X-95-1;
Includes all exploratory development efforts in support of chemical and biological defense. Efforts include medical, non-medical and counterproliferation-related activities.

0602701E Nuclear Monitoring Research (H);X-92-4;;

Includes RDT&E funds provided to contractors in industry and education institutions. Work is also performed by in-house laboratories of the Department of Defense and other government agencies, such as USGS, USC&GS, AEC, and the National Bureau of Standards.

Excludes civilian and military manpower and their related costs and military construction and procurement costs which are included in appropriate management and support elements in this program.

0602702E Tactical Technology;;
Includes RDT&E funds provided to contractors in industry and educational institutions. Also involves in-house laboratories of DoD and other government agencies.

Excludes civilian and military manpower and their related costs and military construction and procurement costs which are included in appropriate management and support elements in this program.

0602703E Advanced Sensors (H);;
Includes RDT&E funds provided to industry and university contractors. DoD and other government agencies' in-house laboratories are also used extensively.

Excludes civilian and military manpower and their related costs and military construction and procurement costs which are included in appropriate management and support elements in this program.

0602704H Nuclear Weapons Effects Development (H);X-80-003;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the combined DoD program for research and development in the effects of nuclear weapons. Developed through joint efforts of the military services and DNA, ths program element provides DoD with nuclear weapons effects information using all research and development means short of actual nuclear weapons tests and certain large-scale simulation tests.

0602705H Verification Technology for Treaties;X-8-06;
Includes civilian and military manpower and their related costs and RDT&E funds to:

Explore and develop verification technologies to ensure compliance with existing and future arms control treaties; perform human factors research aimed at improving the performance of U.S. inspection teams and the performance of U.S. personnel at U.S. facilities being inspected; and conduct assessments of technologies to provide for understanding and integration within the overall verification framework. This program provides for: the development and maintenance of the technology base needed for advanced development of technologies and equipment to be used in the inspection and monitoring of treaty nations' facilities; and the translation of human factors research into methods and procedures to be used by inspection personnel and by the inspected parties.

Excludes military construction costs which are included in appropriate management and support elements.

0602707E Particle Beam Technology;X-1-001;

Includes RDT&E funds to advance the technology base in high energy charged and neutral particle beam propagation in the atmosphere. This effort was formerly funded in program element 0601101E.

Excludes civilian and military manpower and their related costs and military construction and procurement costs which are included in appropriate management and support elements in this program.

0602708E Integrated Command and Control Technology;X-78-016;
Includes support for computer technology addressed by improving command, control and communications in two major areas:

a. Exploratory efforts focused on the development and evaluation of technology necessary to support tactical and strategic command and control systems. Effort is based on the exploitation of packet communications technology in terrestrial, satellite and local radio networks, and the development of network management procedures and protocols needed to permit interoperation of heterogeneous computers across multiple computer networks. Development of techniques for end-to-end secure communications , as well as techniques for transmitting narrow-band digital speech for rigorous software engineering tools for integrated data/voice networks and the technology to support low-cost distributed sensor networks, are also being explored. Transfer of advanced information processing and computer communications technology into future service command and control systems through joint testbed activities are also included.

b. Development of advanced military cybernetics to improve the effectiveness of military personnel in accomplishing missions of high level decision-making, crisis warning and management, and a superior technology training base at a lower cost. Included are technical initiatives in advanced decision technology, command and control information systems, advanced crisis management technology, and advanced training technology for high quality, low-cost computer based instructional materials.

Excludes civilian and military manpower and their related costs and military construction and procurement costs which are included in appropriate Management and Support elements.

0602710H Nuclear Weapons Effects Test (H);X-80-003;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

The DoD portion of the joint AEC-DoD Nuclear Weapons Testing Programs. This program element supports the execution of underground nuclear test events; the execution of non-nuclear simulation test events; the operation of nuclear weapon effects simulation facilities; and a modified readiness program for nuclear weapons effects test events in environments presently prohibited by the Limited Test Ban Treaty.

0602712E Materials and Electronics Technology;X-92-4;;
This program element focuses on novel materials and processing routes to demonstrate advanced composites, metal matrix composite materials for advanced aerospace structures, research on diamond films for thermal management in electronic packaging, next generation electronic devices, circuits, and advanced semiconductor manufacturing and applications, advanced component development and applications of quantum-well devices to circuits, and the insertion of superconductivity technology in real military hardware.

Excludes civilian and military manpower and related costs.

0602713H Nuclear Weapons Survivability and Security (H);X-80-003;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

RDT&E funds to develop a program that will allow decisions to be made on the issues surrounding the survivability and security of theater nuclear forces, and to identify alternative technological solutions for present and expected problems. This assessment and improvement of NATO theater nuclear forces will include the various elements of theater systems, i.e., nuclear delivery units, weapons, control, and support, and a full spectrum of possible hostile threats.

0602714E Treaty Verification;X-0-06;
Includes RDT&E funds to maintain and enhance the technology base needed to pursue technological options for improving international cooperative verification activities. These funds provide for a continuing program to provide the information needed to develop strategy and technical positions for negotiations on future arms control agreements limiting nuclear testing and adherence to existing treaties.

Excludes civilian and military manpower and their related costs and military construction and procurement costs which are included in appropriate management and support elements in this program.

0602715H Defense Nuclear Agency;X-9-01;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

The combined DoD program for research and development of effects of nuclear weapons, the DoD portion of the joint DoE/DoD nuclear weapons testing programs, the survivability, security, safety, and effectiveness of nuclear forces, and the application of nuclear-related technology to non-nuclear matters of critical importance to DoD. This program element represents projects developed through joint efforts of the Military Services and DNA and provides for:
(a) Research and development of nuclear weapons effects information for the DoD;
(b) Execution of underground nuclear weapons effects test, non-nuclear simulation of nuclear weapons effects, and operation of nuclear weapon effects simulator facilities;
(c) Development and demonstration of technologies that enhance the survivability, security and effectiveness of strategic and theater nuclear forces to include identification of alternative technological solutions for present and expected problems;
(d) Research and technical studies in areas such as: the effects of technology on nuclear force structure, operations, tactics, doctrine, training, and political-military considerations; employment options for nuclear weapons; nuclear force command and control improvements; alternative arms control restraints; and non-nuclear matters where DNA unique capabilities may be applied;

(e) Transfer of technolgy and implementation of successful DNA research programs to the Services and Allied Commands.

0602716B Mapping, Charting and Geodesy;X-3-03;
Includes Research, Development, Test and Evaluation (RDT&E) funds directed toward the solution of problems, short of major development projects, related to an optimized digital MC&G production system. This type of effort may vary from fairly fundamental applied research to quite sophisticated bread-board hardware, study, programming and planning efforts. It would thus include studies, investigations and minor development efforts. The dominant characteristic of this category of effort is that it is pointed toward unique MC&G problem areas with a view toward developing and evaluating the feasibility and practicability of proposed solutions and determining their parameters. Program control of this element will normally be exercised by general level of effort.

Excludes military department technology base research programs and the development efforts that supprt the MC&G organizations and missions assigned to military departments; RDT&E manpower authorization (military departments' reponsibility); and RDT&E facilities (military departments' responsibility).

0602718D Environmental Hazards Research;X-8-02;
This program element funds efforts in developing technologies aimed at protecting health and the environment from the hazardous substances generated and used by DoD.

Excludes military construction and military and civilian manpower and their related costs.

0602756D DoD Software Technology Initiative;X-93-2;;

0602787D Medical Technology;X-92-3;
This program element funds exploratory development in DOD combat dentistry, care of combat casualties, medical defense against chemical agents, health hazards of military materiel, and medical factors enhancing soldier effectiveness. Under this program element is the core DOD technology base to develop methods and materials for prevention and treatment of combat maxillofacial (face and neck) injuries, and development of equipment and materials required to provide essential dental treatment on the battlefield. Exploratory development in casualty care addresses the investigation of trauma and burns due to weapons, shock resulting from blood loss and infection, blood preservation and potential blood substitutes for battlefield care, and concept exploration of combat medical materiels. Supports medical chemical defense exploratory development in the areas of chemical warfare agent antidotes, personnel/casualty decontamination, medical management of chemical casualties, and combat effectiveness/sustainability. Research focuses on the health hazards of military materiel and medical factors to enhance soldier performance effectiveness during rapid deployment and extended and sustained operations. The primary goal is to provide maximum soldier survivability with minimum adverse effects on the integrated battlefield.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0602790C Small Business Innovative Research/Small Bus Tech Transfer Pilot Prog;X-93-2;;

0602790D Small Business Innovative Research/Small Bus Tech Transfer Pilot Prog;X-93-2;;

0602790E Small Business Innovative Research/Small Bus Tech Transfer Pilot Prog;X-93-2;;

0602790H Small Business Innovative Research/Small Bus Tech Transfer Pilot Prog;X-93-2;;

06028890 (B,D,G,K,L,W) Counterdrug RDT&E Support;X-94-2;;
Captures all counterdrug exploratory development efforts not associated with a counterdrug-unique PE and specifically identified and measurable against other active counterdrug programs.

Includes exploratory development efforts to develop technology into demonstrations suitable for laboratory evaluations. Efforts include primarily non-systems technology development. May also be used for demand reduction exploratory development efforts. Only projects approved by the Secretary of Defense and supported by the transfer appropriation will be included.

0603002D Medical Advanced Technology;X-92-3;
Excludes military and civilian manpower authorizations and related costs.

This program element funds nonsystem development for biological warfare/infectious disease vaccines and drugs, field medical protective devices, combat injury management, and medical chemical defense. Production of pilot and standard lots of pharmaceutical-grade drugs and vaccines will be directed towards known or suspected biological warfare (BW) agents and infectious disease agents which could threaten mobilization and deployment. Support is provided for development of diagnostic imaging devices, clinical studies of combat casualty care treatment modalities, and exploitation of innovative foreign medical materiel. Development of field medical protective devices is directed toward materiels for ballistic and laser eye protection, nutrients for use on the integrated battlefield, and pharmacological enhancement of soldier performance. The medical chemical defense development consists of chemical warfare agent antidotes, personnel/casualty decontamination, medical management of chemical casualties, and combat effectiveness/sustainability. The primary goal is to provide maximum soldier survivability with minimum adverse effects on the integrated battlefield.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0603104D Explosives Demilitarization Technology;X-95-1;
Includes funding to develop environmentally acceptable technologies for the demilitarization of rocket motors.

0603105D Military HIV Research;X-92-3;

This congressionally directed program funds research and development for protection against Acquired Immune Deficiency Syndrome (AIDS HTLV III virus) in military populations. The AIDS research and development program will include studies on the natural history of infections, studies on improved diagnosis; studies on chemoprophylaxis and vaccine development in the prevention of AIDS; studies on virus transmission; and studies investigating immune responses of AIDS patients.

Excludes military construction costs and military and civilian manpower authorizations and related costs.

0603120D Demining;X-95-4;;
Provides funding for the development of modern technology for humanitarian demining. A combination of government and industry expertise is required to develop practical technology for locating and clearing mine fields and detecting, marking and destroying land mines. This program will focus on the critical technology thrust areas including training that addresses multiple languages, detection of metallic and non-metallic mines from airborne and ground based platforms, low-cost neutralization, low-cost protective systems for personnel and clearance vehicles, and highly reliable clearance verification technologies.

0603122D Counterterror Technical Support;X-95-1;
This program element funds the development of technology and initial prototype equipment with direct operational application in the effort to counter terrorism.

0603160D Counterproliferation Support - Adv Dev;X-95-1;
Includes all advanced development in support of the Department's counterproliferation initiatives other than those related to Chemical/Biological Defense.

0603168C Navy Upper Tier TMD - Advanced Technology Development;X-95-1;
Programs, projects, and activities that have as a primary objective the development and exploration of technologies capable of supporting systems, components, and architectures that could produce a Navy Upper Tier ballistic missile defense system. Includes manpower authorizations and the associated costs specifically identified and measured to the performance of these programs.

0603169C CORPS Surface-to-Air Missile - TMD - Advanced Technology Development;X-95-1;
Programs, projects, and activities that have as a primary objective the development and exploration of technologies capable of supporting systems, components, and architectures that could produce a CORPS SAM ballistic missile defense system. Includes manpower authorizations and the associated costs specifically identified and measured to the performance of these programs.

0603170C Boost Phase Intercept - Advanced Technology Development;X-95-1;
Programs, projects, and activities that have as a primary objective the development and exploration of technologies capable of supporting systems, components, and architectures that could produce a Boost Phase

Intercept ballistic missile defense system. Includes manpower authorizations and the associated costs specifically identified and measured to the performance of these programs.

0603171C National Missile Defense - Advanced Technology Development;X-95-1;
Programs, projects, and activities that have a primary objective the development of technologies capable of supporting systems, components, and architectures that could produce highly effective defenses against national missile defense threats. Includes manpower authorizations and the associated costs specifically identified and measured to the performance of these programs.

0603172C Other Theater Missile Defense/Follow-on TMD Activities - Advanced Technology Development;X-9
Theater Missile Defense programs, projects, and activities in Advanced Development that have as a primary objective the development of technologies capable of supporting systems, components, and architectures that could produce highly effective defenses against theater missile threats. Includes manpower authorizations and the associated costs specifically identified and measured to the performance of these programs.

0603173C Support Technologies/Follow-on Technologies - Advanced Technology Development;X-95-1;
Programs, projects, and activities that have as a primary objective the development of technologies capable of supporting systems, components, and architectures that could produce highly effective defenses against generic ballistic missile defense threats. Also includes programs, projects, and activities that provide research and technical and engineering support to the other BMDO program elements, such as BMDO threat and countermeasures efforts, and the provision of necessary test and evaluation services other than those required for a specific program element. Includes manpower authorizations and the associated costs specifically identified and measured to the performance of these programs.

0603214C Space Based Interceptors;X-92-3;;
Includes manpower authorizations and the associated costs specifically identified and measurable to the following:

Programs, projects, and activities (and supporting programs, projects, and activities) that have as a primary objective the conduct of research on space based kinetic kill interceptors and associated sensors that could provide an overlay to ground based anti ballistic missile interceptors.

0603215C Limited Defense System;X-93-3;;
Includes manpower authorizations and the associated costs specifically identified and measurable to the following:

Programs, projects and activities (and supporting programs, projects, and activities) which have as a primary objective the development of systems, components, and architectures for a deployable anti-ballistic missile system that is capable of providing a highly effective defense of the United States against limited ballistic missile threats, including accidental or unauthorized launches or Third World attacks, but below a threshold that would bring into question strategic stability. Such activities shall include those activities necessary to develop and test systems, components, and architectures capable of deployment as part of an ABM Treaty-compliant initial site defensive system. For purposes of planning, evaluation, design, and effectiveness studies, such programs,

projects, and activities may take into consideration both the current limitations of the ABM Treaty and modest changes to its numerical limitations and its limitations on the use of space- based sensors.

0603216C Theater Missile Defense Advanced Development;X-94-6;;
Theater Missile Defense programs, projects, and activities in Advanced Development that have as a primary objective the development of technologies capable of supporting systems, components, and architectures that could produce highly effective defenses against theater missile threats. Includes manpower authorizations and the associated costs specifically identified and measured to the performance of these programs.

0603217C Ballistic Missile Defense Advanced Development;X-94-6;;
Programs, projects, and activities that have a primary objective the development of technologies capable of supporting systems, components, and architectures that could produce highly effective defenses against national missile defense threats or generic ballistic missile defense threats. Also includes programs, projects, and activities that provide research and technical and engineering support to the other BMDO program elements, such as BMDO threat and countermeasures efforts, and the provision of necessary test and evaluation services other than those required for a specific program element. Includes manpower authorizations and the associated costs specifically identified and measured to the performance of these programs.

0603218C Research and Support Activities;X-92-3;;
Includes manpower authorizations and the associated costs specifically identified and measurable to the following:

Programs, projects, and activities that have as primary objectives the following:

The provision of basic research and technical, engineering, and managerial support to the programs, projects, and activities within the other SDIO program elements.

Innovative science and technology projects.

The provision of necessary test and evaluation services other than those required for a specific program element.

Program management

0603220C SDI-Surveillance, Acquisition, Tracking and Kill Assessment;X-4-07;
Includes manpower authorizations and the associated costs specifically identified and measurable to the following:

This is one of five program elements in the Strategic Defense Initiative. The program's goal is to develop and demonstrate the capabilities needed to detect, track, and discriminate objects in all phases of the ballistic missile trajectory.

0603221C SDI-Directed Energy Weapons;X-4-07;
Includes manpower authorizations and the associated costs specifically identified and measurable to the following:

This is one of five program elements in the Strategic Defense Initiative. It funds development and demonstration of the technologies for space-based laser weapon systems, ground based laser weapon systems, space-based neutral particle beam weapons, and nuclear driven systems for ballistic missile defense.

0603222C SDI-Kinetic Energy Weapons;X-4-07;
Includes manpower authorizations and the associated costs specifically identified and measurable to the following:

This is one of five program elements in the Strategic Defense Initiative. Kinetic energy weapons include interceptor missiles and hypervelocity gun systems which rely on nonnuclear kill mechanisms to destroy the intended target. The goals of the kinetic energy weapons program are (1) expansion of the technology data base to support the development of improved and advanced weapons and (2) development and flight demonstration of technology for kinetic energy weapons that are designed to satisfy the Strategic Defense Initiative mission needs.

0603223C SDI-Systems and Battle Management;X-8-03;
Includes manpower authorizations and the associated costs specifically identified and measurable to the following:

This is one of five program elements in the Strategic Defense Initiative. Systems Concepts and Battle Management/C3 programs will develop: fault-tolerant, radiation-hard information processors which can survive in a hostile space or nuclear environment; complex real-time large operational software systems; software and simulation development tools; advanced communications technology and systems; battle management computational algorithims; and policy reponsive weapons control and release capabilities.

0603224C SDI-Survivability, Lethality, and Key Support Technology;X-4-07;
Includes manpower authorizations and the associated costs specifically identified and measurable to the following:

This is one of five program elements in the Strategic Defense Initiative. It funds development and demonstration of enabling technologies in the areas of space system survivability, space prime power and conditioning, and space transportation/logistics.

0603225D Joint DoD-DoE Munitions Technology Development;X-4-03;
Includes RDT&E funds to establish a cooperative program of research and development with the Department of Energy to bring about major improvements in nonnuclear munitions technology across the Services' mission areas.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603226E Experimental Evaluation of Major Innovative Technologies;X-4-07;
Includes RDT&E resources to demonstrate technology of major program effort. Principally, it includes technology investigations aimed at providing radically new options for major increases in the effectiveness of strategic, tactical, command and control and communications mission areas. It focuses only on projects requiring significant funding commitments to reduce the risks and prove the practicality of evolving technologies so that the transfer

to the Services will be orderly. This activity concentrates on carrying the research and development to a logical point which falls short of development necessary for specific technology application, so that the risk factors are fully considered.

Excludes civilian and military manpower and their related costs and military construction and procurement costs which are included in appropriate management and support elements in this program.

0603227E Relocatable Target Detection Technology Program;X-7-10;
This program element is dedicated to advanced experimentation and analysis to develop means of detecting and identifying mobile Inter-Continental Ballistic Missiles (ICBMs) and other strategic relocatable targets. This program is overseen directly by a DoD Steering Committee consisting of representatives from the Army, Air Force, Intelligence Community, The Joint Staff, Office of the Secretary of Defense, and Advanced Research Projects Agency.

Excludes manpower authorizations and related costs.

0603228D Physical Security Equipment;X-8-06;
The purpose of this program is to provide physical security equipmemt systems RDT&E for all DoD components. These systems support the protection of nuclear weapons, other priority assets and the security of all DoD assets from theft, sabotage, and terrorism.

Excludes military and civilian manpower.

0603229E X-Ray Lithography;X-9-03;
This program element provides a major DoD effort to develop technology and equipment for X-Ray Lithography which will be used for semiconductor fabrication in the 1990's. This technology is a critical element in maintaining an industrial base for supply of advanced microelectronics for DoD weapon systems. Major components of the program include x-ray sources, mask technology, e-beam writers, aligners, demonstration and integration into pilot line fabrication, and development in support of these main efforts.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603230D Chemical Arms Control Treaty Verification Technologies;X-9-04;
The purpose of this program is to sponsor research, development, test and evaluation of systems and technologies for monitoring compliance with expected chemical weapons treaties by means of on-site inspection. The systems to be developed will provide one of the elements of the verification framework, along with national technical means and cooperative measures. The technologies will be required to comply with U.S. export laws and will be tailored to match the unique situations of each treaty nation's facilities. Off-the-shelf sensor concepts will be studied to match capabilities with observables to be measured; sensing systems architecture will be developed, and demonstration tests will be performed. Assessments will be conducted to understand the costs and impacts of proposed systems and ascertain their effectiveness for verifying compliance with the treaty. The DoD program will be coordinated with research programs underway at other agencies.

0603231D Miniature Diagnostic Proton Accelerator;X-91-1;
This program will research the defense and medical applications of the miniature diagnostic proton accelerator.

0603269E National Aero Space Plane Technology Program (H);X-92-4;;
Includes funds for the maturation of technologies for the development of an aerospace vehicle capable of sustained hypersonic flight in the atmosphere or direct insertion, single stage from horizontal takeoff, into orbit. These technologies include advanced propulsion concepts such as RAMJET/SCRAMJET; high temperature, high strength to weight materials; advanced computational techniques for integrated vehicle and engine design; and numerous other technologies such as fuels management, avionics, etc. Engine modules will be built and tested, airframes will be built and tested, and in FY 88 a technical evaluation will be made on the feasibility of constructing and flying an experimental vehicle. The X-vehicle will validate the technologies and provide a basis for a possible new generation of hypersonic aerospace planes with military and civilian applications.

Excludes manpower authorizations and related costs.

0603384BP Chemical and Biological Defense Program - Advanced Development;X-95-1;
Includes all advanced development efforts in support of chemical and biological defense. Efforts include medical, non-medical and counterproliferation-related activities.

0603569E Advanced Submarine Technology;X-9-01;
Includes resources to conduct advanced mission and concept studies for advanced technology attack submarines to be built in the period of the late 1990s.

Includes resources to study and evaluate submarine parameters and construction methods, procedures, technology and demonstration leading to reductions in submarine acquisition costs, and for the development of improvements to the future attack submarines.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603570D Defense Laboratory Partnership Program;X-95-1;
Includes funding to facilitate the diversification of the Federal Defense Laboratories by permitting them an active role in dual-use technology development and transition. Diversification will be accomplished by catalyzing the transfer of technology from the laboratories to private sector partners for commercialization and/or by adapting commercial technology for defense spin-on to reduce acquisition costs.

0603570E Defense Reinvestment;X-94-3;;
The purpose of this program is to invest in activities to stimulate development of technologies that have dual-use

application that can enable new military capabilities as well as have potential for enabling new commercial products and lead to an integration of commercial and military production and processes. As a result, technologies will be developed and deployed to increase both national security and the national economy. This will be accomplished through the application of defense and commercial resources to develop dual-use technologies, manufacturing and technology assistance to small firms, and education and training programs that enhance U.S. manufacturing skills and target displaced defense industry workers.

Excludes military construction costs and civilian and military manpower authorizations and associated costs.

0603701B Mapping, Charting, Geodesy Investigations, and Prototype Development (H);X-91-2;
Includes Research, Development, Test and Evaluation (RDT&E) funds for advanced development activities directed toward new and improved techniques, products, prototype equipment and prototype systems to support the fulfillment of strategic and tactical weapon and command and control system needs for mapping, charting, and geodesy (MC&G) data, products, and services. Objective is to develop concepts and designs of prototype equipment capable of providing new and more usable products and/or decrease response time and costs involved in data acquisition, data storage and retrieval, data reduction, data transmission, and map/chart reproduction techniques. Emphasis is on greater automation of MC&G processes and supporting the development of digital production systems.

Excludes military department technology base research programs and the development efforts that support the MC&G organizations and missions assigned to military departments; RDT&E manpower authorization (military departments' responsibility); and RDT&E facilities (military departments' responsibility).

0603702D Special Operations, Special Technology Office;X-5-01;
Includes costs specifically identified and measurable to special classified projects for which information on resources assigned will be provided only on a "need to know" basis to authorized personnel identified on a special access list.

0603703D Counter-Insurgency and Special Technology;X-3-07;
Includes research and development activities designed to support the unique activities of Unified Commands in their counter-insurgency and special operations roles.

0603704D Special Technical Support;X-0-01;
Includes funding for research and development efforts under the cognizance of ASD(C3I) to support unique activities of the Unified and Specified commands and the Services intelligence, counterintelligance, and counternarcotics activities.

0603705D Industrial Preparedness Manufacturing Technology Program;X-94-5;;
This is a consolidated industrial preparedness program. The program will develop improved processes for producing more efficiently, and less expensively, the components, subsystems, and systems for military platforms.

0603705S Manufacturing Technology (H);X-94-5;;

Includes funds for activities whose primary purpose is to establish new information or refine existing information which defines industrial processes, techniques or equipment used specifically to produce materiel or components of materiel used by DoD.

Excludes activities whose primary purpose is to establish information which defines materiel or components of materiel used by DoD. Excludes activities which are directly identifiable to the support of end items which are themselves identified to unique, specific program elements. Also excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603706D Microwave/Millimeter Wave Monolithic Integrated Circuits (MIMIC);X-5-09;
Includes resources to provide a major DoD/tri-Service effort which has the objective of accelerating the development, manufacturing and systems demonstration of analog integrated circuits.

Excludes manpower and related costs.

0603706E Microwave/Millimeter Wave Monolithic Integrated Circuits (MIMIC);X-8-03;
Includes resources to provide a major DoD/tri-Service effort which has the objective of accelerating the development, manufacturing and systems demonstration of analog integrated circuits.

Excludes manpower and related costs.

0603707E Prototyping of Advanced Technologies and Innovative Concepts;X-8-03;
Includes RDT&E resources for innovative systems prototype with the objective of demonstrating operational suitability for a Milestone II decision. It includes addressing mission effectiveness, affordability, and supportability. Such a prototype effort is characterized by the exploitation of U.S. technological strengths for high military payoff and the inclusion of realistic testing in an operational environment. This activity concentrates on carrying the research and development efforts in technology demonstration programs into the acquisition process to promote innovation and shorten the transition time of advanced technology to the field.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603708D Integrated Diagnostics;X-8-05;
The purpose of this program is to accelerate transition of high leverage technology developments into field products which will improve the quality of maintenance. With Service participation, highest-payoff existing R&D projects are selected and funded for major weapon system advanced technology transition demonstrations (ATTDs). ATTDs will (1) establish feasibility of technical approaches which will set standards for new weapon system designs, and (2) result in technology products proven and ready for field use. R&D projects selected are tied to a major weapon system for demonstration.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603709D Joint Robotics Program;;
Includes resources for the development of robotic technologies for land systems in order to reduce human exposure in dangerous situations and perform monotonous routines.

0603710D Classified Program - C3I;;

0603711H Verification Technology Demonstration;X-8-06;
Includes civilian and military manpower and their related costs and RDT&E funds to:

Design, develop and demonstrate, through experimental and operational test, innovative equipment and/or improvements to existing equipment which may be used to ensure compliance with existing or imminent arms control treaties. The areas of equipment innovation include, but are not limited to, portal monitoring equipment, on-site inspection equipment to be used by the inspectors and the escort teams, sensors, recorders, scanners, and photographic equipment.

Excludes military construction costs which are included in appropriate management and support elements.

0603712S Generic Logistics R&D Technology Demonstrations;X-8-05;
Includes RDT&E funds to develop generic logistics systems technologies which are oriented toward improving overall logistics support processes for supply and contract administration support to the military departments. This PE will fund technology demonstration of advanced computer technologies including computer-aided logistics initiatives. Efforts will be directed toward the development and validation of criteria for DoD/industry standards for graphics, text and data exchange. Artificial Intelligence, Decision Support Systems and Expert Systems demonstrations will be conducted to evaluate potential technology insertion into functions which are totally manual. In addition, this PE will fund development of new models and sizing techniques to support the DLA Logistics Systems Modernization Program.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603713H Verification Technology Development;X-9-01;
Includes RDT&E funds to validate technologies and design concepts for modification or development of equipment and technologies to be used to monitor compliance with future arms control treaties. These funds provide for modification of existing equipment, prototyping or modeling of new, innovative equipment, and advanced development of new technologies in order to assess the potential for application to future treaty verification requirements.

Excludes civilian and military manpower and their related costs and military construction

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0603714D Advanced Sensor Applications Program;X-93-2;;

Includes resources for the development of non-acoustic technologies for the detection of submarines. Primary emphasis is aimed at detecting submarines in littoral waters.

0603715D AIM-9 Consolidated Program ;X-91-1;
This Program Element consolidates service resources to fund a joint program to develop enhancements to the AIM-9 Sidewinder short-range missile.

0603716D Strategic Environmental Research Program;X-91-1;
This program will increase the Defense Department's contributions to countering major environmental threats facing the Nation and the global environment. An Arctic region supercomputing center will be established to support research by the Department of Defense and other Federal agencies and the academic community.

0603717D Excimer Laser Technology;X-91-1;
This program will conduct research into the defense applications of the excimer laser and other electrically-powered laser types.

0603718D Medical Research;;
This program is to provide funds to a university associated with the National Biomedical Research Foundation to provide integrated, intensive biological research in the fields of neurology, oncology, bone marrow transplantation virology, cardiology, pediatrics and associated specialty areas in a consortia effort.

0603719D Focus Hope;;
This program will provide funds for developing an integrated manufacturing facility in Detroit supporting education programs under full-scale production conditions that will become a technology-transfer vehicle.

0603720D Environmental Special Project;;
This program will provide funds to the Earth Conservancy, in Hanover Township, Pennsylvania for protection of the environment.

0603721D DoD Environmental Studies Development;;
This program will identify technologies and craft pragmatic solutions to a host of environmental problems through establishment of the Texas Regional Institute for Enviro nmental Studies.

0603722D Medical Development (Fleet Hospital);X-92-3;
Includes resources to support unique Naval and Marine requirements in the development of improved methods for

treating battlefield casualties. Specifically, methods for ensuring an adequate blood supply and treating failure of blood-forming cells; improving wound healing; treating shock and sepsis; preventing cold injuries; treating casualties in extreme environments are being developed.

0603724D Biological Defense - Advanced Development;X-93-2;;
Efforts funded in this program element develop advanced technology for demonstration and validation of technical concepts for systems and equipment to be used for defending combat forces against biological threats.

0603725D Computers & Communications to Reduce Medical Costs;;;

0603726D Joint Technology Insertion Program;X-95-1;
This program supports activities which will identify appropriate technologies, assess their maturity, and expedite their delivery to the warfighter. The JTIP will exploit technological targets of opportunity of interest to the joint operations community.

0603727D Joint Warfighting Integration Program;X-95-4;;
The Joint Warfighting Integration Program provides early solutions to the warfighters most critical needs. The JWIP approach is for operators and technologists to try what is possible with available technology; see what is deficient; explore alternatives offered by revised tactics and advanced technologies; and does not duplicate ACTDs and ATDs. JWIP provides the means to integrate promising technologies that are then evaluated in joint exercises and simulations. Joint Warfighters and technologists see what works, and near-term solutions provided quickly before the technology becomes obsolete.

0603734J Island Sun Support;X-5-01;
Includes only military and civilian manpower and related costs identified and measurable to special classified projects for which information on resources will be provided only on a "need-to-know" basis to authorized personnel identified on a special access list.

0603734K Island Sun;X-5-01;
Includes RDT&E funds identified and measurable to special classified projects for which information on resources will be provided only on a "need-to-know" basis to authorized personnel identified on a special access list.

Excludes manpower and related costs.

0603735K WWMCCS Architecture;;
Includes RDT&E resources in support of the DoD WorldWide Military Command and Control System (WWMCCS) architecture activity and internal (departmental) studies related to the overall DoD effort. Specifically includes studies and

analyses dealing with WWMCCS architecture; systems engineering for broad command and control systems; and WWMCCS/tactical command and control interface.

Excludes civilian and military manpower and their related costs and military construction and procurement costs which are included in appropriate management and support elements in this program.

0603736D CALS Initiative;X-95-1;;
The Computer Aided Logistics Support (CALS) program provides the funds for an overarching DoD program to (1) adopt a set of standards to provide a common DoD interface for exchange of data among government and industry data systems, (2) conduct a series of near term demonstrations of the use of automation technologies and data exchange standards to improve logistics functions, and (3) develop integration plans, contractual approaches and architectural guidelines for Service CALS systems. Included in this program element is the DoD funding in support of National Bureau of Standards' efforts to develop and validate commerical standards that will meet DoD's technical and schedule needs.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603737D Balanced Technology Initiative;X-8-03;
Funds research on innovative concepts and methods of enhancing conventional defense capabilities, as well as research to facilitate restoration of the conventional defense technology base. Involves work in five thrust areas: (1) Smart Weapons, to include advanced sensor development and automatic target recognition; (2) Surveillance and BM/C3 Technologies, relevant to land, sea, and air warfare; (3) Anti-Tactical Missile Technologies, including electromagnetic launchers and projectiles; (4) Armor/Anti-Armor Technologies, such as advanced armor concepts and high-performance kinetic energy penetrators; and (5) High Power Microwaves, effects and test system component development.

Excludes military and civilian manpower and their related costs.

0603738D Cooperative DoD/VA Medical Research;X-8-02;
The program supports medical research projects conducted in VA medical centers with relevance to DoD and VA medical scientists. Projects are in basic science, behavioral science, endocrinology, gastroenterology, hematology, infectious diseases, immunology, nephrology, neurobiology and pulmonary physiology.

Excludes military construction and military and civilian manpower and their related costs.

0603739D Semiconductor Manufacturing Technology;X-7-04;
Includes resources to provide for a major DoD effort, managed by OUSDA(R&AT), to develop advanced manufacturing methods for semiconductors used in weapon systems. This program will develop semiconductor manufacturing capabilities to correct deficiencies in the industrial base which have been identified by the Defense Science Board and the National Security Council.

Excludes military and civilian manpower and their related costs.

0603739E Advanced Electronics Technologies;X-95-1;
Includes RDT&E funds to consolidate four major manufacturing technology programs within ARPA. These programs are the Semiconductor Manufacturing Technology (SEMATECH) program which is developing advanced manufacturing capabilities and methods for semiconductors used in weapon systems; Microwave/Millimeter Monolithic Integrated Circuits (MIMIC) program which is to accelerate development of affordable microwave and millimeter wave analog integrated circuits; IR Focal Plane Array program which is to develop and establish a manufacturing base for advanced infrared sensor arrays; and the development of improved manufacturing of tools, processes, computer-aided engineering, modelling, computer- integrated manufacturing and concurrent engineering to improve the productivity of U.S. industrial manufacturing base.

Excludes civilian and military manpower and their related costs and military construction and procurement costs which are included in appropriate management and support elements in this program.

0603740D Rankine Cycle Energy Recovery (RACER) System;X-8-02;
The purpose of this program is to provide a documented data baseline for RACER- type systems for future consideration, should the need arise.

Excludes military construction and manpower authorization and related costs.

0603741D Air Defense Initiative;X-8-02;
The ADI program establishes and pursues research and development efforts across a spectrum of surveillance, battle management, command, control, communications and engagement technologies necessary to support full scale development decisions for an enhanced strategic atmospheric defense of North America. The major focus of the program is on the expected advanced bomber and cruise missile threats in the late 1990s - 2000+ era.

Excludes military construction and military and civilian manpower and their related costs.

0603742D Special Obscurants Program;X-8-05;
Includes costs specifically identified and measurable to special classified projects for which information on resources assigned will be provided only on a "need to know" basis to authorized personnel identified on a special access list.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0603743D Theater Tactical Ballistic Missile Defense;X-91-1;
This program will provide a new, centrally managed tactical ballistic missile defense research and development program under the Office of the Secretary of Defense. The program goal is to provide tactical and theater ballistic missile defense for U. S. armed forces and their allies.

0603744E Advanced Simulation;X-93-2;;

Includes resources to develop an innovative program utilizing simulation technology to enhance the training of the National Guard roundout brigades. Additionally, this program element provides funding to develop specific training programs and scenarios for National Guard armor unit applications on existing SIMNET simulators.

Excludes civilian and military manpower and their related costs which are included in appropriate management and support elements in this program.

0603745E Semiconductor Manufacturing Technology;X-93-2;;
Includes resources to develop advanced manufacturing methods for semiconductors used in weapon systems and projects to develop computer integrated manufacturing software and flexible manufacturing tools and methodologies needed to meet Defense needs.

Excludes civilian and military manpower and their related costs which are included in appropriate management and support elements in this program.

0603746E Maritime Technology;X-94-3;;
This program initiates a national shipbuilding initiative to preserve the shipbuilding segment of the defense industrial base by improving the competitiveness of U.S. shipbuilders through advanced ship and shipbuilding technologies, and facilitating participation in the competitive international commercial shipbuilding and repair markets. Additional programs continue development of an advanced, fuel efficient, high powered gas turbine propulsion system for naval surface combatants, and development of an advanced ship self-defense system for each class of ships.

Excludes civilian and military manpower and their related costs which are included in appropriate management and support elements in this program.

0603747E Electric Vehicles;X-94-3;;
This program will develop and insert advanced component hybrid electric drive technologies into a range of vehicles including lightweight pickup trucks, medium sized buses, lightweight four-wheeled tactical vehicles, six-wheeled medium armored vehicles and fully-tracked combat vehicles while providing the electric power demanded by advanced sensors, emerging weapons, and power-intensive survivability subsystems. These technologies will provide military systems with greater flexibility in the location of drive elements, permit reductions in vehicle silhouette, signature and volume under armor, as well as increase mobility and deployability while achieving mission objectives, energy cost savings, and compliance with environmental requirements.

Excludes civilian, and military manpower and their related costs which are included in appropriate management and support elements in this program.

0603748E Natural Gas Vehicles;X-94-3;;
This program will convert conventional non-tactical vehicles to natural gas and develop supporting infrastructure for testing on military installations to assess performance, life-cycle and energy cost savings, and environmental impact. Selected natural gas technologies will be integrated into hybrid electric tactical combat vehicles for primary power generation and into non-tactical vehicles for range extension.

0603749E Earth Conservancy;X-94-3;;
This program establishes the Advanced Applied Technology Demonstration Facility for Environmental Technology. This facility will serve to develop innovative environmental technologies and acquire resources and equipment necessary to perform large scale demonstrations of these technologies. This facility will concentrate on encouraging the commercialization of specific technologies to meet the DoD's environmental cleanup and waste reduction needs.

Excludes civilian and military manpower and their related costs which are included in appropriate management and support elements in this program.

0603750D Advanced Concept Technology Demonstrations;X-94-3;;
Includes resources for integrating efforts to assemble and demonstrate a significant new military capability, based on maturing advanced technology. ACTDs will facilitate the transition of advanced technology concepts into the operational force structure with appropriate consideration of operations concepts, technical requirements, and acquisition/operational affordability.

0603751D Mentor Protege;X-94-3;;
Under this program, mentor firms will be eligible for reimbursement of costs incurred in providing developmental assistance to protege firms (small disadvantaged business). It is intended to impart to the protege firms the technical knowledge and skills to compete successfully in the Defense marketplace.

0603755D High Performance Computing Modernization Program;X-93-2;;

0603756D Consolidated DoD Software Initiative;X-8-02;
This program element funds the DoD common programming language (Ada), the Software Technology for Adaptable, Reliable Systems (STARS) Project and the DoD Software Engineering Institute (SEI). Efforts include maintenance of the Ada high order programming language as a standard, insertion of Ada software into military systems, validation of Ada compilers, development of new software engineering technology, proof of principle demonstration, technology transition and education and support to the Services.

Excludes military construction and military and civilian manpower and their related costs.

0603756E Consolidated DoD Software Initiative;X-8-03;
This program element funds the DoD common programming language (Ada), the Software Technology for Adaptable, Reliable Systems (STARS) Project and the DoD Software Engineering Institute (SEI). Efforts include maintenance of the Ada high order programming language as a standard, insertion of Ada software into military systems, validation of Ada compilers, development of new software engineering technology, proof of principle demonstration, technology transition and education and support to the Services.

Excludes military construction and military and civilian manpower and their related costs.

0603757E Cooperative Agreement Program;X-93-1;;
Section 251 of the National Defense Authorization Act for Fiscal Year 1990 and 1991 enacted Section 2371 of Title 10, U.S.C. which permits ARPA to obligate revenues collected as a result of ARPA funded cooperative programs. These revenues will be merged with funds normally appropriated to ARPA for the support of advanced research projects provided for in cooperative agreements. Additionally, these funds are available for the same purposes and for the same period for which the appropriated funds are available. The generated revenues have a two year life which starts in the fiscal year the revenues are received.

Excludes military construction costs and civilian and military manpower authorizations and associated costs.

06037710 (D,S) Industrial Preparedness Manufacturing Technology;X-95-1;
Includes research and development by the Defense Logistics Agency of technologies used in manufacturing processes.

0603790D NATO Research and Development;X-6-01;
The Congress appropriated $100 million in FY 1986 to be divided among the Services and Defense Agencies to diligently pursue opportunities with member nations of NATO to cooperate in research and development on defense equipment and munitions. These FY 1986 funds are being used by the defense agencies to initiate projects with the Europeans to address deficiencies and opportunities to exploit new technologies significant to conventional force modernization.

Excludes military construction costs and civilian and military manpower authorizations and associated costs.

06038000 (D,E) Joint Advanced Strike Technology - Dem/Val;X-95-1;
Funds a joint program to develop a high-technology, low-cost multirole fighter aircraft for the Air Force, Navy, and Marine Corps.

0603805E Dual Use Applications Programs;X-95-4;;
The objective of this program element is to leverage emerging, dual-use (e.g. potentially viable in both commercial and defense applications) technologies to the direct benefit of military system acquisition. An important additional objective is to assure consideration of the dual-use approach as a routine part of DoD s R&D process whenever commercial technology is better able to meet DoD s cost and performance requirements. This program will be jointly executed by ARPA and the Military Services to ensure transition of the technology to the services and to embed the lessons learned from this program directly in the mainstream R&D approaches of the Military Departments.

Technology thrusts will be selected jointly by ARPA and the Military Services and will be based on: (1) Potential of commercial technology development to meet Military Service needs and unique requirements; (2) Potential of commercial technology to reduce product cost to the military; (3) Extent of opportunity for insertion of technology into DoD systems, subsystems or demonstrations; (4) Extent of multi-service interest; and (5) Viable

transition plan for incorporation into military systems. Cost shared technology projects which best accomplish the program s objectives will be competitively selected, negotiated, and managed by a DoD team.

0603807D Medical Systems Advanced Development;X-92-3;
This program funds research on the advanced development of systems related to medical protection against naturally occurring diseases and biological warfare attacks. This includes development and initial human testing of vaccines, arthropod vector repellents, and prophylactic and therapeutic drugs. Research also involves rapid identification/diagnostic systems for disease and biological warfare agents. This program supports the Army's research in biotechnology. In addition, this program element supports advanced development to field new and improved medical equipment essential for combat casualty care in a high intensity battlefield. Systems development has the objective of reducing logistical support requirements through the use of advanced technology. Systems include resuscitation, blood substitutes, field x-ray, and field production of medical grade water and oxygen. Requirements for this program element have been identified in Battlefield Development Plans, Combat Support and Combat Service Support Mission Area Analysis, and Joint Services Operational Requirements.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0603832D Joint Wargaming Simulation Management Office;X-91-1;
This Program Element will fund analysis, research and development relative to war games, models and simulations for the joint office under the Office of the Secretary of Defense.

0603851D Environmental Security Technical Certification Program;X-95-1;
This program demonstrates and validates the most promising innovative environmental technologies targeting the DoD's urgent environmental needs and promising a five year pay back on the investment. When demonstration and validation of a particular technology is completed and the technology proves effective and affordable, a user data package will be developed and distributed.

0603860D Counterproliferation Support - Dem/Val;X-95-1;
Includes all demonstration and validation programs in support of the Department's counterproliferation initiatives other than those related to Chemical/Biological Defense.

0603861C Theater High-Altitude Area Defense System - TMD - Dem/Val;X-95-1;
Theater Missile Defense programs, projects, and activities that have an objective of THAAD design and demonstration/validation of the critical processes and technologies (early prototype) required for THAAD. Includes manpower authorizations and the associated costs specifically identified and measured to the performance of these programs.

0603862C Theater Missile Defense Ground Based Radar (GBR-T) - Dem/Val;X-95-1;

Theater Missile Defense programs, projects, and activities that have an objective of TMD-GBR design and demonstration/validation of the critical processes and technologies (early prototype) required for TMD-GBR. Includes manpower authorizations and the associated costs specifically identified and measured to the performance of these programs.

0603863C HAWK Upgrades Theater Missile Defense Acquisition - Dem/Val;X-95-1;
Theater Missile Defense programs, projects, and activities that have an objective of HAWK design and demonstration/validation of the critical processes and technologies (early prototype) required for HAWK. Includes manpower authorizations and the associated costs specifically identified and measured to the performance of these programs.

0603864C Battle Management and C4I for TMD Acquisition - Dem/Val;X-95-1;
Theater Missile Defense programs, projects, and activities that have an objective of BMC3I design and demonstration/validation of the critical processes and technologies (early prototype) required for BMC3I. Includes manpower authorizations and the associated costs specifically identified and measured to the performance of these programs.

0603865C Patriot PAC-3 Theater Missile Defense Acquisition - Dem/Val;X-95-1;
Theater Missile Defense programs, projects, and activities that have an objective of PAC-3 design and demonstration/validation of the critical processes and technologies (early prototype) required for PAC-3. Includes manpower authorizations and the associated costs specifically identified and measured to the performance of these programs.

0603866C ERINT/Patriot PAC-3 Risk Reduction - TMD - Dem/Val;X-95-1;
Theater Missile Defense programs, projects, and activities that have an objective of PAC-3 risk reduction design and demonstration/validation of the critical processes and technologies (early prototype) required for PAC-3 risk reduction. Includes manpower authorizations and the associated costs specifically identified and measured to the performance of these programs.

0603867C Navy Lower Tier TMD Acquisition - Dem/Val;X-95-1;
Theater Missile Defense programs, projects, and activities that have an objective of Navy Lower Tier design and demonstration/validation of the critical processes and technologies (early prototype) required for Navy Lower Tier. Includes manpower authorizations and the associated costs specifically identified and measured to the performance of these programs.

0603868C Navy Upper Tier TMD - Dem/Val;X-95-1;
Theater Missile Defense programs, projects, and activities that have an objective of Navy Upper Tier design and demonstration/validation of the critical processes and technologies (early prototype) required for Navy Upper Tier. Includes manpower authorizations and the associated costs specifically identified and measured to the

performance of these programs.

0603869C CORPS Surface-to-Air Missile - TMD - Dem/Val;X-95-1;
Theater Missile Defense programs, projects, and activities that have an objective of CORPS SAM design and demonstration / validation of the critical processes and technologies (early prototype) required for CORPS SAM. Includes manpower authorizations and the associated costs specifically identified and measured to the performance of these programs.

0603870C Boost Phase Intercept Theater Missile Defense Acquisition - Dem/Val;X-95-1;
Theater Missile Defense programs, projects, and activities that have an objective of Boost Phase Intercept design and demonstration/validation of the critical processes and technologies (early prototype) required for Boost Phase Intercept. Includes manpower authorizations and the associated costs specifically identified and measured to the performance of these programs.

0603871C National Missile Defense - Dem/Val;X-95-1;
National Missile Defense Programs, projects, and activities that have an objective of design and demonstration/validation of the critical processes and technologies (early prototype) required for National Missile Defense Activities. Includes manpower authorizations and the associated costs specifically identified and measured to the performance of these programs.

0603872C Other Theater Missile Defense/Follow-on TMD Activities Acquisition - Dem/Val;X-95-1;
Other Theater Missile Defense programs, projects, and activities that have an objective of design and demonstration/validation of the critical processes and technologies (early prototype) required for Other Theater Missile Defense Activities. Includes manpower authorizations and the associated costs specifically identified and measured to the performance of these programs.

0603884BP Chemical and Biological Defense Program - Dem/Val;X-95-1;
Includes all demonstration and validation development efforts in support of chemical and biological defense. Efforts include medical, non-medical and counterproliferation-related activities.

06038890 (B,D,G,K,L,W) Counterdrug RDT&E Projects;X-94-2;;
Captures all counterdrug advanced development costs not associated with a counterdrug-unique PE and specifically identified and measurable against other active counterdrug programs.

Includes advanced development efforts to translate technology into technical and operational prototypes suitable for field evaluations. Efforts include both non- systems and systems technology developments. May also be used for demand reduction development efforts. Only projects approved by the Secretary of Defense and supported by the transfer appropriation will be included.

0603899E RDT&E Future Joint Service Transition Options;X-80-005;

Includes RDT&E funds to enable advanced development of emerging technologies from the ARPA research and exploratory development technology base to be jointly supported and transitioned to the Services. These funds will provide for advanced development in the areas of strategic and tactical technologies, integrated command and control technologies, nuclear monitoring, and materials processing technologies.

Excludes civilian and military manpower and their related costs and military construction and procurement costs which are included in appropriate management and support elements in this program.

0603900E Undistributed;;;

0603916C Theater Missile Defense Acquisition DEM/VAL Programs;X-94-6;;
Theater Missile Defense programs, projects, and activities that have an objective of system design and demonstration/validation of the critical processes and technologies (early prototype) required for systems that are capable of providing a highly effective defense against theater missile threats. Includes manpower authorizations and the associated costs specifically identified and measured to the performance of these programs.

0603917C Ballistic Missile Defense Acquisition DEM/VAL Programs;X-94-6;;
Programs, projects, and activities that have an objective of system design and demonstration/validation of the critical processes and technologies (early prototype) required for systems that are capable of providing a highly effective defense against ballistic missile threats to the United States. Includes manpower authorizations and the associated costs specifically identified and measured to the performance of these programs.

0604160D Counterproliferation Support - EMD;;
Includes all engineering and manufacturing development programs in support of the Department's counterproliferation initiatives other than those related to Chemical/Biological Defense.

0604216C Theater Missile Defense (Dem/Val);X-94-3;;
Theater Missile Defense programs, projects, and activities that have an objective of system design and demonstration of the critical processes and technologies (early prototype) required for systems that are capable of providing a highly effective defense against theater missile threats.

Includes manpower authorizations and the associated costs specifically identified and measured to the performance of these programs.

0604217C Ballistic Missile Defense Technology;X-94-3;;
Programs, projects, and activities that have as a primary objective the development of technologies capable of supporting systems, components, and architectures that could produce highly effective defenses.

Includes manpower authorizations and the associated costs specifically identified and measured to the performance

of these programs.

0604220C Space Based Interceptors;X-92-3;;
Includes manpower authorizations and the associated costs specifically identified and measurable to the following:

Programs, projects, and activities (and supporting programs, projects, and activities) that are in engineering and manufacturing development that have as a primary objective the conduct of research on space based kinetic kill interceptors and associated sensors that could provide an overlay to ground based anti ballistic missile interceptors.

0604225C Theater Missile Defense Acquisition EMD Programs ;X-94-6;;
Theater Missile Defense programs, projects and activities in Engineering and Manufacturing Development that have an objective to mature and finalize selected system designs, validate manufacturing and production processes, test and evaluate systems that are capable of providing a highly effective defense against theater missile threats. Includes manpower authorizations and the associated costs specifically identified and measured to the performance of these programs.

0604226C Limited Defense Systems;X-93-3;;
Programs, projects, and activities (and supporting programs, projects, and activities) that are in engineering and manufacturing development which have as a primary objective the development of systems, components, and architectures for a deployable anti-ballistic missile system that is capable of providing a highly effective defense of the United States against limited ballistic missile threats, including accidental or unauthorized launches or Third World attacks, but below a threshold that would bring into question strategic stability. Such activities shall include those activities necessary to develop and test systems, components, and architectures capable of deployment as part of an ABM Treaty-compliant initial site defensive system. For purposes of planning, evaluation, design, and effectiveness studies, such programs, projects, and activities may take into consideration both the current limitations of the ABM Treaty and modest changes to its numerical limitations and its limitations on the use of space- based sensors.

0604246D Close Air Support Operational Tests;X-9-02;
Includes funds to be used to plan, conduct and evaluate results of Close Air Support (CAS) tests. The CAS Operational Test Plan Concept, submitted to Congress March 11, 1989, will serve as a basis for design and cond of the test. A wide range of tactical conditions will be eveluated to depict varying levels of conflict from to high intensity with the associated air defense environment. DOT&E will manage this program and designate multi-service task force with Army lead.

Excludes civilian and military manpower and their related costs and military construction costs which are incl in appropriate management and support elements in this program.

0604256D Threat Simulator Development;X-93-2;;
Includes funding for the development, acquisition and sustainment of actual threat systems, realistic threat

simulators and simulators representing threat systems for the portrayal of a realistic threat environment during testing of weapons systems.

0604258D Target System Development;X-93-2;;
Includes funding for the development of realistic surrogate or acquired targets to support test and evaluation and training on current and future weapons systems. Also includes funding to support acquisition and sustainment of targets for development test and evaluation efforts of weapons systems.

0604340D OT&E Capability Improvement;X-7-04;
Supports the development of DoD capability for operational testing in a realistic environment. Provides funds for items to support operational test and evaluation test requirements (current threats, representative terrain and weather, accurate force-on-force instrumentation, integration of red and blue forces, valid end-game solutions, survivability determination) that are not being procured by Service programs. OT&E capability acquisition will be managed by OSD (Director, Operational Test and Evaluation) and executed by the Services.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604384BP Chemical and Biological Defense Program - EMD;X-95-1;
Includes all engineering and manufacturing development efforts in support of chemical and biological defense. Efforts include medical, non-medical and counterproliferation-related activities.

0604701B Mapping, Charting, and Geodesy Engineering Development and Test (H);X-91-2;
Includes Research, Development, Test and Evaluation (RDT&E) funds for the engineering, development, test, evaluation and improvements of techniques, products, equipment, and systems to support the fulfillment of mapping, charting, and geodesy (MC&G) needs of both strategic and tactical deployment of forces, weapon systems operations, crises management of national defense and rescue operation. Provides the engineering development of systems for the improved collection and processing of geodesy, geophysical, and hydrographic data; data storage and retrieval; data reduction; data transmissions; increased automation of MC&G products; and support to the MC&G digital production system.

Excludes military department technology base research programs and the development efforts that support the MC&G organizations and missions assigned to military department; RDT&E manpower authorization (military departments' responsibility); and RDT&E facilities (military departments' responsibility).

0604702D Joint Standoff Weapons Program;X-8-02;
This program was established to ensure non-duplication among the various standoff weapon programs in development by the US Air Force and US Navy. The program includes FY 1988 funding previously identified for the Air Force's Modular Standoff Weapons Program (MSOW) and the Navy's Advanced Interdiction Weapon System (AIWS).

Excludes military construction and military and civilian manpower and their related costs.

0604703D LANDSAT (H);X-91-2;
Includes costs specifically identified to and associated with the LANDSAT 6 system.

Excludes military construction and military and civilian manpower and their related costs.

0604704D Rocket Motor Demilitarization Program;X-91-1;
Includes funding to develop environmentally acceptable technologies for the demilitarization of rocket motors.

0604705D Mobile Offshore Base Analysis;;
This program will develop the concept of using mobile offshore platforms linked together to preposition heavy equipment and material in strategic locations around the world.

0604706D Aeromedical Chemical Defense Systems;X-92-3;
Provides engineering development, modification, qualification, test and evaluation, procurement, and support planning of medical equipment and systems for treatment and evacuation of wartime casualties in a chemical or conventional warfare environment. Tactical, strategic, and covert aeromedical systems and unique medical treatment equipment are developed and fielded to meet USAF medical readiness and operational requirements.

0604708D Innovative Environmental Security Technology Systems Program ;X-94-3;;
This program demonstrates and validates the most promising innovative environmental technologies targeting the DoD's urgent environmental needs and promising a five year pay back on the investment. When demonstration and validation of a particular technology is completed and the technology proves effective and affordable, a user data package will be developed and distributed.

0604722D Joint Service Education and Training Systems Development;X-0-01;
This program element consolidates existing program elements to achieve more effective management of the Joint Service applications of new and emerging technologies to improve training and performance. Projects expedite rapid prototype development and transition of high payoff manpower and training technological products. The program promotes early identification of successful single-Service efforts that can be employed on a multi-Service/DoD-wide basis for military operations and training.

Excludes military and civilian manpower and military construction costs which are included in appropriate management and support elements in this program.

0604722S Joint Service Education and Training Systems Development;X-0-01;
This program element consolidates existing program elements to achieve more effective management of the Joint

Service applications of new and emerging technologies to improve training and performance. Projects expedite rapid prototype development and transition of high payoff manpower and training technological products. The program promotes early identification of successful single-Service efforts that can be employed on a multi-Service/DoD-wide basis for military operations and training.

Excludes military and civilian manpower and military construction costs which are included in appropriate management and support elements in this program.

0604724D Biological Defense - Engineering Development;X-93-2;;
Efforts funded in this program element perform engineering and manufacturing development of demonstrated and validated technical concepts for systems and equipment to be used for defending combat forces against biological threats.

0604759D Major T&E Investment;X-93-2;;
Includes funding for the development and acquisition of major upgrades for improvement and modernization (I&M) of test and evaluation activities that comprise the Army/Navy/Air Force portion of the DoD Major Range and Test Facility Base. I&M is defined as those investments that exceed $2 million per year or $10 million in total.

0604770D Joint Surveillance/Target Attack Radar System (JSTARS);X-6-01;
This joint Air Force/Army program (Joint STARS) develops a common, multi-mode radar and related control/processing systems to provide moving target detection, fixed target detection and weapons guidance capability. The system is to satisfy the needs of both services, with the TR-1 and OV-1 as primary platforms with B-707-like platforms as complementary platforms where justified for redundancy, survivability and mobility. The program initially focuses on accelerated fielding of the wide- area surveillance moving target indication and fixed target indicator modes, with designed-in pre-planned growth to include the weapons guidance capability. This joint effort is also reflected in PE 0603770F, 0604770F, and Army PE's 0603770A and 0604770A.

Excludes civilian and military manpower and their related costs and military manpower and their related costs and military construction costs which are included in appropriate management and support elements of this program.

0604771D Joint Tactical Information Distribution System (JTIDS);X-6-01;
This is a joint Service program, the purpose of which is to develop a time-ordered, secure, jam-resistant, low intercept potential, digital, ground-air-ground and air-to-air communication system with a relative positioning/navigation capability; to develop, prototype, and test the terminals and interfaces required for various Service applications; to conduct DT&E on the system and terminals; and to initiate actions leading to installation of terminals in operational elements of the Air Force. The system will be structured to operate as a communications bus into which users transmit into the bus that information of which they have most knowledge, and withdraw from the bus that information of greatest value for their specific mission. The system will interconnect all force elements, including ground and airborne command control and surveillance centers and combat and support aircraft. Work will include basic system signal structure design, general system engineering, electromagnetic compatibility studies and tests in conjunction with the FAA, engineering development of terminals for use in fighter-type aircraft and manpack applications, integration of the system and terminals into surface command and control elements, and participation in OT&E for various systems such as TACS, AWACS, F-15, etc.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0604772D Joint Advanced Systems;X-6-01;
Includes costs specifically identified and measurable to special classified projects for which information on resources will be provided only on a "need-to-know" basis to authorized personnel identified on a special access list.

Excludes military construction costs and civilian and military manpower authorizations and associated costs.

0604773D Medical Development (Med/Dental Equip Dev);X-92-3;
Provides for the development of equipment which greatly augments the treatment of combat casualties by improving the battlefield and shipboard availability of resuscitation fluids and wash solutions for stored blood, facilitate the thawing and washing of frozen blood for transfusions and improve the rewarming of hypothermic casualties in extremely cold environments.

0604807D Medical Material/Medical Biological Equipment;X-92-3;
Includes military and civilian manpower authorizations and related costs.

This program funds full scale engineering development through initial procurement of improved medical equipment, supplies and drugs essential to counteracting the threat of the integrated battlefield. Emphasis is on medical equipment which is highly mobile yet will support large numbers of combat casualties. Additionally, foreign medical materiel may be acquisitioned for exploitation of advanced technology and development to meet Army medical defense goals. This program element also supports the full scale development and initial procurement of vaccines, prophylactic and therapeutic drugs, the rapid identification/diagnostic systems, and improved arthropod vector repellent systems for the prevention of naturally occurring diseases and the medical defense against biological warfare agents. This program supports the Army's research in biotechnology. Follow-on procurement for the Army will be funded through Operations and Maintenance, Army appropriations. Requirements are identified in Letter Requirements and Joint Services Operation Requirements.

Excludes military construction costs which are included in appropriate management and support elements in this program.

0604861C Theater High-Altitude Area Defense System - TMD - EMD;X-95-1;
Programs, projects, and activities in Engineering and Manufacturing Development that have an objective to mature and finalize selected THAAD system designs, validate manufacturing and production processes, and test and evaluate THAAD systems. Includes manpower authorizations and the associated costs specifically identified and measured to the performance of these programs.

0604862C Theater Missile Defense Ground Based Radar (GBR-T) - EMD;X-95-1;
Programs, projects, and activities in Engineering and Manufacturing Development that have an objective to mature

and finalize selected TMD-GBR system designs, validate manufacturing and production processes, and test and evaluate TMD-GBR systems. Includes manpower authorizations and the associated costs specifically identified and measured to the performance of these programs.

0604863C HAWK Upgrades Theater Missile Defense Acquisition - EMD;X-95-1;
Programs, projects, and activities in Engineering and Manufacturing Development that have an objective to mature and finalize selected HAWK system designs, validate manufacturing and production processes, and test and evaluate HAWK systems. Includes manpower authorizations and the associated costs specifically identified and measured to the performance of these programs.

0604864C Battle Management and C4I for TMD Acquisition - EMD;X-95-1;
Programs, projects, and activities in Engineering and Manufacturing Development that have an objective to mature and finalize selected BMC3I system designs, validate manufacturing and production processes, and test and evaluate BMC3I systems. Includes manpower authorizations and the associated costs specifically identified and measured to the performance of these programs.

0604865C Patriot PAC-3 Theater Missile Defense Acquisition - EMD;X-95-1;
Programs, projects, and activities in Engineering and Manufacturing Development that have an objective to mature and finalize selected PAC-3 system designs, validate manufacturing and production processes, and test and evaluate PAC-3 systems. Includes manpower authorizations and the associated costs specifically identified and measured to the performance of these programs.

0604866C ERINT/Patriot PAC-3 Risk Reduction - TMD - EMD;X-95-1;
Theater Missile Defense programs, projects, and activities that have an objective of PAC-3 risk reduction design and demonstration/validation of the critical processes and technologies (early prototype) required for PAC-3 risk reduction. Includes manpower authorizations and the associated costs specifically identified and measured to the performance of these programs.

0604867C Navy Lower Tier TMD Acquisition - EMD;X-95-1;
Programs, projects, and activities in Engineering and Manufacturing Development that have an objective to mature and finalize selected Navy Lower Tier system designs, validate manufacturing and production processes, and test and evaluate Navy Lower Tier systems. Includes manpower authorizations and the associated costs specifically identified and measured to the performance of these programs.

06048890 (B,D,G,K,L,W) Counterdrug Engineering and Manufacturing Development Projects;X-94-2;;
Captures all counterdrug engineering and manufacturing development costs not associated with a couterdrug-unique PE and specifically identified and measurable against other active counterdrug programs.

May also be used for demand reduction engineering and manufacturing development. Only projects approved by the

Secretary of Defense and supported by the transfer appropriation will be included.

0604940D Central Test and Evaluation Investment Development (CTEIP);X-0-06;
Provides funds to cover engineering, development, and initial acquisition of DoD sponsored instrumentation systems which will be used by two or more Services to support testing of nationally significant weapons systems. Includes the need to improve DoD management visibility of multi-Service use instrumentation development so that duplications of effort between the Services in developing new technology instrumentation systems can be minimized. Also includes the development of a family of GPS-based time-space-position information (TSPI) instrumentation equipments.

Excludes military and civilian manpower and their related costs.

0604941D Space System Test Capabilities;X-7-04;
Provides funding for analytic support efforts to scope the requirments for Space Systems Test Capabilities. In addition to the overall Space System Test Capabilities Assessment, supports the scoping of the requirements for a Space Systems Test and Evaluation Facility (SSTEF). This effort will examine requirements for performing system level, man-in-the-loop, interactive testing for multi-element, multi-tired systems. An interface with a fusion center, such as the National Test Bed, connected to system elements in simulated operational environments is necessary to perform system level validation tests. Conducts analysis essential to the evaluation of requirements for system level interactive assessments and evaluation in realistic environments.

Excludes military and civilian manpower and their related costs.

0605010DN Research and Development Activities;X-92-1;;
Includes manpower authorizations, peculiar and support equipment and the associated direct and indirect costs specifically identified and measurable to Navy engineering research and development activities.

Includes the costs associated with Aeronautical Engineering Centers, Naval Air Test Centers, the Naval Civil Engineering Laboratory, the Naval Research Laboratory, and Space and Naval Warfare Centers.

0605101D Studies and Analyses (H);;
Includes civilian salaries and related benefits and military salaries and allowances of personnel assigned to the Weapons Systems Evaluation Group. Certain research and development contract costs are included, such as the contract for weapons systems studies with the Institute for Defense Analysis.

0605102D Net Technical Assessment (H);;
Includes research and development contract costs for net technical assessments of U.S. and foreign weapons, systems and technologies. An essential feature of the comparisons is the identification and quantification of critical parameters of these weapons, systems, and technologies to ascertain resulting implications on current or proposed U.S. RDT&E, force structure, and force planning alternatives.

0605103D Manpower Research (H);;

Includes RDT&E funds to provide for manpower and personnel research, studies, and analyses which address DoD policies and programs. Project is concerned with problems or programs common to the Military Services or with emerging problems which can not be treated effectively within the Military Services. A specific feature of this program element is to provide for effective coordination of Services' research programs on priority DoD problems. The range of research responsibilities varies from attitude and demographic surveys of pre-enlistment youth to the post-Services follow-up of reservists. Areas for research include the entire spectrum of personnel functions, including recruitment, selection standards, classification, assignment, training, educational and vocational development, occupational analysis, career structure and utilization, performance evaluation, retention, promotion, and discharge or retirement. Includes research directed towards manpower models and projections, personnel system simulation, unit effectiveness, and large-scale statistical analyses of manpower development programs. Also includes emerging problems of drug abuse control, equal opportunity, race relations, minority group development, leadership, and disciplinary problems as they impinge on the active and reserve forces, and other factors relating to the utilization or management of DoD personnel.

Excludes research on human engineering design and behavior and physiological studies not related to duty performance or to functioning of the personnel system.

0605104D Technical Studies, Support and Analysis;X-93-1;;
Includes resources to support technical studies on behalf of USD(A), and JCS.

Excludes civilian and military manpower and their related costs and military construction and procurement costs which are included in appropriate management and support elements in this program.

0605105D General Support to OSD (H);;
Includes resources to support studies of a general nature in such areas as international security affairs, program analysis and evaluation, and manpower and personnel research.

Excludes civilian and military manpower and their related costs and military construction and procurement costs which are included in appropriate management and support elements in this program.

0605106D General Support for PA&E;;
Includes resources to support studies of a general nature for program analysis and evaluation.

Excludes civilian and military manpower and their related costs and military construction and procurement costs which are included in appropriate management and support elements in this program.

0605107D General Support for Policy;X-1-003;
Includes resources to support studies of a general nature for the Office of the Under Secretary of Defense for Policy.

Excludes civilian and military manpower and their related costs and military construction and procurement costs which are included in appropriate management and support elements in this program.

0605108D General Support for Net Assessment;;

Includes resources to support studies of a general nature in net assessment.

Excludes civilian and military manpower and their related costs and military construction and procurement costs which are included in appropriate management and support elements in this program.

0605109D General Support for FM&P;X-5-01;
Includes resources to support studies of a general nature in manpower and personnel research.

0605110D Technical Support to USD(A)--Critical Technology;X-7-09;
Includes resources to support technical studies on behalf of USDRE for development of the Militarily Critical Technologies List (MCTL), guidelines for appropriate use of the MCTL, development of supporting documentation for the MCTL, negotiations with Coordinating Committee (COCOM) nations on embargo lists, NATO technology transfer reviews, and other studies related to identification and definition of critical technologies for use in all appropriate technology transfer decision processes.

0605111D Foreign Weapons Evaluation;;
Includes funds for the evaluation of foreign-developed weapons having potential for satisfying U.S. requirements, thereby minimizing duplicative development expenditures and improving standardization and interoperability of weapons systems in NATO.

Excludes civilian and military manpower and their related costs and military construction and procurement costs which are included in appropriate management and support elements in this program.

0605112D Rand National Defense Research Institute;X-7-09;;
Includes RDT&E funds to support a broad range of specialized research and analytical services by Rand Corporation as a Federal Contract Research Center to enhance OSD planning, policy formulation and decisionmaking processes as well as ARPA in assessment of emerging weapons technologies encompassing innovative research and advanced technology programs.

Excludes manpower and related costs.

0605112E Technical Analytical Support (H);X-92-4;;
Includes RDT&E funds to support a broad range of specialized research and analytical services by Rand Corporation as a Federal Contract Research Center to enhance OSD planning, policy formulation and decisionmaking processes as well as ARPA in assessment of emerging weapons technologies encompassing innovative research and advanced technology programs.

Excludes manpower and related costs.

0605113D Tapestry;X-4-08;

This is a special access program. Details available on a need-to-know basis.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0605114E BLACK LIGHT;X-5-01;
Includes military and civilian manpower and costs specifically identified and measurable to special classified projects for which information on resources will be provided only on a "need-to-know" basis to authorized personnel identified on a special access list.

0605115J CINC Contract Studies Support;X-5-05;
Includes RDT&E funds for centrally-managed support for contract study requirements of the unified and specified commands (CINCs). The studies identified by the CINCs address maintaining and improving joint warfighting capabilities, to include research and development, acquisition, C3I, and policy issues.

Excludes manpower and related costs.

0605116D General Support to C3I;X-5-06;
Includes resources to support studies in such areas as: strategic C3; theater and tactical C3; defense-wide C3; and defense-wide intelligence programs.

Excludes civilian and military manpower and their related costs and military construction and procurement costs which are included in appropriate management and support elements in this program.

0605117D Foreign Material Acquisition and Exploitation;X-93-4;;
This element provides resources to cover foreign material acquisition and exploitation (FMA&E) activities as required by DoD components to meet unanticipated opportunities. Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0605118D Operational Test and Evaluation;X-6-01;
This program element provides funds for the Director of Operational Test and Evaluation (DTO&E). The DTO&E is responsible for the direction and supervision of all aspects of operational (including joint) test and evaluation within the DoD, including a particular focus on initial operational test and evaluation.

Excludes military construction costs and civilian and military manpower authorizations and associated costs.

0605119D General Support for P&L;X-6-01;
This program element funds technical efforts related to research in development, procurement, logistics and

material management, spares program management and defense planning in support of the Office of the Assistant Secretary of Defense (Production and Logistics).

Excludes military construction costs and civilian and military manpower authorizations and associated costs.

06051200 (DS,S) Technical Information Service ;X-92-1;;
Includes manpower authorizations, peculiar and support equipment and the associated direct and indirect costs specifically identified and measurable to Defense Technical Information Service.

Includes the Defense Technical Information Center and Information Analysis Centers.

0605121H DNA Test Facility Base;X-95-1;
Includes both the investment and operating costs associated with the Defense Nuclear Agency's test facilities. The investment costs include both the development of test equipment and the procurement and installation of test equipment. The operating costs include the costs of maintaining a viable test capability but does not include the costs of conducting the tests themselves.

0605129D Technical Assistance;X-94-3;;
Includes resources to increase the number of small disadvantaged businesses (SDB), historically black colleges and universities (HBCU) and other minority institutions (MI) competing for DoD funded programs by expanding the number of bids, offers and proposals submitted in response to defense requirements. Technical assistance contracts will be awarded to SDB, HBCU and MI, with the object of developing joint ventures and subcontracting relationships between the minority private sector entities and DoD large and small businesses.

0605130D Foreign Comparative Testing;X-0-01;
This program element supports side-by-side testing of United States' manufactured equipment with comparable items manufactured by other members of NATO for potential use by the U.S. Department of Defense.

Excludes manpower authorizations and related costs.

0605131D Live Fire Testing;X-7-04;
Live Fire Testing is structured to evaluate the vulnerability and lethality of weapons systems in combat by firing munitions likely to be encountered in combat at a weapons system platform configured for combat. Funding requested is to support the Congressionally mandated Live Fire Testing Program, development of Live Fire unique instrumentation, procurement of necessary foreign materiel not otherwise available to serve as expendable Live Fire Testing threats and targets, and several independent T&E live fire activities.

The Services conducting or participating in Live Fire Testing provide for the direct cost of the tested weapon system/munition and the expenses of military personnel which are required to accomplish the tests.

Excludes military and civilian manpower and their related costs.

0605132D Joint Technical Coordinating Group for Aircraft Survivability;X-7-04;
Provides resources necessary to support joint combat survivability aircraft development, test and evaluation programs and activities. The object of these survivability activities is to: Identify gaps in technology; identify potential joint Service solutions; prevent unnecessary duplication of Service activities; conduct tests and evaluate aircraft survivability issues in order to develop criteria and standards for use in the acquisition process; and to conduct joint survivability projects to enhance war fighting capabilities.

The Services conducting or participating in this joint program provide for the expense of military personnel which are required to accomplish the associated activities and projects.

Excludes military and civilian manpower and their related costs.

0605133D Strategic Defense System Operational Test Organization;X-8-02;
This program element provides for the implementation and continued administration and technical support of a Strategic Defense System Operational Test Organization under the Director, Operational Test and Evaluation to ensure operational assessments are conducted from a systems perspective and to coordinate Service activities toward that end.

Excludes military construction and military and civilain manpower and their related costs.

0605134D Threat Simulator Development;X-9-02;
Includes RDT&E funds for development of threat simulators by the Services under OSD direction. The Threat Simulators are developed to provide a realistic environment for test and evaluation of weapons and support systems and for taining combat crews. Requirements for threat simulators are generated by combat developers and operational command. The Defense Threat Simulator Program (TSP) is characterized by centralized guidance from a Joint Executive Committee (EXCOM), and by decentralized execution by the Services. The CROSSBOW-S Committee functions as the EXCOMs technical arm, coordinating requirements for and acquisition of threat simulators for all Services.

Excludes manpower and related costs.

0605135D Environmental Center;X-91-1;
Funding associated with the support of the National Defense Center for Environmental Excellence.

0605136D FCIMS Programs;;
Flexible Computer Integrated Manufacturing Systems (FCIMS) will fund the enhancement of manufacturing processes through the integration of computer controls and sophisticated production equipment.

0605137D Manufacturing Engineering Education;;

This program promotes manufacturing engineering education through merit-based grants to colleges and universities.

0605138D Managers in the Classroom;;
This program provides matching funds for placing experienced manufacturing managers in technical schools, community colleges and institutions of higher learning to service the education and training needs of U.S. manufacturing firms.

0605152D Studies and Analysis;X-92-3;
Includes RDT&E funds for studies and analyses, accomplished by contract or grant, which deal with the critical examination and investigation of biomedical operations, functions, allocations of resources, personnel training, detailing, and other problems that may affect the relevancy, effectiveness, and efficiency of medical support of the Navy and Marine Corps.

0605160D Counterproliferation Support;X-95-1;
Includes management support to the Department's counterproliferation initiatives other than those related to Chemical/Biological Defense.

0605218C Ballistic Missile Defense RDT&E Program Management and Support;X-95-1;
Provides for manpower authorizations and the associated costs specifically identified and measured to the oversight and management of ballistic missile defense systems RDT&E.

0605280D Classified Programs;X-5-03;
Includes resources identified and measurable to special classified projects for which information on resources will be provided only on a "need-to-know" basis to authorized personnel identified on a special access list.

Excludes manpower and related costs.

0605281D Classified Programs;X-5-03;
Includes resources identified and measurable to special classified projects for which information on resources will be provided only on a "need-to-know" basis to authorized personnel identified on a special access list.

Excludes manpower and related costs.

0605306D Ranch Hand II Epidemiology Study;X-92-3;
This program element includes RDT&E funds necessary to conduct an epidemiology study of possible health effects on Air Force personnel and veterans who conducted aerial herbicide missions in Vietnam (Ranch Hand). This study resulted from an Air Force commitment to Congress and to the White House (Domestic Policy Council) to determine

whether long-term health effects exist and can be attributed to routine occupational exposures to herbicide orange. This is potentially a 20-year program involving a comparison of Ranch Hand personnel to other crewmembers and support personnel serving in Vietnam, who were not exposed to herbicides for:

a. Mortality

b. Current and past health status (questionnaire and physical examination).

c. Follow-up health status (readministration of an adapted questionnaire reaccomplishment of an adapted physical exam at 3-, 5-, 10-, 15-, and 20-year time periods).

0605384BP Chemical and Biological Defense Program;X-95-1;
Includes all engineering and manufacturing development efforts in support of chemical and biological defense. Efforts include medical, non-medical and counterproliferation-related activities.

06055020 (D,E) Small Business Innovative Research;X-0-10;
This program element is in response to the Small Business Innovative Act of 1982, P.L. 97-219, that amends the Small Business Act (15 U.S.C. 631). The purpose is to stimulate technological innovation and use small business to meet research and development needs. The program element establishes a uniform, simplified format to award small business concerns contracts for submitting innovative and imaginative solutions to identified problems requiring research and development. Proposals may be submitted in two phases in response to an annual solicitation as published by the Department of Defense. The Small Business Innovative Research (SBIR) efforts are directed toward meeting mission requirements by taking advantage of technologies identified through the imagination and diversity of small businesses.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0605701H Nuclear Weapons Effects Test (H);;

0605710D Classified Programs - C3I;X-95-1;

06057110 (D,S) Critical Technology Analysis;X-6-01;
Includes manpower authorizations, and the associated costs specifically identified and measurable to the DoD Technology Analysis Office whose mission includes providing technical management support for the development of the Ada language, STARS, VHSIC, MIMIC, and university and laboratory research programs. Efforts will include analysis, studies, reviews, and assessments necessary for the development and implementation of policies, procedures, and other guidance required for management of these programs throughout the acquisition process.

0605790D Small Business Innovative Research Administration;X-94-5;;

Funding in this program element provides for staff administration costs in the functions of guiding small business through the processes of the SBIR program; instruction on commercializing the results of SBIR efforts; and the collection and submission of specific data to Congress on each project.

0605798S Defense Support Activities;X-91-2;
DoD Support Activities (DSA) are OSD and DOD-Wide activities administered by the Defense Logistics Agency. Includes manpower authorizations, peculiar and support equipment, necessary facilities and associated costs specifically identified and measurable to the following:

Defense Manpower Data Center (FM&P); Defense Technical Analysis Office (USD(A)); Training and Performance Data Center (FM&P).

0605800D Medical Command Support;X-92-3;
Provides resources for the management and administration of functions at the U.S. Army Medical Research and Development Command required to accomplish overall assigned missions not directly related to specific research and development projects.

06058010 (D,S) Defense Technical Information Center;X-94-3;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Defense Technical Information Center.

0605802S Information Analysis Centers;X-80-005;
Includes RDT&E funds to support the following Information Analysis Centers:

Chemical Propulsion Information Agency (Johns Hopkins University); Infrared Information Analysis Center (Environmental Research Institute of Michigan); Machinability Data Center (Metcut Data Center); Mechanical Properties Data Center (Battelle Memorial Institute); Metal Matrix Composite (TO BE DETERMINED); Metals and Ceramics Information Center (Battelle Memorial Institute); Nondestructive Testing (Southwest Research Institute); Reliability Analysis Center (Illinois Institute of Technology Research); Tactical Weapon Guidance and Control (Illinois Institute of Technology Research); Thermophysical and Electronic Properties (Purdue University).

Excludes civilian and military manpower and their related costs and military construction and procurement costs which are included in appropriate management and support elements in this program.

06058030 (D,S) R&D in Support of DoD Enlistment, Testing and Evaluation;X-0-01;
This program element transfers the test development, calibration and quality control functions of the Armed Services Vocational Aptitude Battery (ASVAB) from the Air Force program element 0602205F to the Defense Manpower Data Center (DMDC). DMDC is a management support activitiy of the Defense Logistics Agency. The ASVAB is a single test that is used by the Department of Defense to determine eligibility of military applicants and to

report recruit quality data to Congress.

Excludes military and civilian manpower and military construction costs which are included in appropriate management and support elements in this program.

0605804D Development Test and Evaluation;;
Includes RDT&E funds in support of the Office of Deputy Director for Test and Evaluation, USDR&E, in the implementation of the mission assigned by the Deputy Secretary of Defense. These funds will provide for unique costs incurred in support of selected joint and inter-Service tests, and of tests to improve the quality of operational test and evaluation capability through development of more adequate basic information and instrumentation to meet joint Service requirements, such as feasibility studies; test design and planning; development, procurement, installation, and operation of special instrumentation; transportation, travel, and per diem costs of test director's staff; modification of test articles to permit obtaining test data; the provision of data collection, reduction, and analysis; and test reporting. In addition, these funds will provide for certain costs incurred in overseeing the test and evaluation of foreign weapon systems by the Services for possible DoD use and in administering for the Office of the Secretary of Defense its responsibilities for the national and major service test ranges.

Excludes civilian and military manpower and their related costs and procurement costs which are included in appropriate management and support elements in this program.

0605805D Thirst Watcher;X-9-02;
This is a classified program. Details will be provided on a need-to-know basis to appropriately cleared personnel.

0605805E Tri-Service National Test Range (H);X-92-4;;
Includes RDT&E funds to establish a national Tri-Service Laser Test Range for use by the Services and Defense Agencies to perform vulnerability, lethality and laser testing.

0605861D Science and Technology Mgt (NAVMED Mqt Support);X-92-3;
Funds certain programwide management and operational costs at the Naval Medical Research and Development Command and specified Naval Medical Laboratories that do not distribute overhead. Resources are used for general administrative expenses and includes costs of laboratory support provided by other agencies/commands.

0605862D RDT&E Instrumentation Modernization ;X-92-3;
Funds the procurement of new and replacement general purpose analytical and research support equipment, equipment installation and transportation costs of newly purchased equipment for the Naval Medical Research and Development Command Headquarters, eight medical research laboratories and three detachments. Also provides funds to meet congressionally mandated standards for laboratory animal facilities.

0605872D Productivity Investments;X-7-09;

Provides "set-aside" RDT&E resources to finance productivity enhancing capital investments including component-sponsored investments. Candidate projects are included which meet the established DoD criteria in DoD Instruction 5010.36 and component criteria as described below:

Each project must (a) demonstrate adequate return on investment and compete for funding based on first four years of operations, (b) amortize during the economic life of the project, and (c) comply with all existing policies and regulations governing acquisition and management of equipment and facilities.

Excludes non-RDT&E funded productivity enhancing investments (See 09012150).

0605872E Productivity Investments (H);X-92-4;;

0605898C Management Headquarters (Strategic Defense Initiative);X-4-06;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Strategic Defense Initiative (SDI).

Excludes nonmanagement headquarters resources.

0605898D Management Headquarters (Research and Development);X-92-3;
Provides funding for management headquarters activities at the U.S. Army Medical Research and Development Command to :develop policy and guidance; perform long range planning, programming and budgeting; provide for the management of resources; and conduct program performance reviews.

0605898E Management Headquarters (Research and Development);;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Advanced Research Projects Agency (ARPA)

Excludes nonmanagement headquarters resources.

DEPARTMENT OF DEFENSE
PROGRAM ELEMENT DEFINITIONS

0701101DD Inventory Drawdown;X-95-2;
For USD(COMP) use only.

0701109A Supply Depots (IF) (H);X-92-4;;
Includes manpower authorizations and the associated costs specifically identified and measurable to the following: Supply activities (receipt, storage, and shipment of materiel) at the following industrially-funded depots:

Anniston Army Depot, Anniston, AL; Letterkenny Army Depot, Chambersburg, PA (includes Savanna Depot Activity); New Cumberland Army Depot, New Cumberland, PA; Red River Army Depot, Texarkana, TX (includes Lexington-Blue Grass Depot Activity); Sacramento Army Depot, Sacramento, CA; Tobyhanna Army Depot, Tobyhanna, PA; Tooele Army Depot, Tooele UT, (includes Umatilla Storage Activity, Army Rail Activity at Hill AFB, Pueble Depot Activity, Ft Wingate Storage Activity and Navajo Storage Activity); Corpus Christi Army Depot, Corpus Christi, TX; Seneca Army Depot, Romulus, NY; Sharpe Army Depot, Lathrop, CA; Sierra Army Depot, Herlong, CA.

Excludes Inventory control point operations (see PE 07011120); industrially-funded depot maintenance activities (see PE 07020070); and procurement operations (see PE 07011130).

0701110A Revenues (Supply Depots) (IF) (H);X-94-3;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: The revenues (minus entry) received for goods and services furnished by the Supply Depots (IF) element. Also includes the net annual operating gain or loss for these activities.

07011110 (A,F,N,M,S) Supply Depot Operations (Non-IF);;
Includes manpower authorizations and the associated costs specifically identified and measurable to the following: Supply operations, including receipt, storage, preservation and issue of assigned stocks at the following installations/activities. This program element also includes funds for the reimbursement of the industrial fund for supply operations, and funds for construction projects at supply depots:

ARMY: Army Depots and depot activities in overseas commands.

NAVY: Navy Supply Centers: Norfolk, Oakland, San Diego, Pearl Harbor, Charleston, Puget Sound; Fuel Depot, Jacksonville; Navy Publications and Forms Center, Philadelphia, PA.

MARINE CORPS: Marine Corps Logistics Support Base, Pacific, Barstow, CA; Marine Corps Logistics Support Base, Atlantic, Albany, GA.

AIR FORCE: Air Logistics Centers at Ogden, Oklahoma City, Sacramento, San Antonio, Warner Robins.

DEFENSE LOGISTICS AGENCY: Defense Supply Centers: Construction, Electronics, Fuel, General, Industrial; Defense Personnel Support Center; Defense Depots: Mechanicsburg, Memphis, Ogden, Tracy.

This program element also includes funds for the reimbursement of the Industrial Fund for supply operations and funds for construction project at supply depots.

Excludes Inventory control point operations (see PE 07011120); procurement operations (see PE 07011130); and base operations and real property maintenance (see PE 07028960).

07011120 (A,F,M,N,S) Inventory Control Point Operations;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: Facilities providing for the operation of inventory control points and other activities performing supply management functions. Functions include inventory control, commodity management, requirements computations, standardization and cataloging, other inventory control and logistics support functions, logistics data management, stock control, requisitions processing, inventory accounting and stock control records, and supply management operations support in the following units:

ARMY: Supply Distribution Centers at: Tank-Automotive Materiel Readiness Command, Armament Materiel Readiness Command, Missile Materiel Readiness Command, Troop Support and Aviation Materiel Readiness Command, Communications and Electronics Readiness Command; U.S. Army Support Center, Philadelphia, PA; General Materiel & Petroleum Activity, New Cumberland Depot; Major Item Data Agency, New Cumberland Depot; Cataloging Data Office, New Cumberland Depot; International Logistics Center, New Cumberland Depot; Maintenance Management Center, Lexington-Blue Grass Depot; Equipment Authorization Center, Ft Belvoir, VA; Materiel Management Center, Zweibrucken, Germany.

NAVY: Ships Parts Control Center; Aviation Supply Office; Fleet Materiel Support Office; Navy Petroleum Office; Navy Food Service Systems Office.

MARINE CORPS: Marine Corps Logistics Support Base, Atlantic, Albany, GA.

AIR FORCE: Oklahoma City Air Logistics Center; San Antonio Air Logistics Center; Warner Robins Air Logistics Center; Ogden Air Logistics Center; Sacramento Air Logistics Center; Air Force Logistics Management Center.

DEFENSE LOGISTICS AGENCY: Defense Personnel Support Center; Defense Construction Supply Center; Defense Electronics Supply Center; Defense General Supply Center; Defense Industrial Supply Center; Defense Fuel Supply Center.

Excludes Supply operations, (see PE 07011110); Procurement operations (see PE 07011130); and base operations and real property maintenance (see PE 07028960).

0701113F Procurement Operations (H);X-95-2;

07011130 (A,N,S) Procurement Operations;;
Includes manpower authorizations and the associated costs specifically identified and measurable to the centralized procurement and contract administration activities in the following organizations:

Central Procurement Agencies; Contract Administration Agencies; Air Force Contract Management Division; Plant Representative Offices; Defense Contract Administration Services Field Activities; Air Procurement Regions; Navy

Purchasing Offices; Procurement Inspection Offices.

0701120A End Item Supply Depot Support;X-0-05;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and associated costs specifically identifiable and measurable to end item supply depot operations.

Excludes conventional ammunition and secondary item supply depot operations.

0701121A End Item Inventory Control Point Operations;X-92-3;
Includes manpower authorizations, peculiar and support equipment, necessary facilities, and associated costs of end items inventory control point operations.

Includes resources for activities conducted in support of end item distribution, disposal, requirements determination, requisition processing, stock control, war reserve requirements, cataloging, weapons systems management, wepons systems supply support, provisioning, budgeting/funding, allowances/ISSL, configuration management, technical support, and maintenance management.

Includes maintenance support activities in support of end items which were previously included in program element 0708017A.

Excludes conventional ammunition and secondary item integrated material management.

0701122A End Item Procurement Operations;X-92-3;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and associated costs of end item procurement operations.

Excludes conventional ammunition and secondary item procurement operations in other functional PEs.

Resources in this PE have been transferred to PE 0701121A. No funds will be executed in the PE after the end of FY 91.

0702003A Munitions Facilities (IF) (H);X-92-4;;
Includes manpower authorizations and the associated costs specifically identified and measurable to the following: Manufacturing, receipt, storage, issue, and rework/overhaul of weapons and ammunition at the following industrially- funded installations:

Crane Army Ammunition Activity; Frankford Arsenal; Hawthorne Army Ammunition Plant; McAlester Army Ammunition Plant; Picatinny Arsenal; Pine Bluff Arsenal; Rock Island Arsenal; Rocky Mountain Arsenal; Watervleit Arsenal.

Excludes Industrially-funded missile facilities (see PE 0702009A).

0702004A Revenues (Munitions Facilities)(IF) (H);X-92-4;;

Includes the revenues (minus entry) received for goods and services furnished by the Munitions Facilities (IF) element. Also includes the net annual operating gain or loss for these activities.

07020070 (A,F,M,N) Depot Maintenance (IF) (H);X-92-4;;
Includes manpower authorization and the associated costs specifically identified and measurable to depot-level maintenance at the following industrially-funded installations:

ARMY: Anniston Army Depot, Anniston, Alabama; Letterkenny Army Depot, Chambersburg, Pennsylvania (includes Savanna Depot Activity); New Cumberland Army Depot, New Cumberland, Pennsylvania; Red River Army Depot, Texarkana, Texas (includes Lexington-Blue Grass Depot Activity); Sacramento Army Depot, Sacramento, California; Tobyhanna Army Depot, Tobyhanna, Pennsylvania; Tooele Army Depot, Tooele, Utah (includes Umatilla Storage Activity, Army Rail Activity at Hill AFB, Pueblo Depot Activity, Ft. Wingate & Navajo Storage Activities); Corpus Christi Army Depot; Seneca Army Depot, Romulus, New York; Sierra Army Depot, Herlong, California.

NAVY: Naval Air Rework Facility, MAS, Cherry Point, North Carolina; Naval Air Rework Facility, Alameda, California; Naval Air Rework Facility, Jacksonville, Florida; Naval Air Rework Facility, Norfolk, Virginia; Naval Air Rework Facility, North Island, California; Naval Air Rework Facility, Pensacola, Florida.

MARINE CORPS: Marine Corps Logistics Support Base Pacific, Barstow, California; Marine Corps Logistics Support Base, Atlantic, Albany, Georgia.

AIR FORCE: Air Logistics Center, Ogden, Utah; Air Logistics Center, Oklahoma City, Okla.; Air Logistics Center, Sacramento, Calif.; Aerospace Guidance & Metrology Center, Newark, Ohio; Air Logistics Center, San Antonio, Texas; Air Logistics Center, Warner Robbins, Georgia.

Excludes Naval Avionics Facility (see 0702026N).

07020080 (A,F,M,N) Revenues (Depot Maintenance) (IF) (H);X-92-3;
Includes the revenues (minus entry) received for goods and services furnished by the Depot Maintenance Activities (IF) element. Also includes the net annual operating gain or loss for these activities.

0702009A Missile Facilities (IF) (H);;
Includes manpower authorizations and the associated costs specifically identified and measurable to the following: Program management, research and development, manufacturing, receipt, storage, issue, and overhaul of missiles and missile support items at the following industrially-funded activities:

POLARIS Missile Facility-Atlantic, Charleston, South Carolina; POLARIS-Missile Facility-Pacific, Bremerton, Washington; U.S. Army Missile Research & Development Command, Redstone Arsenal, Huntsville, Alabama (includes U.S. Army Missile Research Development and Engineering Laboratory and U.S. Army Missile Intelligence Agency); U.S. Army Missile Materiel Readiness Command, Redstone Arsenal, Huntsville, Alabama (includes U.S. Army Metrology and Calibration Center).

Excludes management headquarters (see PE 0702098A and PE 0605098A).

0702009N Missile Facilities (IF);;

Includes manpower authorizations and the associated costs specifically identified and measurable to the following: Program management, research and development, manufacturing, receipt, storage, issue, and overhaul of missiles and missile support items at the following industrially-funded activities:

POLARIS Missile Facility-Atlantic, Charleston, South Carolina; POLARIS-Missile Facility-Pacific, Bremerton, Washington; U.S. Army Missile Research & Development Command, Redstone Arsenal, Huntsville, Alabama (includes U.S. Army Missile Research Development and Engineering Laboratory and U.S. Army Missile Intelligence Agency); U.S. Army Missile Materiel Readiness Command, Redstone Arsenal, Huntsville, Alabama (includes U.S. Army Metrology and Calibration Center).

Excludes management headquarters (see PE 0702098A and PE 0605098A).

0702010A Revenues (Missile Facilities) (IF) (H);;
Includes the revenues (minus entry) received for goods and services furnished by the Missile Facilities (IF) element. Also includes the net annual operating gain or loss for these activities.

0702010N Revenues (Missile Facilities) (IF) (H);X-94-3;;
Includes the revenues (minus entry) received for goods and services furnished by the Missile Facilities (IF) element. Also includes the net annual operating gain or loss for these activities.

0702026N Naval Avionics Facilities (IF);X-78-004;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Naval Avionics Facility, Indianapolis, IN, Naval Air Engineering Center, Lakehurst, NJ , (Includes Naval Air Station, Lakehurst, New Jersey)

0702027N Revenues (Naval Avionics Facilities) (IF) (H);X-94-3;;
Includes the revenues (minus entry) received for goods and services furnished by industrially funded Naval Avionics Facilities element. Also includes operating gain or loss for these activities.

0702028N Ship Maintenance Activities (IF);;
Includes manpower authorizations, and the associated costs specifically identified and measurable to facilities that provide an industrial base for construction, repair, modernization, and logistics support of ships and crafts of the Navy. Functions include providing logistics support for assigned ships and craft; performing authorized work in connection with construction, conversion, overhaul, repair, alteration, drydocking and outfitting of ships and crafts as assigned; providing services and material to other activites and units as directed. These activities are located at the following industrially-funded Naval shipyards: Portsmouth, Philadelphia, Norfolk, Charleston, Mare Island, Long Beach, Puget Sound, and Pearl Harbor.

Excludes nonindustrially-funded ship maintenance (see PE 0702228N, Ship Maintenance Activities (Non-IF).

0702029N Revenues (Ship Maintenance Activities) (IF) (H);X-94-3;;
Includes revenues received for goods or services furnished by the designated activities in the Ship Maintenance Activities (IF) element. Also includes the annual net gain or loss for these activites.

0702031N Naval Ordnance Activities (IF);;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the manufacture, receipt, storage, rework and issue of missiles, expendable and nonexpendale ordnance, and ammunition to the fleet:

Naval Ordnance Station, Louisville, Kentucky, Naval Ordnance Station, Indian Head, Maryland, Naval Torpedo Station, Keyport, Washington, Naval Weapons Station, Charleston, South Carolina, Naval Weapons Station, Seal Beach, California, Naval Weapons Station, Yorktown, Virginia, Naval Weapons Station, Concord, California , Naval Ammunition Depot, Earle, New Jersey, Naval Ship Weapons Systems Engineering Station, Port Hueneme, California

Excludes Overseas Ordnance Depots (see appropriate Base Operations elements); and industrially-funded missile facilities (see PE 0702009N).

0702032N Revenues (Naval Ordnance Activities) (IF) (H);X-94-3;;
Includes the revenues (minus entry) received for goods or serices furnished by the activities in the Naval Ordnance activities element. Also includes the net annual operating gain or loss for these activities.

0702033F Printing Plants (IF) (H);;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Publications Printing Service Headquarters, Washington, D.C., Defense Printing Service, Washington, D.C., Publications Printing Service Offices, Air Force Base Printing Activities - Historical

Excludes Air Force Printing Services identified to Other Headquarters Support element in Program 9.

0702033N Printing Plants (IF) (H);X-94-3;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Publications Printing Service Headquarters, Washington, D.C., Defense Printing Service, Washington, D.C., Publications Printing Service Offices, Air Force Base Printing Activities - Historical

Excludes Air Force Printing Services identified to Other Headquarters Support element in Program 9.

0702034F Revenues (Printing Plants) (IF) (H);;

Includes revenues received for goods or services furnished by the designated activities in the Printing Plants (IF) element. Also includes the annual net gain or loss for these activities.

0702034N Revenues (Printing Plants) (IF) (H);;
Includes revenues received for goods or services furnished by the designated activities in the Printing Plants (IF) element. Also includes the annual net gain or loss for these activities.

0702035F Laundries (IF)(H);X-94-5;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to industrially-funded laundry and dry cleaning services.

Excludes laundry operations (nonindustrially funded) assigned to appropriate base operations elements.

0702036F Revenues (Laundries) (IF) (H);X-92-3;
Includes the offsetting costs of industrially funded operations included in the laundries element. The sum of the industrially funded entries in the laundries element should equal the total amount reflected in this element.

0702037N Public Works Centers (IF);X-2-003;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the folllowing:

Public Works Center, Great Lakes, IL, Public Works Center, Newport, RI, Public Works Center, Norfolk, VA , Public Works Center, Pearl Harbor, Hawaii, Public Works Center, San Diego, CA, Public Works Center, Pensacola, FL, Public Works Center, Subic Bay, Public Works Center, Guam, PWTC, San Francisco, CA

Excludes Public Works Center, Guantanamo, Cuba (see PEs 0204794N and 0204796N for Fleet Support Surface in Program 2); and Public Works Centers which are nonindustrially funded (see PE 0702237N in this program).

Excludes overhead funds identified as RPMA & BOS which are found in PEs 0702094N and 0702096N.

0702038N Revenues (Public Works Centers) (IF) (H);X-94-3;;
Includes revenues received for goods or services furnished by the designated activities in the Public Works Centers (IF) element. Also includes the annual net gain or loss for these activities.

0702039S Directorate of Manufacturing, Defense Personnel Support Center;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Industrially-funded clothing and textile manufacturing facilities of the Defense Logistics Agency.

0702041S Revenues (Directorate of Manufacturing, Defense Pers Spt Ctr) (IF) (H);X-94-3;;
Includes the offsetting costs of industrially-funded operations included in the clothing and textiles manufacturing facility of the Defense Logistics Agency. Note: The entries in the principal program element need not necessarily equal the amount reflected in this element because of military personnel and capital investment costs. These costs are not reimbursable to the revenue account.

0702043N Information Automation (IF);X-3-03;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated cost specifically identified and measurable to the activities listed. Automated information support is provided to such functions as training, personnel management, component rework and ship maintenance.

Naval Regional Data Automation Center, Washington, DC; Naval Regional Data Automation Center, Pensacola, FL; Naval Regional Data Automation Center, Jacksonville, FL; Naval Regional Data Automation Center, New Orleans, LA; Naval Regional Data Automation Center, San Diego, CA; Naval Regional Data Automation Center, San Francisco, CA; Naval Data Automation Facility, Newport, RI; Naval Data Automation Facility, Pearl Harbor, HI; Naval Regional Data Automation Center, Norfolk, VA;

Excludes Naval Regional Data Automation Center, Washington, D.C. costs associated with personnel in direct support of Headquarters (see program element 0702198N).

0702044N Revenues (Information Automation) (IF) (H);X-94-3;;
Includes revenues received for goods or services furnished by the activities designated in the Information Automation (IF) element. Also includes the annual net gain or loss for these activities.

0702045S ADP Equipment Acquisition Activity;X-4-03;
Includes funds to purchase computers in lieu of lease.

Excludes manpower authorizations and their related costs.

0702056A Environmental Compliance-AIF (H);X-92-4;;
Includes civilian and military manpower and associated costs and resources identified to the following: Direct costs required to comply with applicable environmental laws, regulations, criteria, and standards. Applies to manpower (if over 50% of time is devoted to environmental duties), training, travel, supplies, permits, fees, support equipment, service, and construction contracts (if the primary purpose is to comply with environmental standards) and the associated costs specifically identified and measurable to environmental compliance.

07020930 (A,N) Revenues (Real Prop. Maint.-Logistics)(IF) (H);X-92-4;;
Includes the revenues (minus entry) received for goods and services sold by the activities in IF program element

07020940. Also includes the net annual operating gain or loss for these activities.

07020940 (A,M,N) Real Property Maintenance - Logistics (IF) (H);X-93-2;;
Includes manpower authorizations, peculiar and support equipment, specifically identified and measurable to the following:

Real property maintenance at fixed telecommunications installations. Maintenance and Repair of all real property, utilities systems, buildings, other facilities, pavements (roads, parking areas, etc.), land (grounds), Minor construction (with other than military construction funds).

Includes all resources in functional categories 9, 10, 11 and 12 as defined in DoD Instruction 7220.20. Also includes all resources (except manpower and military pay) used by groups/units assigned to specific BOS tasks on an ad hoc basis such as Army engineer units assigned to repair/construct facilities, roads, parking areas, etc., even if the work is classified as A military unit training project.

Excludes costs of maintaining family housing. See P.E. 08087460, Family Housing Maintenance.

For Navy Public Works Centers, excludes NIF operating funds for customers and non-RPMA manpower (i.e., associated with family housing. (See P.E. 0702037N, Public Works Centers (IF)); and all resources associated with lease operations of PWC owned and base operations of customers activities (transportation). See P.E. 0703896N, Base Operations (Logistics) (IF).

0702096A Base Operations-Logistics (IF) (H);X-92-4;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following functional categories of effort at Industrially funded Logistics activities and installations:

Administration Installation Headquarters Administration and Command (including squadron level responsible for Base Operations); Installation Comptroller services; Installation ADP services; Installation Information Activities; Installation Legal Activities; Installation Civilian Personnel Administration; Installation Military Personnel Administration; Installation Printing and Reproduction; Installation Safety; Installation Management Analysis/Management Engineering; Retail Supply Operations; Installation Supply Activities; Installation Procurement Operations; Installation Storage Activities. Maintenance of Installation Equipment (includes maintenance of administrative aircraft, vehicle and mission aircraft); Other Base Services; Installations Transportation Activities installation Training (excludes troop training and tactical exercises); Installation physical Security and Police Activities; Laundry and Dry Cleaning (for troop support and other appropriated fund activities); Bachelor Housing Operations and Furnishings (management; housing assignment; care of quarters; provisions, care, preservation and maintenance of furnishings, etc.); Other Personnel Support; Food Service; Social Action Community Services; Chaplains; Bands (excluding The Army Band and Division Bands); Morale, Welfare and Recreation.

Operation of utilities for all real property. Other engineering support: fire protection custodial services; entomology services; refuse collection and disposal; snow removal and ice alleviation; rental of real property (excluding payment to GSA); other installation engineering services.

Excludes the following functional categories which are part of the standard definition of Base Operations Support, but are reported under separate PEs:

Maintenance and Repair of Real Property; Minor Construction; Base Communications Commissary Operations: Retail and Troop; Issue Station Hospitals; Medical and Dental Clinics and Dispensaries; Family Housing.

07020960 (A,M,N) Base Operations - Logistics (IF);X-7-05;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following functional categories of effort:

For Army - Real Estate Leases - Includes all direct costs of GSA managed leases (SLUC and reimbursable charges). Excludes all overhead and management costs associated with real estate administration and management.

Administration-Installation Headquarters Administration and Command (including squadron level responsible for Base Operations); Installation Comptroller Services; Installation ADP services; Installation Information Activities; Installation Legal Activities; Installation Civilian Personnel Administration; Installation Military Personnel Administration; Installation Printing and Reproduction; Installation Safety; Installation Management Analysis/ Management Engineering.

Retail Supply Operations-Installation Supply Activities; Installation Procurement Operations; Installation Storage Activities.

Maintenance of Installation Equipment-(includes maintenance of administrative aircraft, vehicles and equipment but excludes maintenance of tactical equipment, combat vehicles and mission aircraft.)

Other Base Services-Installation Transportation Activities; Installation Training (excludes troop training and tactical exercises); Installation Physical Security and Police Activities; Laundry and Dry Cleaning (for troop support and other appropriated fund activities); Installation Airfield/Air Base Operations (control tower, weather, flight services, etc.); Installation Restoration.

Bachelor Housing Operations and Furnishings (management; housing assignment; care of quarters; provisions, care, preservation and maintenance of furnishings, etc.).

Other Personnel Support-Food Service; Social Action; Community Services; Chaplains; Bands; Morale, Welfare and Recreation.

For Navy Public Works Centers, includes: NIF funds for PWC own base operations; Civilian and military manpower and MPN associated with base operations for own and customer activities (e.g., transportation); Construction funding associated with transportation facilities.

Excludes the following functional categories which are a part of the standard definition of Base Operating Support, but are reported under separate PEs:

Maintenance and Repair of Real Property; Minor Construction; Operation of Utilities; Other Engineering Support; Base Communications; Commissary Operations: Retail and Troop Issue; Station Hospitals, Medical and Dental Clinics and Dispensaries; Family Housing.

07020970 (A,N,M) Revenues (Base Operations-Logistics)(IF) (H);X-94-3;;
Includes the revenues (minus entry) received for goods and services sold by the activities in IF program element 07020960. Also includes the net annual operating gain or loss for these activities.

0702098A Management Headquarters (Logistics) (IF) (H);X-1-006;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: Headquarters, U.S. Army Missile Command.

Excludes nonmanagement headquarters resources (refer DoDD 5100.73).

0702099A Revenues (Management Headquarters)-(Logistics) (IF) (H);;
Includes the revenues (minus entry) for the goods and services furnished by the management headquarters (Logistics) (IF) element. Also includes the net annual operating gain or loss for these activities.

0702198N Management Headquarters - NARDAC Washington (IF);X-3-03;
Naval Regional Data Automation Center, Washington, D.C. personnel costs specifically identified and measurable to direct support of Headquarters information automation functions.

0702199N Revenues (Management Headquarters, NARDAC Wash.D.C.)(IF) (H);X-94-3;;
Includes revenues received for personnel in direct support of headquarters. Also includes the annual net gain or loss for this support.

07022070 (A,F,M,N) Depot Maintenance (Non-IF);;
Includes, for all Services, funds for reimbursement of the industrial fund for depot maintenance of aircraft and equipment, for financing commercial depot maintenance contracts, and for inter-Service depot maintenance, and manpower, equipment, facilities, and associated costs directly measurable to nonindustrially-funded, depot-level maintenance at the following facilities: Army-US Army Maintenance Plant, Mainz, Germany; Air Force-Combat Logistics Support Squadrons, Missile Storage Functions.

0702208A Depot Modification/Modernization;X-9-04;
Includes costs associated with reimbursement of Industrial Fund or contractor costs for application of modifications in depot.

Excludes costs of normal periodic maintenance.

0702228N Ship Maintenance Activities (Non-IF);;
Includes manpower authorizations, and the associated costs specifically identified and measurable to nonindustrially-funded ship maintenance at Navy ship repair facilities, including shipyard quality assurance program, cost of equipment procurement, and repair and construction of ship maintenance activities.

Excludes maintenance of equipment other than ships and associated equipment, and ships maintenance activities which are industrially-funded (see PE 0702028N).

0702237N Public Works Center (Non-IF);;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Public Works Center, Yokosuka, Japan, Public Works Centers engaged in minor construction and major repairs.

Excludes Public Works Centers which are industrially funded (see appropriate element in this program); and Public Works Center, Guantanamo,Cuba (see Base Operations element for Fleet Support in program 2).

0702698A Mgt Hq Svc Acquis Exec Chartered PEO ;X-0-09;
Includes manpower authorizations, peculiar and support equipment, necessary facilities, and the associated costs specifically identified and measurable to the following: The operation of Service Acquisition Executive Chartered Program Executive Officers' (PEO) offices for systems managed under DOD 5000 Life Cycle Management Directives. Includes the salary and expense costs for PEO and immediate staffs.

07028050 (A,D,F,M,N,S) Defense Standardization Program;X-95-1;
This program element provides for the achievement of standardization within the Deptartment of Defense required by Title 10, U.S. Code, Chapter 145, Defense Cataloging and Standardization, in accordance with the DoD Instruction 5000.2, Part 6, SECTION Q.

Includes manpower authorizations and funding for accomplishing standardization within Department of Defense and its Components (in accordance with defense and component policy). This PE includes resources for developing and providing standardization tools for preparing, maintaining and using standardization products; accomplishing standardization assessments; accomplishing standardization business process analysis and design; improving documentation methods and the utility of standardization documents; improving existing standardization documents; research and analysis to determine standardization needs; support participation and partnership with industry, national and international standardization activities; support the planning and programming of standardization initiatives and efforts; adoption and/or development of standard products (doctrine, materiels, processes, procedures, and criteria); performing market research; and the preparation, coordination, improvement and maintenance of standardization documents.

This PE excludes research and development funding that result in the research and development of a standardized weapon system or sub- system; and projects that result in standardization funded by Corporate Information Management PE 0901535.

07028060 (A,F) Acquisition and Management Support;X-9-04;
For Air Force ---

Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: resources to support the Commander, his staff, the

technical mission, and base support functions of the organizations listed below. Categories of cost include pay and related costs of civilian personnel, travel, transportation, rents, utilities, contractual services, Depot Maintenance Industrial Fund, supplies, and equipment. Provides resources for command-wide technical and administrative support. Provides resources for specific Armament Systems Project Officers and certain other smaller organizational units not listed below: Organizations and missions are:

Aeronautical Systems Division, Wright-Patterson AFB, Ohio: Plans, programs, develops, and acquires aeronautical systems and subsystems.

Electronic Systems Division, Hanscom AFB, Massachusetts: Plans command control and communications-electronics systems for aerospace forces.

Aerospace Medical Division, Brooks AFB, Texas: Plans and accomplishes biomedical support for aerospace systems.

Space Division, Los Angeles AFB, California: Plans, programs, and manages space and missile systems; performs launch, on-orbit tracking, data acquisition, and command and control of DOD satellites.

Armament Division, Eglin AFB, Florida: Manages the development, production and validation of non- ballistic missile programs.

Ballistic Missile Office, Norton AFB, California: Plans, programs, and manages the DOD ballistic missile programs.

Excludes all Defense Communications Systems (DCS) and non-DCS communications resources (PE 0702895F, SAMTEC and ACS Communications); and Headquarters, Air Force Systems Command resources in PEs 0702898F, 0605809F, 0901214F and 0901298F.

For Army ---

Includes manpower authorizations, peculiar and support equipment, necessary facilities and associated costs specifically identified to the operation of Army Acquisition Executive chartered Program Executive Officer functions (to include assigned Project Managers) and those project managers under charter to the Army Materiel Command. Includes these office salary and expense costs for the life cycle of the system.

Excludes development, procurement, and sustainment costs of the weapon systems themselves. Excludes PEO/PM costs for automated systems developed under the guidelines of the DOD 7920 series directives.

0702807D Infrared Focal Plane Array;X-7-04;

Funds an Infrared Focal Plane Array producibility effort for a wide variety of surveillance, target acquisition and combat weapon systems that will satisfy the requirements for both strategic and tactical applications. The program focuses on the design of in-process and final test equipment, the design of generic production lines and the optimization of manufacturing processes. Validation and verification of the manufacturing process will be accomplished as part of the program.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0702807E Infrared Focal Plane Array;X-8-03;

Funds an Infrared Focal Plane Array producibility effort for a wide variety of surveillance, target acquisition and combat weapon systems that will satisfy the requirements for both strategic and tactical applications. The program focuses on the design of in-process and final test equipment, the design of generic production lines and the optimization of manufacturing processes. Validation and verification of the manufacturing process will be accomplished as part of the program.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0702808A Acquisition Support to Program Executive Officers;X-0-05;
Includes manpower authorizations for reimbursable MACOM "matrix support to PEO/PM operations" for those PEO/PM chartered by the Army Acquisition Executive. Costs of these manpower are included in PEO funding profiles and attributed to the weapons systems (DODI 5000 series) of the Acquisitions and Management Support PE.

Excludes manpower associated with PEO/PM operating under the DODI 7920 series which are in PE 0308621A.

0702825M Maritime Prepositioning Forces;X-92-4;;
Includes manpower authorizations, support equipment, necessary facilities and support costs specifically identifiable and measurable to logistics and maintenance operations for equipment and supplies prepositioned on the thirteen Maritime Prepositioning Ships.

0702826M Norway Geo-Prepositioning;X-92-4;;
Includes manpower authorizations, support equipment, necessary facilities and support costs specifically identifiable and measurable to logistics and maintenance operations for equipment and supplies prepositioned in Central Norway for Marine Forces.

Excludes costs associated with Supply Operations (0701111M); Inventory Control Point Operations (0701112M); and Real Property Maintenance elements.

0702827N General Purpose Forces Electronic Support;;
Includes manpower authorizations, peculiar and support equipment, engineering, installation, maintenance, depot repair, overhaul, alteration, restoration, necessary facilities, and associated costs related to certain electronic support of General Purpose Forces afloat and ashore. Specifically includes costs related to Electronic Countermeasures/Electronic Counter -Countermeasures and Tactical Electromagnetic Programs, and Shipboard Surveillance Systems (REWSON).

Excludes procurement identified to other program elements; similar functions assigned to local activity level; installation of electronic equipment aboard ships (FMP); and maintenance of real property.

0702828N Surveillance Systems Electronic Support;;
Includes manpower authorizations, peculiar and support equipment,necessary facilities and the associated costs

specifically identified and measurable to support funded by Naval Electronics Systems Command for support of undersea surveillance systems (SOSUS, TASS, SURTASS) including:

Charter of surveillance support ships from Military Sealift Command (MSC), Ship improvement costs , Technical support and services, Logistic support and repair of systems and components, Installation and refurbishment of equipments, Management.

Excludes procurement identified to other program elements; similar functions assigned to local activity levels; FMP costs; and maintenance of real property.

07028290 (A,F,N) Logistics Administrative Support;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Central supply activities performed by System/Program/Project Product Managers of USA DARCOM; and dispersed activities performing logistics control and direction functions in support of central supply activities.

ARMY: Troop Support Agency, Automated Logistics Management Systems Agency, Logistics Systems Support Agency, Quality Assurance Field Office, Army Logistics Management Center, Military Personnel Manpower Management Detachment.

NAVY: Project Managers not otherwise assigned.

AIR FORCE: Air Logistics Commander and his special staff at each of the following Air Logistics Centers:

Ogden ALC, Hill AFB, California; Sacramento ALC, McClellan AFB, California; San Antonia ALC, Kelly AFB, Texas; Oklahoma ALC, Tinker AFB, Oklahoma; Warner Robbins ALC, Warner Robbins AFB, Georgia.

Excludes project manager costs identified with RDT&E, PAA, Programs 2, 8, and 10 and Supply and Maintenance Support Activities.

0702830N Aviation Maintenance Support;X-3-03;
Includes military and civilian manpower personnel costs for providing for the development of follow-on subsystems and life cycle support for Naval Aviation Logistics Command Management Information System (NALCOMIS). This support encompasses the CDA transfer of NALCOMIS from the Fleet Material Supply Office (FMSO) to the Navy Management Systems Support Office (NAVMASSO) and the conversion of existing ADP equipment to SNAP I equipment. Funds also allow for the implementation of a common Navy-Marine Corps flight recording system and the development of an interactive, on-line reporting system for non-mechanized ships that will facilitate management of aviation information.

0702831F Replacement Vehicles/Equipment;X-9-05;
Funds the Air Force vehicle replacement/fleet modernization program for 330 types of support vehicles such as fire/crash rescue trucks, snow removal vehicles, aircraft refueling vehicles, flightline vehicles and passenger vehicles. Fills shortages and replaces worn out equipment/vehicles.

The PE excludes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable.

0702832F Base Maintenance and Support Equipment;X-9-05;
Funds approximately 17,000 equipment items centrally managed and procured by AFLC. Supports all bases worldwide in peacetime and wartime operations. Program consists of test equipment, personal safety and rescue, depot plant and material handling, and electrical and base support.

Excludes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs. Includes costs associated with the purchase, sale, and warehousing of commissary goods and assocaited services within the Defense Business Operations Fund.

Also includes costs for War Reserve rotation rations.

Manpower authorizations are excluded. Includes manpower authorizations and necessary costs associated with the operation of commissary resale stores, central distribution centers, troop issue subsistence functions and staff management and support including supervision within the Defense Business Operations Fund.

Also includes the costs for the transportation of subsistence overseas, travel, maintenance contracts, and other essential administrative and support requirements.

0702840DBC Commissary Resale Stocks;X-92-1;;

0702841DBC Commissary Operations;X-92-1;;

07028560 (A,M,N) Environmental Compliance;X-94-6;;
Environmental Compliance includes actions to achieve and maintain full and sustained compliance with federal, state, and local environmental laws and regulations, Executive Orders, host nation regulations and DoD policies. Applies to workyears, training, travel, supplies, permits, fees, support equipment, service, and facilities (if the primary purpose is to comply with environmental standards) and the associated costs specifically identified and measurable to environmental compliance.

Funds all costs related to environmental compliance, including:

A. Recurring costs of environmental program management, daily operations and services, permits, fees, certifications, studies, and licenses; civilian workyears; education and training of environmental programs; hazardous waste management and disposal; sampling, analysis, monitoring and surveys; supplies, equipment, and travel.
B. Nonrecurring costs of projects/services required to bring DoD into compliance with environmental standards or comply with a notice of violation (Class I); to prevent DoD from failing to meet impending environmental standards (Class II); or to enhance the environment beyond legal requirements (Class III);

C. Pest management programs to meet FIFRA standards for pest management and pesticide storage, handling or use standards;
D. Overseas cleanup, as well as overseas compliance, efforts; and
E. Certification of innovative technology for DoD applications.

Excluding:

A. Efforts funded under Defense Environmental Restoration Account, Conservation, Pollution Prevention, BRAC or Occupational Health and Safety auspices;
B. Research and Development efforts associated with compliance, which are covered under specific R&D program elements;
C. Normal maintenance and repair to keep systems in working order, system replacement as part of normal replacement cycle; and normal installation operations (i.e. solid waste disposal including tipping fees, landfill operations, etc.); normal wastewater treatment plants, both domestic and industrial, which are appropriately included in base operations;
D. Upgrade/alteration of an industrial process undertaken for other than environmental purposes;
E. Environmental certification/licenses funded separately from mandatory requirements and training;
F. Routine pest control applications required to preserve structural integrity, properly charged to RPM and health applications, such as, mosquito control.

07028760 (A,F,M,N,S) Minor Construction (RPM) - Logistics;X-91-3;;
Includes manpower authorizations, peculiar and support equipment, necessary faclities and the associated cost specifically identified and measurable to the following:

All construction costing less than the statutory maximum amount for a Minor Military Construction project as established by section 2805 of title 10 U.S.C.

07028780 (A,F,M,N,S) Maintenance and Repair (RPM) - Logistics;X-91-3;;
Includes manpower authorizations, peculiar and support equipment, necessary faclities and the associated cost specifically identified and measurable to the following:

Maintenance and repair of real property, i.e., utilities, buildings, other facilities, pavements, (roads, parking areas, runways, etc.), land, and grounds. Includes, but not limited to, such things as repair of electrical circuitry, heating and air conditioning, water piping, and routine maintenance work such as caulking, painting, etc.

07028790 (A,F,M,N) Real Property Services (RPS) - Logistics;X-94-7;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs of

utility plant operations, purchased utilities, air conditioning and refrigeration, utility fuels, fire protection, crash rescue, snow removal and ice alleviation, entomological services, window glass replacement, elevator maintenance/inspection, custodial services, refuse collection and disposal, sewer and waste systems, rental of real property, facility engineering and public works management, other installation engineering services and other annual service requirements performed in-house or by contract.

0702881N Navy Exchanges;X-91-2;;
Includes manpower authorizations and the associated costs specifically identified and measurable to Navy Exchange activity.

0702882N Ship's Store Afloat/Retail Clothing Store;X-91-2;;
Includes manpower authorizations and the associated costs specifically identified and measurable to staff services expended in support of the sale of government procured articles of uniforms at Navy exchanges. Provides reimbursement to the Navy Resale and Services Support Office (NAVRESO) for support provided to the Ship's Stores Afloat Program. NAVRESO exercises technical control over this program and provides staff services in support of the operations of the program.

07028900 (A,F,M,N) Visual Information Activities-Logistics;X-6-06;
Funds Visual Information programs, consisting of the following subsets: Visual information (VI) productions and services and VI support.

Includes manpower authorizations and costs, travel, contractual services, procurement of supplies and materials, expense equipment, necessary facilities and the associated costs specifically identified, separable into "in-house" and "contract" portions, and measurable to the following logistics functions, as appropriate:

o VI Productions and Services. Produce or acquire VI productions (i.e., slide and slide-sound sets, film strips, multi-media, video disc, audio productions, combination media), and motion media with sound. Includes resources for scripting, preproduction, production, postproduction, libraries, duplication, distribution, production project management, and other related and associated services.

o VI Support. Provide VI operational (combat and technical) documentation, still and motion picture photography, video, audio, radio and television closed circuit and broadcasting (not Armed Forces Radio and Television Service (AFRTS)) services, graphic art, VI records centers, VI records holding facilities, presentation support, repair and maintenance, video teleconferencing terminals, related and associated services, and their supervision.

o Joint Visual Information Services (JVIS). Resources to operate and maintain JVIS production, depository, and distribution activities assigned by OASD(PA), as a joint mission for DoD.

Excludes VI management at command and component headquarters and OSD. Excludes technical documentation support not available from base VI services, integral to the mission of organizations supported, and identified in other program elements. VI equipment integral to technical documentation functions is also excluded. It does not include VI activities with discrete program elements such as: Armed Forces Radio and Television Service.

07028910 (A,F,M,N) Commissary Retail Sales;;

Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: Supervision, administration, warehousing, and store operations activities of the Commissary Retail Sales Stores. Also includes the staff management of the commissary system.

Excludes Troop issue functions.

0702892F Troop Issue Subsistence Support (H);X-95-2;

07028920 (A,M,N) Troop Issue Subsistence Support;X-79-005;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the management/operation (supervision, administration and warehousing) activities of commissary troop issue subsistence support.

For Army, this includes the operations of all Troop Issue Subsistence Activities (TISA).

Excludes all activities pertaining to the operation of the commissary retail stores.

07028940 (A,F,M,N,S) Real Property Maintenance - Logistics (H);X-93-2;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to real property maintenance of non-industrially funded Program 7 activities. Includes:

Maintenance and repair of all real property: utilities systems, buildings, other facilities, pavements (roads, parking areas, etc.), land (grounds).

Minor construction (with other than military construction funds).

Operation of utilities for all real property.

Other engineering support: Fire protection; custodial services; entomology services; refuse collection and disposal; snow removal and ice alleviation; rental of real property, excluding payments to GSA; other installation engineering services; USACE Army Pollution Abatement Program; USACE Nonreimbursable Support to Facilities Engineers including Master Planning.

Includes all resources in functional categories 9, 10, 11, and 12 as defined in DoD Instruction 7220.20. Also includes all resources (except manpower and military pay) used by groups/units assigned to specific BOS tasks on an ad hoc basis such as Army engineer/RED HORSE/Naval Construction Force units assigned to repair/construct facilities, roads, parking areas, etc., even if the work is classified as a military unit training project.

For Army this element includes the following:

Supervision and direction of activities engaged in design and construction of military programs.

Facilities investigation and studies including publication of new design and methods of construction and surveys

and analysis of engineering problems.

Develop and publish planning guidance, design drawings, bills of materials, construction management guides, and listings in automated files describing prefabricated and relocatable facilities, buildings, other structures and works required by land based military forces for base development, line of communications activities, tactical operations, and contingency situations.

Administration of real estate, including project planning, acquisition activities, compliance and utilization inspection, in-leasing, out-granting, and disposal. Also includes the activities of the Army Division Engineer Offices.

Excludes costs of maintaining family housing. See P.E. 08087460, Family Housing Maintenance.

07028950 (A,F,M,N) Base Communications - Logistics;X-6-05;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Army: Consists of procurement, construction, installation, site preparation, operation and maintenance at Army logistics activities, to include nontactical non-DCS base (post, camp, and station) communication facilities, and equipment systems which provide local communications worldwide to installations/activities.

Navy: Resources for telecommunications centers in support of Navy Logistics Commands and the Navy Publications and Forms Management Center, Philadelphia, Pennsylvania; and base telephones, industrial security networks, crash networks and paging networks providing support to the bases at which located.

Marine Corps: Consists of construction, operations and maintenance, and military personnel resources for telecommunications support at the Marine Corps Supply Center. Includes manual and automatic telephone exchanges and associated cable distribution plants, manual and automated telecommunications centers, fixed and mobile radio stations, teletypewriter facsimile and data terminals, and commercial communications consisting of locally leased circuits and equipment, Wide Area Telephone Service (WATS), toll and local telephone and message charges , and other communications services purchased from commercial communications common carriers.

Air Force: Consists of procurement, construction, and operations resources for Air Force Logistics Command base communications to include base telephone systems, nontactical radio systems, wire communication services, official telephone tolls, TWX usage and commercial refile charges, Class B tolls and charges, and any other base-level commercial communication requirements. AFLC command communications networks containing both DCS and non-DCS resources, AFLC Hq communication staff (nonAFCS), procurement operations communications personnel, inventory control point communications personnel, depot maintenance (non-IF) communications personnel, AFLC Computer Time Sharing Communications Network, and communications resources in the Advanced Logistic System (ALS) Computer System.

Excludes AFCS base communications personnel (PE 0303112F); resources for DCS switched network support (PEs 0303112F and 0303126F); and USAF APO postage.

07028960 (A,N,F,M,S) Base Operations - Logistics;X-95-1;
Administration: Installation Headquarters Administration and Command, Installation Comptroller Services, Installation ADP Services, Installation Information Activities, Installation Legal Activities, Installation

Civilian Personnel Administration, Installation Military Personnel Administration, Installation Printing and Reproduction, Installation Safety, Installation Management Analysis/Management Engineering.

Retail Supply Operations, Installation Supply Activities, Installation Procurement Operations, Installation Storage Activities.

Maintenance of Installation Equipment (includes maintenance of administrative aircraft, vehicles and equipment but excludes maintenance of tactical equipment, combat vehicles and mission aircraft).

Other Base Service: Installation Transportation Activities, Installation Training (excluding troop training and tactical exercises). Installation Physical Security and Police Activities, Laundry and Dry Cleaning (for troop support and other appropriated fund activities). Installation Airfield/Air Base Operations (control tower, weather, flight services, etc.), Installation Restoration.

Bachelor Housing Operations and furnishings (management, housing assignment, care of quarters, provisions, care, preservation and maintenance of furnishings, etc).

Other Personnel Support: Food Service, Social Action, Community Services, Chaplains, Bands, Morale, Welfare, and Recreation.

Excludes the following functional categories which are a part of the standard definition of Base Operating Support, but are reported under separate PE's:

Maintenance and Repair of Real Property, Real Property Services, Minor Construction, Base Communications, Commissary Operations, Retail and Troop Issue, Station Hospitals, Medical and Dental Clinics and Dispensaries, Family Housing.

07028980 (A,F,N,S) Management Headquarters (Logistics);X-0-03;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Army - DARCOM Headquarters: Personnel Support Agency, Field Safety Agency, Installation & Service Agency, Security Support Agency, DARCOM IG Inspection Activity, Service Support Agency, Surety Field Office; Headquarters of the subordinate materiel readiness commands of DARCOM, including: Troop Support and Aviation Materiel Readiness Command (TSARCOM), Armaments Materiel Readiness Command (ARRCOM), Communication & Electronics Materiel Readiness Command (CERCOM), Tank Automative Command (TACOM), Depot Systems Command (DESCOM); Headquarters, US Army Corps of Engineers. Includes O&M funds for reimbursement of HQ Army Missile Command (MICOM).

Navy: NAVMATCOM HQ (NMC); Naval Air Systems Command HQ (NAVAIRSYSCOM); Naval Electronic Systems Command HQ (NAVALEXSYSCOM); Naval Supply Systems Command HQ (NAVSUPSYSCOM); Naval Facilities Engineering Command HQ (NAVFAC Eng Com); Naval Sea Systems Command HQ (NAVSEA Sys Com).

Air Force: AFLC Headquarters.

Defense Logistics Agency: DLA Headquarters.

Excludes nonmanagement headquarters resources and USA Missile Command (see PE 0702098A). Also excludes Management Headquarters Departmental (Assistant Chief of Engineers - (see 0902398A).

0708004F Fasteners, Actuators, Connectors, Tools and Subsystems (FACTS) (H);X-95-2;
The Fasteners, Actuators, Connectors, Tools, & Subsystems (FACTS) Program is an AF Chief of Staff-directed initiative to correct deficiencies in non-serial numbered FACTS components being used across the entire AF infrastructure. Emphasis will be placed on high maintenance man-hour drivers as identified by the MAJCOMS to the FACTS Office. In this context, the FACTS Office will address matters such as: design & maintainability; misapplication of FACTS items; outdated technologies; supply problems; specifications & standards; and business practices in FACTS item procurements. This process will entail the use of RDT&E funds to research, develop, and test candidate technologies to correct problems where off-the-shelf technology cannot. O&M funds will be used to investigate, and develop procedural remedies where existing technological solutions exist, but are not being implemented due to regulatory restrictions or flawed business practices.

Final implementation of solutions will occur through the introduction of these new items in the Government's stock funds. Incorporation into fielded weapon systems will take place upon the occasion of Periodic Depot Maintenance, Class IVB modifications, fleet retrofits, and/or field maintenance actions as circumstances and urgency dictate. Military and civilian manpower will not be associated with this PE.

0708005A Disposal of Radioactive Waste or Unwanted Radioactive Material;X-9 1-3;;
Includes direct and reimbursable costs, manpower, and operation of facilities specifically identified and measurable to disposal of radioactive waste or unwanted radioactive material. Includes costs of handling, preparation, processing, packaging, transporting, escorting, storing, volume reduction, consolidation, burial site disposal, incident cleanup, decontamination, decommissioning, related personnel training costs, operating supplies, and equipment. Includes Army Executive Agent responsibilities for operation of the program in support of the Air Force, Defense Logistics Agency, and other services and agencies under interservice or intergovernment support agreements. Includes management functions such as, studies, environmental impact assessment investigations, and feasibility and cost analysis related to revising and improving procedures.

Excludes environmental restoration costs which are included in program element 07080080 and environmental compliance costs which are included in program element xxxx560 series.

0708006N Kaho'olawe Is Conveyance, Remediation, and Environmental Activities;X-94-3;;
Includes resources from appopriations, investments, and amounts paid into the fund from any source attributable to the cleanup, restoration, and subsequent conveyance of Kaho'olawe Island, Hawaii to the State of Hawaii.

07080070 (A,D) Chemical Agents and Munitions Destruction;X-9-01;
Includes resources, not otherwise provided for, necessary for the destruction of the U.S. stockpile of lethal chemical agents and munitions in accordance with the provisions of section 1412 of DoD Authorization Act, 1986, PL 99-145.

Excludes manpower and related costs.

07080080 (A,D,F,H,M,N,S) Defense Environmental Restoration Program;X-94-6;;

This program includes the identification, investigation and cleanup of contamination from hazardous substances and wastes; correction of other environmental damage at formerly owned or used sites only, such as unexploded ordnance detection and disposal; demolition and removal of unsafe buildings and structures; debris removal; and reduction in DoD's hazardous waste generation. The DERP is funded through the Defense Environmental Restoration Account. Funds from this account are transferred to the services and take on the same limitations as the appropriations into which they are transferred.

Includes manpower authorizations, support equipment, necessary facilities, technology demonstration and certification efforts, and the associated costs specifically identified and directly traced to the Defense Environmental Restoration Program.

Excludes Cleanup related to Base Realignment and Closure; building demolition required as part of a new construction project; demolition of unused buildings which are excess to requirements; and routine operations and maintenance properly chargeable to Base Operations.

Definition of Subactivities:

A. Installation Restoration Program (IRP): This subactivity is a comprehensive program to identify, investigate, and clean up contamination from hazardous substances and wastes on both active installations and formerly used DoD lands, and at sites where DoD contributed to contamination (Potentially Responsible Party). Includes funds incident to remedial action, both on and off installation, e.g., provision of permanent alternate potable water supplies to communities affected by groundwater contamination that resulted from DoD activity. Military Projects that involve construction of a real property facility that will remain on the installation after the response action is complete and the facility is to be used for a secondary purpose, (i.e. a building or other permanent structure) should be classified as Military Construction and programmed in the DERA. Installation restoration costs result directly from DoD actions required by the Comprehensive Environmental Response, Compensation, and Liability Act of 1980, (CERCLA), the Resource Conservation and Recovery Act (RCRA), and Executive Order 12580.

B. Building Demolition and Debris Removal Program (BDDR): This subactivity applies to both active installations and formerly used DoD lands. The purpose is to plan and execute a comprehensive program to demolish and remove unsafe and hazardous buildings and structures. Expenses incident to complete restoration, such as restoration of natural resources, are included, if such expenses are clearly and directly related to the demolition and debris removal.

C. Other Hazardous Waste Operations (OHW): This subactivity is intended primarily to accomplish two things: (1) to fund studies, demonstration and certification of technology (6.4 and beyond), and the purchase of equipment which will reduce hazardous waste operations; and (2) to fund expenses required under RCRA Section 3004 (U), such as that portion of hazardous waste facility permits. This subactivity also applies to other appropriate environmental control requirements.

0708009A First Destination Transportation (H);X-92-3;

Includes costs related to the delivery of production items from the manufacturers plant or source of procurement to the point of delivery where the Military Components of DoD agency takes possession or ownership of that item.

Such costs must be relatable to major end item procurements such as aircraft engines, ammunition shipments, etc.

Excludes costs incurred under Second Destination transportation category PE 07080100 and all manpower related costs.

07080090 (N,F,M) First Destination Transportation;X-78-016;

Includes costs related to the delivery of production items from the manufacturers plant or source of procurement to the point of delivery where the Military Components of DoD agency takes possession or ownership of that item.

Such costs must be relatable to major end item procurements such as aircraft engines, ammunition shipments, etc.

Excludes costs incurred under Second Destination transportation category PE 07080100 and all manpower related costs.

07080100 (A,F,M,N) Second Destination Transportation;X-4-02;
Includes costs for commercial land, sea, and air transportation, including contract service; movements by through bills of lading and the rental and lease of transportation equipment and service not available on a tariff basis from common carriers; funds for reimbursement of CONUS Port Terminals; MAC and MSC industrially-funded agencies for services performed in connection with Second Destination Transportation. Costs incurred under Second Destination Transportation should be relatable either to specific tonnages moved under that category, or to other approved workload items such as: (a) overocean movement of civilian employees/dependents on PCS; (b) air transportation for couriers and cargo guards; (c) operation of vessels furnished on a per diem basis; (d) special missions such as lining/delining vessels.

Excludes land, sea, and air transportation which is moving from the source of procurement to the point of delivery to a Military Service or DoD Agency, or provided by the industrially-funded activities included in Program 4; and all manpower and related costs.

07080110 (A,D,F,N,S) Industrial Preparedness;X-92-3;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Those resources required for all plans, actions, or measures necessary to establish and maintain an industrial base, both government-owned and privately-owned, that is required to support current, wartime, or other contingency military requirements. It includes industrial preparedness measures, such as modernization and preservation of the production facilities, and contributory activities and services for planning with industry, which are essential to the accomplishment of the complete industrial preparedness program, specifically identified and measurable to the following:

1. Acquisition of new plants or equipment (industrial facilities).

2. Replacement, rehabilitation, modernization, and other than normal maintenance of industrial facilities, including correction of environmental protection deficiencies.

3. Reactivation of idle industrial facilities.

4. Layaway, maintenance, and protection of idle industrial facilities and similar actions related to the retention of under-utilized capacity being retained for mobilization or other emergency use.

5. Operation of the Defense Industrial Plant Equipment Center and Military Service activities with primary responsibility for the management of Service-owned industrial plant equipment, and special tooling and special test equipment.

6. Production planning with the industrial production base, as prescribed by the DoD 4005 series of directives and instructions and related policy guidance.

7. Industrial Defense Program activities, specifically, physical security systems for production facilities.

8. Determination of mobilization requirements when performed as a separate identifiable activity for production planning purposes.

9. Activities with the primary purpose of developing or refining manufacturing technology, processes, techniques, and equipment, and completing advance production engineering measures.

10. Maintenance of production data packages.

11. Maintenance and operation of the Defense Priorities and Defense Materials System.

12. Other actions designed to facilitate the attainment of scheduled production goals, such as overall management, support, activity inspections, etc.

13. Acquire, maintain, or modernize special tooling and special test equipment and other production support equipment as required to support a viable industrial reserve capability.

14. Placement of educational orders, industrial readiness studies and measures, and prepositioned material and components, to support reserve production potential.

Excludes costs of activities other than industrial facilities which are directly identifiable to the support of end items which are themselves identified to unique specific program elements.

ARMY - Resources related to item four have been transferred to program elements pertaining to Procurement of Ammunition/Tracked Combat Vehicles. The remaining activities have been transferred to PE 0708045A.

07080120 (A,F,M,N,S) Logistics Support Activities;X-6-01;

Includes manpower authorizations, and the associated costs specifically identified and measurable to the following:

Centrally-managed logistic support services not directly related to another program element, e.g., centralized packaging offices, printing of forms and publications used in supply activities for inventory management and cataloging, system/program/project product managers engaged in logistic support activities and logistics inspection and safety activities.

Production engineering activities which do not fit in other program elements.

Preparation for and disposal of excess, surplus ammunition, explosives, and dangerous articles; operation of disposal activities; forestry management, maintenance of forest areas, and administrative expenses incident to the harvesting and disposal of timber.

For Defense Logistics Agency, includes:

DLA Administrative Suppport Center; Inspector General Field Offices; DLA Systems Automation Center (DASC) (excluding telecommunications); Defense Automatic Addressing System Office; Defense Property Disposal Service;

Defense Logistics Service Center (DLSC).

Excludes transportation of things; initial outfitting and post delivery of ships; maintenance support activities; DSAC telecommunications in PE 0708012S; locally-managed forestry activities in base operations or real property maintenance activities program elements, and Navy regional information automation in PE 0708020N.

0708013A Overseas Port Units (Non-IF) (H);X-92-4;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and associated costs of nonindustrially-funded Army overseas port units which are involved in all categories of direct transportation, plus force mobility, foreign military sales, and other categories of indirect transportation/distribution effort.

Excludes second destination transportation costs included in PE 0708010A.

Resources in this PE have been transferred to PE 0708028A. No funds will be executed in this PE after the end of FY 91.

0708014N Naval Ship Engineering Center;;
Includes manpower authorizations, peculiar and support equipment,necessary facilities and the associated costs specifically identified and measurable to the Naval Ship Engineering Center Headquarters, Washington, D.C., including support of Naval Ships System Command.

Field Divisions:

Philadelphia, PA, Norfolk, VA, Port Hueneme, CA, Mechanicsburg, PA, Great Lakes, IL, San Diego, CA.

0708015N Naval Inactive Ship Maintenance Facilities;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to Naval Inactive Ship Maintenance Facilities and associated Inactive Ships.

07080160 (F,N) Inactive Aircraft Storage and Disposal;;
Includes manpower authorizations, and the associated costs specifically identified and measurable to the security, maintenance, preservation, overhaul, and inactivation of inactive and reserve aircraft.

Navy: Navy Contingency Reserve Aircraft at MASDC.

Air Force: Military Aircraft Storage and Disposition Center (MASDC), Davis Monthan AFB, Arizona.

0708017A Maintenance Support Activities (H);X-92-4;;

0708017N Maintenance Support Activities ;X-92-4;;

Includes manpower authorizations, and the associated costs specifically identified and measurable to centralized programming and planning support for depot maintenance programs, maintenance technical and engineering services, and maintenance publications and engineering data. Specifically includes the following activities: Army: Army Maintenance Board, Army Logistics Data Center, Army Guidance and Metrology Laboratory, and Centrally funded or managed New Equipment Training (NET) for maintenance.

Army resources in the PE have been transferred to 0701121A. No funds will be executed in the Army PE after the end of FY 91.

Navy: Naval Aviation Engineering Service Unit and Naval Air Technical Services Facility.

Excludes maintenance staff functions at installation or major command (headquarters) level; maintenance of real property; and depot-level maintenance (both funding and operations).

07080180 (A,N) Real Estate and Construction Administration;X-0-03;
Includes manpower authorizations, peculiar and support equipment; necessary facilities and the associated costs specifically identified and measurable to the following:

Supervision and direction of activities engaged in design and construction of military programs.

Facilities investigation and studies including publication of new design and methods of construction and surveys and analysis of engineering problems.

Develop and publish planning guidance, design drawings, bills of materials, construction management guides, and listings in automated files describing prefabricated and relocatable facilities, buildings, other structures and works required by land based military forces for base development, line of communications activities, tactical operations, and contingency situations.

Administration of real estate, including project planning, acquisition activities, compliance and utilization inspection, in-leasing, out-granting, and disposal.

Includes Engineering Field Divisions of the Naval Facilities Engineering Command. Engineering, mapping, planning, and other construction and utilization services related to active installations, whether performed in-house or by contract, such studies as required to establish and define adequacy of existing facilities and project future facility requirements to satisfy the established or projected missions.

0708019F Utah Test and Training Range;X-80-005;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the operation of the consolidated Hill/Wendover/Dugway range complex by Air Force Systems Command. The Utah Test and Training Range (UTTR) provides range support for DOD and other agencies in manned and unmanned aerospace vehicle/weapon system development and operational testing; and training.

Includes: - Contractor support and operation of range facilities and instrumentation - Civilian and military payrolls - Improvement and modernization programs

Excludes: - Procurement of aircraft, armament, missiles.

0708020N Information Automation;X-80-005;

Includes manpower authorizations, support equipment, necessary facilities and associated costs specifically identified and measurable to automated information support to functions such as training, personnel management, component rework, ship's manintenance and the planning, programming and budgeting system. Specifically includes Navy Regional Data Automation Centers.

0708021S Logistics Support Activities - Communications;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Defense Logistics Agency telephone plant installation, operation and maintenance; lease of equipment, lines and service to include PBX, WATS lines, FTS service, intercom systems, radio systems, AUTOVON service; commercial toll charges; purchase of inside and outside telephone equipment and radios; personnel associated with these functions.

Digital communications installation, operation and maintenance; lease of AUTODIN terminal, teletypewriter, TWX and TELEX equipment, lines and service; message delivery service; personnel engaged in accomplishing these functions.

Personnel engaged intelecommunications digital systems design and development and maintenance of digital telecommunications software to include entry/exit.

0708022F Eastern Test Range ;X-78-010;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: Operation of launch, tracking, and data acquisition, processing, and evaluation facilities used for national test programs. The Eastern Test Range provides support for DoD, NASA, and other designated agencies in missile, satellite, space vehicle, aerospace vehicle, research and development, and test and evaluation programs. Includes contractor support and operation of launch and down-range stations; civilian and military payrolls; improvement and modernization programs; military construction; and operation and maintenance of range instrumentation ships.

Excludes procurement of boosters, payloads, and aircraft; and POL for CH-3E aircraft support.

0708023F Eastern Test Range Communication (H);X-80-004;
Includes DCS and non-DCS communications procurement and operations, and maintenance resources required for support and operation of the Eastern Test Range (ETR), PE 0708022F. Also includes various leased and government- owned cable wire radio, toll, and other network services and systems.

Excludes AUTOVON and AUTODIN switched network support (PEs 0303112F and 0303126F).

0708025S Public Affairs (H);;

0708026F Productivity, Reliability, Availability, Maintain. Prog Ofc (PRAMPO);;
Includes peculiar and support equipment, necessary facilities, and the associated costs specifically identified

and measurable to the following: Funds for investment in opportunity efforts which will lead to reduced operational and support costs of in-service and future systems. Projects will include those which will lead to improvements in the efficiency of maintenance and support organizations, improve the reliability, maintainability, and supportability of systems, and achieve broader applications of common equipment and simplicity in support concepts. Funds will be applied to projects dealing with all elements of a weapon system, e.g., hardware, support equipment, automatic test equipment, computer resources, technical data, maintenance skill levels, training, operational practices, maintenance procedures, depot repair process, etc., as they affect acquisition or support costs.

07080270 (A,F,N,M) Industrial Fund and Stock Fund Support (H);X-92-4;;
This program element reflects funding adjustments necessary to align appropriated funds requested in customer accounts and Industrial and Stock Fund activities pricing.

0708028A Other Transportation Related Activities;X-3-06;
Includes maintenance of Defense Freight Railway Interchange Fleet (DFRIF) cars which are required for moblization but which do not generate revenue, and Military Traffic Management functions and the operation of designated transportation services, installations and facilities other than ports, terminals and their subordinate installations.

Excludes civilian and military manpower which are included under Army Industrial Fund, Also excludes the maintenance of DFRIF cars which generate revenue, see PE 0403114A.

0708029F Engineering Installation Support -- AFMC;X-92-4;;
Includes funds to support AFMC and base-level for engineering installation support for installation, removal and relocations of communication computers systems, networks and equipment. Includes costs for travel, transportation, per diem, rents, supplies, contract services, major and minor equipment in support of AFMC upward generated Communications-Computer Systems Requirements Documents (CSRD) and downward directed programs (i.e. PMD).

Excludes manpower, military pay, and AFCC E&I requirements identified in PE 0305123F.

0708030N Collateral Equipment Funding;X-0-08;
Includes Operation and Maintenance, Navy funding for the procurement of collateral equipment that is required to initially outfit new military construction at naval shore activities.

0708031F Logistics (C3I) System (H);X-8-04;
Includes all resources (R&D, investment, operations and manpower) directly associated with ADP, Communications, and Command Operation of Logistics Command, Control, Communications and Intelligence (C3I) systems. Comprises the internal C2 system that interfaces with the World-Wide Command and Control System (WWMCCS) and other Operations C3I systems. This system will draw logisitics support information from existing/planned AFLC Logistics Force Structure Management Systems (LFSMS) and apply it to specific OPLAN or crisis situations, analyze logistics support capabilities/shortfalls and provide logisitics feasibility assessments through existing C3 systems back to

joint/operational CINCs; and provide resource visibility to allocate, divert, and resupply limited resources during the planning, execution, and sustainment phases of combat. Also includes those resources devoted to planning, designing, developing, procuring, leasing, programming, and operating ADP facilities that are a part of or are in direct support of logistics C3I.

Excludes operation and support of AFLC WWMCCS compatible system as defined in DOD Directive S5100.30 (see PE 07080120).

0708032F Western Test Range (H);X-95-2;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: Operation of launch, tracking, and data acquisition facilities used for national test programs. SAMTEC provides range support for DoD, NASA, and other designated agencies in missile, satellite, space vehicle, aerospace vehicle, research, development, training, and test and evaluation programs. Includes contractor support and operation of launch and down-range stations, civilian and military payrolls, improvement and modernization programs, and military construction.

Excludes procurement of boosters, payloads, and aircraft; and SAMTEC communications (PE 0708034F).

07080330 (A,F,M,N) Stock Fund Cash Requirements (Service-Managed);X-2-006;
Includes the procurement costs of Service-managed, Service-programmed, stock funded, inventory increases to support force modernization, weapon systems modifications and readiness initiatives and for which adequate cash levels are not or will not be available to meet expenditiures. These cash requirements will be aligned with the fiscal year in which the obligational authority is requested.

0708034F SAMTEC Communications (H);X-92-4;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: DCS and non-DCS communications procurement and operations and maintenance resources required for support and operation of the Eastern Test Range (ETR), PE 0708022F; and the Western Test Range (WTR), PE 0708032F. Includes various leased and government-owned cable wire radio, toll, and other network services and systems.

Excludes AUTOVON and AUTODIN switched network support (PEs 0303112F and 0303126F).

07080350 (M,S) Stock Fund Cash Requirements (DLA-Managed);X-9-02;

07080350 (A,F,N) Stock Fund Cash Requirements (DLA-Managed) (H);X-9-02;
Includes the procurement costs of DLA-managed stock funded inventory increases to support force modernization, weapon systems modifications and readiness initiatives and for which adequate cash levels are not or will not be available to meet expenditures for:

- DLA-managed, Service-programmed retail requirements.

- DLA-managed, DLA-programmed wholesale requirements. These cash requirements will be aligned with the fiscal year in which the obligational authority is requested.

0708036F Technology Concepts (H);X-92-4;;
This is a special access program. Access will be granted on a strict need-to-know basis only.

Excludes military and civilian manpower and their related costs.

0708037S National Defense Stockpile Transaction Fund;X-8-06;
Provides resources for the following activities:

Acquisition and Upgrade of Materials - This activity finances the acquisition and upgrade of strategic and critical stockpile materials, and all related expenses such as transportation, development of specifications, testing, quality studies, and relocations of materials.

Research Grants - This activity finances the construction of strategic materials research facilities, equipment, and studies.

Includes manpower and related costs.

0708040A Stock Fund Operations (SF) (H);X-92-4;;
Includes manpower authorizations specifically identifiable and measurable to Stock Funded activities.

0708041A Conventional Ammunition Management;X-0-05;
Includes manpower authorizations, peculiar and support equipment, necessary facilities, and associated costs specifically identifiable and measurable to: Army program management activities as the Single Manager for Conventional Ammunition, and other associated activities for Army unique conventional ammunition management.

0708042A Chemical Biological Managment;X-94-3;;
Includes civilian and military manpower, facilities, equipment and costs specifically identified and measurable to Army Single manager Responsibilities for Chemical Biological Matters, including integrated material management, second destination transportation, war reserve and wholesale stockage, information management and central software design and maintenance, funding of maintenance and supply depot services, and end item inventory control operations for chemical biological items.

Excludes depot operations performed by the Defense Business Operations Fund (DBOF) and chemical agent destruction/demilitarization activities (see PE 0708007).

0708044A End Item Demilitarization Activities (H);X-92-4;;

Includes manpower authorizations, peculiar and support equipment, necessary facilities, and associated costs specifically identifiable to end item demilitarization activities.

Resources in this PE have been transferred to PE 0708012A. No funds will be executed in this PE after the end of FY 91.

0708045A End Item Industrial Preparedness Activities;X-0-05;
Includes manpower authorizations, peculiar and support equipment, necessary facilities, and associated costs specifically identifiable to management of end items industrial preparedness activities.

0708050F Subsistence-In-Kind;X-0-06;
Funds provide for subsistence-in-kind (SIK) furnished to active duty personnel when they do not receive an allowance for subsistence. SIK funds also include (1) special or augmentation rations; (2) operational rations; and, (3) other subsistence support (e.g., box lunches and contract messes). There will be no manpower associated with this PE.

07080530 (A,F,M,N) Environmental Conservation;X-94-6;;
Conservation includes any action specifically required to protect or enhance natural and cultural resources, preserve access to improved and unimproved training areas, and make necessary repairs to minimize erosion and otherwise rehabilitate DoD lands and waters. This includes complying with federal, state and local codes such as the National Historic Preservation Act, Archaeological Resources Protection Act, Native American Graves Protection and Repatriation Act, Endangered Species Act, Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), and the Sikes Act.

Funds all costs associated with direct support of conservation activities, including:

A. Studies and surveys to identify, inventory, and manage existing natural and cultural resources and evaluation of the resources so identified and inventoried;
B. Management costs, including workyears devoted to natural and cultural activities and preparing natural and cultural resource management plans;
C. Permits for use of natural and cultural resources;
D. Certification of innovative technology for DoD applications;
E. Design, construction, maintenance or repair costs specifically required to restore, improve or maintain natural or cultural resources;
F. Supplies and equipment required to carry out applicable natural and cultural resources management activities;
G. Appropriated funds attributable to fish, wildlife, agricultural outleasing and timber management activities.

Excludes:

A. Base Closure costs associated with these programs;
B. Normal maintenance required for appearance, including landscaping;
C. NEPA costs associated with facilities or weapons systems which are included in facility or weapon system costs;
D. Activities funded in the Defense Business Operations Fund (DBOF), which are charged to the appropriate DBOF program elements.

07080540 (A,F,M,N) Pollution Prevention;X-94-6;;

Pollution prevention is any action that is designed to reduce or eliminate (rather than control or treat) the future impact that an operation may have on the environment (including impacts to the air, surface and ground waters, vegetation and soils) through the source reduction of pollutants, more efficient use of natural resources, recycling, and/or reduced emissions of toxic and other undesirable materials or wastes to the environment.

Funds all costs associated with pollution prevention, including:

A. Certification of innovative technology for DoD applications;
B. Any laws, Executive Orders, or DoD policies that apply specifically to pollution prevention efforts;
C. Initial acquisition of environmentally acceptable replacements for hazardous materials required to comply with pollution prevention standards; (excludes normal replacement of hazardous material with less hazardous materials);
D. Installation level pollution prevention plans, assessments, equipment, and projects;
E. Review and modification of standardized documents for the sole purpose of eliminating or reducing the use of toxic chemicals and/or hazardous materials;
F. Cost of personnel and office operations directly involved with pollution prevention programs (including recycling programs);
G. Any facilities construction costs or maintenance costs primarily required to meet pollution prevention goals;

Excluding:

A. Research and development efforts associated with pollution prevention, which are covered under specific R&D program elements;
B. Normal infrastructure maintenance and repair to keep a system in good working order or system replacement as part of normal replacement cycles;
C. Activities funded in the Defense Business Operations Fund (DBOF), which are charged to the appropriate DBOF program elements;
D. Activities funded as part of a larger system acquisition program, which should be separately identified through cost accounting codes under the main system acquisition program element. For example, pollution prevention efforts included in the design of a new weapon system would be under the PE of the weapon system;

E. Base closure costs associated with these programs;
F. Activities funded within Family Housing program elements.

0708056F Environmental Compliance;X-94-6;;
Environmental Compliance includes actions to achieve and maintain full and sustained compliance with federal, state, and local environmental laws and regulations, Executive Orders, host nation regulations and DoD policies. Applies to workyears, training, travel, supplies, permits, fees, support equipment, service, and facilities (if the primary purpose is to comply with environmental standards) and the associated costs specifically identified and measurable to environmental compliance.

Funds all costs related to environmental compliance, including:

A. Recurring costs of environmental program management, daily operations and services, permits, fees, certifications, studies, and licenses; civilian workyears; education and training of environmental programs; hazardous waste management and disposal; sampling, analysis, monitoring and surveys; supplies, equipment, and travel.
B. Nonrecurring costs of projects/services required to bring DoD into compliance with environmental standards or comply with a notice of violation (Class I); to prevent DoD from failing to meet impending environmental standards (Class II); or to enhance the environment beyond legal requirements (Class III);
C. Pest management programs to meet FIFRA standards for pest management and pesticide storage, handling or use standards;
D. Overseas cleanup, as well as overseas compliance, efforts; and
E. Certification of innovative technology for DoD applications.

Excluding:

A. Efforts funded under Defense Environmental Restoration Account, Conservation, Pollution Prevention, BRAC or Occupational Health and Safety auspices;
B. Research and Development efforts associated with compliance, which are covered under specific R&D program elements;
C. Normal maintenance and repair to keep systems in working order, system replacement as part of normal replacement cycle; and normal installation operations (i.e. solid waste disposal including tipping fees, landfill operations, etc.); normal wastewater treatment plants, both domestic and industrial, which are appropriately included in base operations;
D. Upgrade/alteration of an industrial process undertaken for other than environmental purposes;
E. Environmental certification/licenses funded separately from mandatory requirements and training;
F. Routine pest control applications required to preserve structural integrity, properly charged to RPM and health applications, such as, mosquito control.

0708060A Other Logistics Support Activities (IF);X-0-09;

Includes manpower authorizations and the associated costs specifically identified and measurable to other logistics support activities accomplished in industrially funded depots and facilities.

Excludes depot maintenance, base operations and real property maintenance.

0708061A Revenues (Other Logistics Spt Activities) (IF);X-0-09;
The revenues (minus entry) received for goods and services furnished by the Other Logistics Support IF elements. Also includes net operating gain or loss for these elements.

0708065F Stock Fund Operations;X-0-10;
Includes manpower authorizations, necessary facilities, and associated costs specifically and measurable to the following stock fund operations:

Pay and related costs of civilian personnel, travel, and transportation; military manpower, travel, and transportation; Stock fund requirements computations, cataloging, commodity management, and standardization; stock fund administrative, systems, communications, and data management; procurement and contract administration activities; requisition processing, inventory accounting and supply management; receipt, storage preservation, issue, and distribution and transportation. The program element also includes funds for reimbursement of stock fund associated costs for base operating support, services, and maintenance.

Civilian and military authorizations will be associated with this PE.

0708070F Logistics Operations (NON-DBOF);X-94-5;;
Includes manpower authorizations, necessary facilities, and associated costs specifically identified and measurable to the following Logistics Operations not associated with the SMBA:

Pay related costs of civilian personnel, travel, and transportation. Supply depot operations, inventory control, and materiel management related requirements computations, commodity management, standardization, cataloging, systems and data management, procurement and contract administration; requisition processing, inventory accounting, and supply management; receipt, storage preservation, issue, and distribution.

Excludes SMBA Operations (0708065F) and Logistics Administrative (0702890F)

Civilian and military authorizations will be associated with this PE.

0708080D Classified Programs;X-5-03;
Includes resources identified and measurable to special classified projects for which information on resources will be provided only on a "need-to-know" basis to authorized personnel identified on a special access list.

Excludes manpower and related costs.

0708094F Real Property Maintenance Activities (Eastern Test Range) (H);X-93-2;;

Includes peculiar and support equipment, necessary facilities and associated costs specifically identified and measurable to the following:

Civil Engineers, Civil Engineering Squadrons

Includes costs of acquisition, construction, maintenance and operation of real property facilities, and provisions of related management, engineering and other support work and services chargeable to the Air Force Eastern Test Range. Includes rental of real property; additions, expansion, conversion, extensions, alterations, repair and maintenance of real property facilities (or structures furnished in lieu of real property); provision of utilities, fire prevention and protection, refuse collection and disposal, custodial, entomology and snow removal services. Also, includes all resources in functional categories 9, 10, 11, and 12 as defined in DoD Instruction 7220.20.

Excludes: Family Housing - Defense (Program 8); construction of facilities financed by military construction program funds specifically identified to mission or base operations elements; and costs and manpower chargeable to the Patrick AFB Support Wing which are contained in PE 0702894F.

0708098A Management Headquarters - Traffic Management;X-8-03;
Includes military and civilian manpower and funding resources in support of policy development; long range planning, programming and budgeting; allocation of resources; evaluating program/performance; and the conduct of studies/analyses applicable to traffic management activities. Specific functions performed are in consonance with activities listed in inclosure to DOD Directive 5100.73.

07081100 (A,F,M,N,DA,DF,DM,DN) Service Support to DLA;;
Includes military personnel support to the DLA (military manpower and associated military personnel costs). Primary activity supported: Supply Operations.

0708111A Service Support to DLA Industrial Fund (H);X-92-4;;
Includes military personnel support to the DLA Industrial Fund.

0708112A Service Support to DLA Stock Fund Operations;X-91-1;
Includes military personnel support to DLA stock operations (military manpower and associated military personnel costs).

07081150 (A,F,M,N,DA,DF,DM,DN) Service Support to Defense Commissary Agency;X-91-1;
Includes military personnel support (manpower) for the Defense Commissary Agency.

07081160 (A,F,M,N) Service Support to Defense Support Activities (H);X-91-2;
Includes military personnel support (manpower and associated military personnel costs) for the following

activities:

Defense Manpower Data Center (FM&P);
Training and Performance Data Center (FM&P);
Defense Priority Placement Program (FM&P);
Defense Productivity Program Office (FM&P);
Total Quality Management Support Office (USD(A));
Defense Science Board (USD(A))
Management Support Center (P&L);
Defense Analysis and Studies Office (P&L);
Defense Environmental Support Office (P&L);
Defense Installation Support Office (P&L);
Defense Logistics Support Office (P&L);
Defense Procurement Support Office (P&L);
Defense Quality and Standardization Office (P&L);
Defense Systems and Programs Office (P&L);
Office of Industrial Base Assessmant (P&L).

07081980 (A,F,M,N,S,BC) Management Headquarters - Defense Business Fund Operations;X-91-1;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and associated costs specifically identified and measurable to the headquarters functions pertaining to the operations incuded within the Defense Business Operations Fund.

07082000 Defense Business Operations Fund (H);X-94-3;;

07082010 (DA,DF,DN,DS) Distribution Depots;X-92-1;;
Includes manpower authorizations and the associated direct and indirect costs specifically identified and measurable to the supply activities involving the receipt, storage, preservation and issue of material.

07082020 (DA,DF,DM,DN,DS) Supply Management;X-92-1;;

Includes manpower authorizations, peculiar and support equipment and the associated direct and indirect costs specifically identified and measurable to the following:

Provides for the operation of inventory control points and other activities performing supply management functions. Functions include inventory control, commodity management, requirements computation, standardization and cataloging, other inventory control and logistics support functions, logistics data management, requisition processing, inventory accounting and associated records, and supply operations support.

Also includes the procurement costs of inventory required to sustain increased wartime activity until resupply commences. Includes Service and DLA managed items of prepositioned war reserve stocks and other sustaining war reserve material.

0708204DN Logistics Support Activities (DBOF);X-93-2;;

0708210DN Depot Maintenance - Shipyards;X-92-1;;NB
Includes manpower authorizations, peculiar and support equipment, the associated direct and indirect costs specifically identified and measurable to Naval Shipyards.

Includes logistic support, construction, overhaul, repair, alteration, drydocking, outfitting, design, manufacturing, refit, restoration, and test work for assigned ships, service craft, and other services.

07082110 (DF,DN) Depot Maintenance - Aviation;X-92-1;;
Includes manpower authorizations, peculiar and support equipment, the associated direct and indirect costs specifically identified and measurable to Aviation maintenance activities.

Includes depot level maintenence and rework on airframes, engines, components, weapon systems, accessories, and equipment. Also includes the manufacturing of parts, design, and other services.

07082120 (DA,DN) Depot Maintenance - Ordnance;X-92-1;;
Includes manpower authorizations, peculiar and support equipment, the associated direct and indirect costs specifically identified and measurable to Ordnance activities.

Includes logistics management, production, engineering, configuration management, tools and equipment engineering, product assurance, transportation, and traffic management.

07082130 (DA,DM) Depot Maintenance - Other;X-92-1;;
Includes manpower authorizations, peculiar and support equipment, the associated direct and indirect costs specifically identified and measurable to other maintenance activities.

Includes functions required to repair and overhaul Army aircraft, Army and Marine Corps combat vehicles, communications electronics equipment, other major end items, repairable material, and to manufacture certain

items.

0708215DS Reutilization and Marketing Service ;X-92-1;;
Includes manpower authorizations, peculiar and support equipment and the associated direct and indirect costs specifically identified and measurable to reutilization, marketing and disposal of excess DoD material.

07082200 (DA,DS) Industrial Plant Equipment Service ;X-92-1;;
Includes manpower authorizations, peculiar and support equipment and the associated direct and indirect costs specifically identified and measurable to Defense Industrial Plant Equipment Service.

0708225DS Clothing Factory;X-92-1;;
Includes necessary costs and manpower authorizations associated with the manufacture of clothing and textile items requiring short notice, special measurement, or under conditions which make procurement from commercial resources infeasible.

07082300 (A,F,N,DS,DSA) Business Operations Corporate;X-93-2;;
Includes, manpower, operating and capital costs of JLSC, DMMSO and other associated with the Defense Business Operations Fund.

0708398A Management Headquarters - Chemical Biological;X-94-3;
Includes civilian and military manpower, facilities, equipment and costs specifically identified and measurable to headquarters functions of chemical biological integrated material management.

Primary activity supported: US Chemical Biological Defense Agency.

0708610A Information Management-Automation-Program 7;X-9-04;
Includes civilian and military manpower authorizations and related costs as applicable. Provides resources for staff supervision at major command (MACOM) and installation levels of information management activities; includes all costs associated with mission-related data processing, to include personnel, supplies, equipment, design costs, analysis, programming, and operations and maintenance expenses.

Excludes manpower and related costs of Automation Acquisition management and support (PEO/PM life cycle management costs), central software design, and operation of Life Cycle Software Support Centers (see specific PEs for these costs and definitions).

0708611F Support Systems Development;X-94-2;;
Provides acquisition funding for the research, development and procurement of improved requirements and

maintenance systems. This includes applying modern technology to improve initial systems support such as, developing an interactive equipment management system, more responsive unit level equipment maintenance, and more efficient fuels support operations and accounting.

0708615A Automated Acquisition Mgt & St: Project Mgrs-Program 7;X-9-04;
Includes manpower authorizations, peculiar and support equipment, necessary facilities, and the associated costs specifically identified and measurable to the following:

The operation of Army Acquisition Executive chartered Program Executive Officer/Project manager offices and other Army chartered Project Managers for automated information systems developed and fielded under the DoD 7920 Life Cycle Management Directives. Includes the salary and expense costs for the life cycle of the system.

Excludes the costs of development, fielding or operation of the hardware and software associated with these systems. Excludes Program Executive Officer/Project manager costs for systems developed under the guidelines of the DoD 5000 acquisition management series of directives.

0708616A Information Mgt-Central Software Design-Program 7;X-9-04;
Includes manpower authorizations, peculiar and support equipment, necessary facilities, and the associated costs specifically identified and measurable to the following:

The operation of an organization, or segments thereof, which is responsible for designing, coding, testing, documenting, and subsequently maintaining/modifying executive or application software for use Major Command or Armywide. Includes technical assistance, field assistance to users, quality assurance, and library operations when these functions are performed in support of a central software design activity. Also includes resources for contractor designed and developed software.

Excludes costs attributable to software design for systems being fielded under the DOD 5000 series of acquisition directives.

0708619A Non-system Specific Life Cycle Software Support Centers-Program 7 (H);X-92-4;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities, and the associated costs specifically identified and measurable to the following:

All Life Cycle Software Support Center's costs related to general management, clerical, contract management, configuration management in-house systems operations/maintenance, personnel/administration, fiscal management, general software programs and planning management, productivity technology, generic system and environment support, facilities management and supplies. The acquisition and operation of computer/software/services supporting generic efforts are included in the nonsystem specific support.

Excludes costs for systems developed under the life cycle software guidelines of the DOD 7920 directives.

0708621A Acquis Spt to Prog Exec Officers (Info Mgt)-Program 7 (H);X-92-4;;
Includes manpower authorizations for reimbursable MACOM "matrix support to PEO/PM operations" for those Management

Information System PEO/PM chartered by the Army Acquisition Executive. Costs of these manpower are included in PEO funding profiles and attributed to the management information systems itself of the acquisition and management support PE.

Excludes manpower associated with the PEO/PM operating under DODI 5000 series which are in PE 0702808A).

0708698S Defense Support Activities (H);X-91-2;
DoD Support Activities (DSA) are OSD and DOD-Wide activities administered by the Defense Logistics Agency. Includes manpower authorizations, peculiar and support equipment, necessary facilities and associated costs specifically identified and measurable to the following:

Defense Manpower Data Center (FM&P);
Training and Performance Data Center (FM&P);
Defense Priority Placement Program (FM&P);
Defense Productivity Program Office (FM&P);
Total Quality Management Support Office (USD(A));
Defense Science Board (USD(A))
Management Support Center (P&L);
Defense Analysis and Studies Office (P&L);
Defense Environmental Support Office (P&L);
Defense Installation Support Office (P&L);
Defense Logistics Support Office (P&L);
Defense Procurement Support Office (P&L);
Defense Quality and Standardization Office (P&L);
Defense Systems and Programs Office (P&L);
Office of Industrial Base Assessmant (P&L).

07087190 (A,F,M,N) Child Development;X-93-3;
Includes manpower authorization, facilities, supplies and support equipment and associated costs specifically identified and measurable to the intellectual, social, emotional and physical development of children. The primary sources are child development centers and family child care/family day care home which are government quarters, owned or leased.

07087200 (A,F,M,N) Family Centers;X-93-3;

Includes manpower authorization, facilities, supplies and support equipment and associated costs specifically identified and measurable to the Services and includes:

Spouse employment, relocation assistance, crisis referral and aid for families, financial management planning, information concerning family support resources, and services for families with special needs.

08017100 (A,F,M,N) Recruiting and Examining (H);;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Examining and Entrance Stations; Recruiting Stations; Recruiting Main Stations; Recruiting Publicity; Recruiting Activities; Recruiting Headquarters; Recruiting Districts.

Excludes costs of acquiring and maintaining field recruiting facilities which are borne by the Director of Real Estate Chief of Engineers, U.S. Army; and all Defense Communication System (DCS) and non-DCS communications resources.

08017110 (A,F,M,N) Recruiting Activities;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: Resources associated with programs and activities designed to attract personnel into military service. These programs and activities consist of field activities and administrative activities.

Field Activities:

Resources directly associated with production recruiters and the operation of field recruiting activities, including travel and incidental costs associated with recruiting efforts conducted by recruiting command/service personnel. Includes costs of administering and execution of testing in the high school testing program. Includes career counselors assigned to AFEES. Also includes resources for applicants' travel, meals, and lodging en route to AFEES and while at AFEES. Organizations included are:

Recruiting Areas (Army); Recruiting Stations (Army); Recruiting Substations (Navy and Marine Corps); Recruiting Sectors (Air Force); Recruiting Branch Stations (Navy); Recruiting Offices (Air Force); Armed Forces Vocational Testing Group.

Administrative Activities:

Resources devoted to the administration of Service recruiting programs. Organizations included are:

Headquarter, U.S. Army Recruiting Command; Headquarters, Naval Recruiting Command; Headquarters, Air Force Recruiting Service; Recruiting Districts (Navy, Marine Corps); Recruiting Areas (Navy); Recruiting Groups (Air Force); Recruiting Stations (Marine Corps); Recruiting Detachments (Air Force); Recruiting Regions (Army); District Recruiting Commands (Army).

Excludes departmental headquarters (see appropriate program elements in Program 9); AFEES operations (see "Examining Activities" in this program). Resources associated with major command/unit canvasser participants in the Unit of Choice/Skill of Choice and similar programs. These resources are in the mission elements throughout the program. Recruiting activities devoted to attracting personnel into the Reserve Components, if performed by a separate organizational structure (see appropriate elements in Program 5). Recruiting Advertising (see appropriate element in this program).

08017120 (A,F,M,N) Advertising Activities;;

Includes costs specifically identified and measurable to the following: Resources devoted to the design and implementation of advertising campaigns, for both paid and nonpaid media, and the purchase of advertising time/space in any media, with the express purpose of stimulating interest in entering military service. Includes resources for all advertising programs designed to support the procurement and/or retention of military personnel regardless of procurement sources, i.e., prior/nonprior service enlisted accessions, and officer accessions (Academy, ROTC, OTS, Health Professions, etc.). Also includes resources associated with the DoD Institutional Advertising Program, and resources associated with marketing research programs.

Excludes manpower and administrative costs (see appropriate elements in this program); and advertising expenditures for programs budgeted from Reserve Components appropriations (see Program 5).

08017130 (A,D,F,M,N) Examining Activities;X-92-3;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: Resources devoted to administering physical examinations and performing evaluations of medical suitability, administering mental and vocational aptitude examinations and performing evaluations of mental suitability, and performing evaluation of administrative and moral suitability for military service of potential active duty enlistees and/or inductees, potential nonprior service enlistees in the reserve components, and applicants for officer acquisition training programs, which take place at, or are performed under the direction of the commanders of Armed Forces Examination and Entrance Stations (AFEES). Also includes resources at the AFEES devoted to the processing of personnel entering active duty; resources associated with the direct administration of AFEES operations; resources devoted to operating the Armed Forces Central Test Scoring Agency, Mobile Examining Teams operating under AFEES direction; and the Defense Medical Review Board.

Excludes Service recruiting headquarters, career counselors assigned to AFEES, and mental/vocational testing performed by recruiting personnel (see "Recruiting Activities" - PE 08017110); mental/vocational testing performed at reception centers (see "Personnel Processing Activities" - PE 08017140); mental/vocational testing performed by recruit training centers (see "Recruit Training Units" - PE 08047110); and Defense Health Care Activities (see PE 08077110).

08017140 (A,F,M,N) Personnel Processing Activities;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: Separately identifiable units located at recruit training bases which perform administrative processing and vocational aptitude testing of personnel entering recruit training. Includes only U.S. Army Reception Centers, USAF Personnel Processing Groups/Squadrons, plus comparable units in the Navy and Marine Corps.

Excludes active duty military personnel undergoing initial entry processing. These are counted as trainees and included in the Recruit Training program element in this program.

0801715A Recruiting and Examining Data Processing Activities;X-0-06;
Includes manpower authorizations and costs, peculiar and support equip- ment, necessary facilities and the associated costs specifically identi- fied and measurable to the following: analysis, design, programming, operations, and maintenance of systems to provide automation support to recruiting and examining activities. Excludes non-automation recruiting and examining activity resources more appropriately in other discrete program elements.

08017200 (A,F,M,N,HP) Examining Activities - Health Care;X-94-4;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: Resources devoted to administering physical examinations and performing evaluations of medical suitability. Also includes resources at the Armed Forces Examination and Entrance Stations (AFEES) devoted to the Defense Medical Review Board.

Excludes Service recruiting headquarters, career counselors assigned to AFEES, and mental/vocational testing performed by recruiting personnel (see "Recruiting Activities" - PE 08017110); mental/vocational testing performed at reception centers (see "Personnel Processing Activities" - PE 08017140); mental/vocational testing performed by recruit training centers (see "Recruit Training Units" - PE 08047110; and "Defense Medical Centers, Station Hospitals, and Medical Clinics."

0801798A Management Headquarters (USAREC);X-1-006;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: HQS USA Recruiting Command .

Excludes nonmanagement headquarters resources (refer DoDD 5100.73).

0801896A Base Operations - (Military Entrance Processing Station Leases);X-95-1;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following functional categories of effort:

Administration: Installation Headquarters Administration and Command (including squadron level responsible for Base Operations), Installation Comptroller Services, Installation ADP Services, Installation Information Activities, Installation Legal Activities, Civilian Personnel Administration, Installation Military Personnel, Administration Installation Printing and Reproduction, Installation Safety, Installation Management Analysis/Management Engineering.

Retail Supply Operations: Installation Supply Activities, Installation Procurement Operation, Installation Storage Activ ities.

Maintenance of Installation Equipment: (Includes maintenance of administrative aircraft, vehicles and equipment; but excludes maintenance of tactical equipment, combat vehicle and mission aircraft).

Other Base Services: Installation Transportation Activities, Installation Training (excludes Troop training and tactical exercise). Installation Physical and Police Activities, Laundry and Dry Cleaning (for troop support and other appropriated fund activities). Installation AirField/Air Base Operations (control tower, weather, flight service, etc.) Installation Restoration.

Bachelor Housing Operations and Furnishing: (management; housing assignment, care of quarters, provisions, care preservation and maintenance of furnishings, etc.)

Other Personnel Support: Food Service; Social Action; Community Service; Chaplain Services; Bands; Morale, Welfare and Recreation.

Excluded are the following functional categories which are a part of the standard definition of Base Operating Support, but are reported under separate PEs: Real Property Services, Minor Construction, Maintenance and Repair, Base Communications, Commissary Operations (Retail and Troop Issue), Station Hospitals, Medical and Dental Clinics and Dispensaries, Family Housing.

0801996A Base Operations - (Recruiting Station Leases);X-95-1;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following functional categories of effort:

Administration: Installation Headquarters Administration and Command (including squadron level responsible for Base Operations), Installation Comptroller Services, Installation ADP Services, Installation Information Activities, Installation Legal Activities, Civilian Personnel Administration, Installation Military Personnel, Administration Installation Printing and Reproduction, Installation Safety, Installation Management Analysis/Management Engineering.

Retail Supply Operations: Installation Supply Activities, Installation Procurement Operation, Installation Storage Activ ities.

Maintenance of Installation Equipment: (Includes maintenance of administrative aircraft, vehicles and equipment; but excludes maintenance of tactical equipment, combat vehicle and mission aircraft).

Other Base Services: Installation Transportation Activities, Installation Training (excludes Troop training and tactical exercise). Installation Physical and Police Activities, Laundry and Dry Cleaning (for troop support and other appropriated fund activities). Installation AirField/Air Base Operations (control tower, weather, flight service, etc.) Installation Restoration.

Bachelor Housing Operations and Furnishing: (management; housing assignment, care of quarters, provisions, care preservation and maintenance of furnishings, etc.)

Other Personnel Support: Food Service; Social Action; Community Service; Chaplain Services; Bands; Morale, Welfare and Recreation.

Excluded are the following functional categories which are a part of the standard definition of Base Operating Support, but are reported under separate PEs: Real Property Services, Minor Construction, Maintenance and Repair, Base Communications, Commissary Operations (Retail and Troop Issue), Station Hospitals, Medical and Dental Clinics and Dispensaries, Family Housing.

08047110 (A,F,M,N) Recruit Training Units;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: Conduct of recruit training (basic combat training "boot camp," basic military training), the basic introductory and indoctrination training provided to enlisted entrants, in units devoted to such training at:

Army Training Centers; Recruit Training Commands; Marine Corps Recruit Depots; Air Force Military Training Center; Other DoD facilities. NOTE: Trainees will be identified with appropriate manpower RICs.

Excludes initial skill training (Enlisted) such as Army Advanced Individual Training or Navy Apprenticeship Training (see PE 08047310); Integrated Recruit and Skill Training (see PE 08047610); Recruiting, examining and initial entry processing (see "Personnel Procurement" elements in this program); pay and allowances and manpower authorization for reserve component personnel undergoing training (see Program 5); and base operations/communications.

08047210 (A,F,N) Service Academies;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

United States Naval Academy; United States Military Academy; United States Air Force Academy; and preparatory schools for above, (including students and cadets), faculties and school staffs, and Service academy costs for flight indoctrination and other flight instruction, including airborne navigation instruction; and units devoted predominantly to support of the above activities. NOTE: Students and cadets will be identified by appropriate manpower Rics. Training aircraft will be shown by type and model using force RICs.

Excludes flight familiarization program costs included in PE 08047430 - "Other Flight Training"; Real Property Maintenance (Air Force) - see PE 0805794F; base communications - see PE 08057950, "Base Communications - Training" see PE 08057950; Base Operations - Service Academies (see PE 08058960); and Academy hospital facilities (see PE 08077110, "Care in Defense Facilities).

08047220 (A,F,M,N) Officer Candidate/Training Schools (OCS/OTS);;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the conduct of training of enlisted personnel leading to a commission at Officer Candidate Schools (OCS), and Officer Training Schools (OTS).

NOTE: Students will be identified by appropriate manpower RICs.

Excludes Nursing Officer Candidate School (see PE 08067230, "Other Health Acquisition Programs"); Reserve Officer Candidate programs, such as Navy's ROC program and Marine Corps PLC program (see PE 08047240); pay and allowances and manpower authorization for reserve component personnel undergoing training (see Program 5); and base operations/ communications.

08047230 (A,F,N) Reserve Officers Training Corps (ROTC);;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: Training and instruction of individuals in essential military subjects at civilian educational institutions, and at field training sites, to provide a source of officers for the Military Departments. Includes costs of ROTC flight faMiliarization programs.

NOTE: Government-furnished training aircraft will be shown by type and model using force RICs..

Excludes Junior ROTC (see PE 08097210).

08047240 (F,M,N) Other College Commissioning Programs;;

Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the conduct of training; tuition as appropriate; and pay and allowances for participants in college commissioning programs, such as:

Marine Corps Platoon Leaders Course (PLC) Program, Navy Reserve Officer Candidate (ROC) Program, Navy Aviation Reserve Officer Candidate (AVROC) Program, Other enlisted commissioning programs, e.g.: Naval Enlisted Scientific Education Program (NESEP), Marine Enlisted Commissioning Education Program (MECEP), Airman Education and Commissioning Program (AECP), Navy Enlisted Commissioning Program (ECP).

NOTE: Students on active duty will be identified by appropriate manpower RICs.

Excludes Service Academies (PE 08047210), and ROTC (PE 08047230).

0804725N Department of Naval Science Maritime Training;X-3-01;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the course of instruction in naval science at the US Merchant Marine Academy, state maritime academies/schools, and other Maritime Schools in compliance with the Merchant Marine Act of 1936 as amended, which states in part that deck and engineering officers, on vessels receiving an operating differential subsidy and on those operated by the Maritime Administration, shall, if eligible, be members of the Naval Reserve.

Excludes Naval Reserve Officer Training Corps (NROTC). See Program Element 0804723N.

08047310 (A,D,F,M,N) General Skill Training;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the conduct of specialized skill training in both DoD and civilian institutions, including initial skill, skill progression, and functional training to provide tactical, technical, administrative, and management skills. Specifically includes, but is not limited to:

Officer basic courses; Advanced individual training at Army Training Centers; Training in aircraft maintenance and airfield operations; formal NCO and drill sergeant schools (except senior enlisted training in 08047510); Survival training; Navy apprenticeship training (unless in an integrated course with recruit training, in PE 08047610); and TDY funding specifically identified to this training.

NOTE: Active duty military trainees and students in PCS status will be identified with appropriate RICs. Dedicated training aircraft will be shown by type and model using force RICs.

OSD: Resources to be reported by OSD in this program element are restricted to Military Construction, Defense Agencies only.

Excludes initial weapons systems training procured in conjunction with "total package procurement" contracts (see appropriate PEs in other programs); Professional Development Education (see appropriate PEs in this program); Flight Training (see appropriate PEs in this program); Health care, Intelligence, and Crypto/SIGINT-Related Skill Training (see appropriate elements in this program); Army School Troops (see PE 0804771A); training support to units (see PE 08097310); base operations/communications; and pay and allowances and manpower authorizations of reserve component personnel (see Program 5).

08047330 (A,F,M,N) General Intelligence Skill Training;;

Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the conduct of specialized skill training for support of general intelligence skills in both DoD and civilian institutions, for officers, enlisted personnel, and civilians, to provide knowledge relative to the general intelligence career fields. This training normally involves instruction in principles and techniques needed to effectively perform noncryptologic intelligence jobs. Includes instructors and instructional support for all general intelligence training conducted by the Defense component. Nonpersonnel costs of training conducted at civilian academic institutions, industrial facilities, and the facilities of non-DoD governmental agencies, will be funded by the Service which is executive agent for the school or course. Includes TDY funding specifically identified to this training. NOTE: Military personnel undergoing training in PCS status will be identified by appropriate Student/Trainee RICs.

Excludes Defense Intelligence School (see PE 0301026L); Army "School Troops" (see PE 0804771A, "Support of the Training Establishment"); pay and allowances and manpower authorization for reserve component personnel undergoing training (see Program 5); and base operations/communications.

08047340 (A,F,M,N) Cryptologic/SIGINT-Related Skill Training;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: Conduct of specialized skill training for support of cryptologic/SIGINT-related career fields, in both DoD and civilian institutions, for officers, enlisted personnel, and civilians, to provide knowledge relative to the cryptologic/SIGINT-related principles and techniques needed to effectively perform cryptologic and related electronic jobs. Includes instructors and instructional support for all cryptologic/SIGINT-related training conducted by DoD component. Nonpersonnel costs of training conducted at civilian academic institutions, industrial facilities, and the facilities of non-DoD governmental agencies will be charged to the Service who is executive agent for the school or course. Includes TDY funding specifically identified to this training.

NOTE: Active duty personnel undergoing training in PCS status will be identified by the appropriate Student/Trainee RICs.

Excludes procurement and installation of cryptologic-unique equipment (see PE 03010110); Navy Cryptographic Repair School (see PE 0804731N); Army School Troops (see PE 0804771A), reserve components personnel undergoing training (see appropriate elements in Program 5); base operations/communications; National Cryptologic School (see Program 3); Air Force: training in following Air Force speciality codes:

Officer: 157X/227X - Electronic Warfare Officer and 174X - Weapons Controller; and Enlisted: 276X1 - Aerospace Control and Warning Operator-ECCM Technician and, 328X3 - Electronic Warfare Systems Specialist (with exception of 0302873F).

0804735F Undergraduate Space Training;X-8-04;
Includes manpower authorizations, facilities, and associated costs specifically identified with Undergraduate Space Training.

Provides resources for Undergraduate Space Training (UST). UST provides broad based space operations knowledge and serves as the foundation for Space Operations career development. Graduates of UST are assigned on AFSC of 20XX and proceed to AFSPACECOM for Phase II training.

0804739L National Security Education Trust Fund;X-93-1;;

Established in accordance with Title VIII of Public Law 102-183 to support a program for education in foreign languages, area studies and other international disciplines.

Includes manpower costs, support equipment, necessary facilities, and the associated direct and indirect costs to administer the fund.

0804740F New AETC Aircraft Systems;X-94-5;;
Includes aeronautical vehicle and weapon system initial spares. Air Education and Training Command will implement Special Undergraduate Pilot Training with the introduction of the T-1A Jayhawk into the advanced track of pilot training. The current T-37 will be replaced with the JPATS aircraft. The current T-41 will be replaced with the EFS aircraft.

0804741N Undergraduate Pilot Training (UPT) (H);X-4-08;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the conduct of flight and related ground training in a program culminating in the award of pilot designation or rating. Consists of undergraduate helicopter, propeller and jet pilot training. Also includes training of instructor pilots for undergraduate pilot training, and load-in flight familiarization training not conducted incidental to an officer acquisition program, unless separate from the UPT syllabus, e.g., at Hondo. Includes supporting activities, such as operation, maintenance, and manning of aircraft, training aircraft carriers, airfields, and training simulators; aircraft and simulator procurement; and supporting contracts.

NOTE: Training aircraft will be shown by type and model using force RICs. Students in PCS status will be identified by appropriate manpower RICs.

Excludes aircraft maintenance training and airfield operations training (see PE 08047310); survival training not integral to UPT syllabus (see PE 08047310, General Skill Training); flight training, other than instructor pilot training in support of UPT, conducted subsequent to award of pilot designation or rating (see PE 08047430 or Force Support Training elements); flight familiarization training costs included in Officer Acquisition training programs (see appropriate program elements in this program); base operations/communications; and pay and allowances and manpower authorizations for reserve component personnel undergoing training (see Program 5).

08047410 (A,F) Undergraduate Pilot Training (UPT);X-4-08;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the conduct of flight and related ground training in a program culminating in the award of pilot designation or rating. Consists of undergraduate helicopter, propeller and jet pilot training. Also includes training of instructor pilots for undergraduate pilot training, and load-in flight familiarization training not conducted incidental to an officer acquisition program, unless separate from the UPT syllabus, e.g., at Hondo. Includes supporting activities, such as operation, maintenance, and manning of aircraft, training aircraft carriers, airfields, and training simulators; aircraft and simulator procurement; and supporting contracts.

NOTE: Training aircraft will be shown by type and model using force RICs. Students in PCS status will be identified by appropriate manpower RICs.

Excludes aircraft maintenance training and airfield operations training (see PE 08047310); survival training not integral to UPT syllabus (see PE 08047310, General Skill Training); flight training, other than instructor pilot training in support of UPT, conducted subsequent to award of pilot designation or rating (see PE 08047430 or Force Support Training elements); flight familiarization training costs included in Officer Acquisition training programs (see appropriate program elements in this program); base operations/communications; and pay and allowances and manpower authorizations for reserve component personnel undergoing training (see Program 5).

08047420 (A,F,M,N) Undergraduate Navigator/NFO Training (UNT);;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the conduct of flight and related ground training in a program culminating in the award of a navigator rating (Air Force) or Naval Flight Officer (NFO) designation in Navy/Marine Corps. Also includes training of instructor pilots, navigators, and NFOs in support of UNT. Includes supporting activities such as operation, maintenance, and manning of aircraft, airfields, and training simulators; aircraft and simulator procurement; and supporting contracts.

NOTE: Training aircraft will be shown by type and model using force RICs. Students in PCS status will be identified by appropriate manpower RICs.

Excludes aircraft maintenance training and airfield operations training (see PE 08047310); flight training, other than instructor training in support of UNT, conducted subsequent to award of navigator/NFO designation or rating (see PE 08047430 or Force Support Training elements); survival training not integral to UNT syllabus (see PE 08047310, General Skill Training); base operations/communications; and pay and allowances and manpower authorizations for reserve component personnel undergoing training (see Program 5).

08047430 (A,F,N) Other Flight Training;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: Lead-in flight familiarization training, not conducted incidental to an officer acquisition program, when conducted separate from UPT syllabus, e.g., at Hondo and advanced flight training, i.e., subsequent to UPT and UNT, conducted at a flight training center, e.g., Fort Rucker. Includes supporting activities, such as operation, maintenance, and manning of aircraft, training aircraft carriers, airfields and training simulators; aircraft and simulator procurement; and supporting contracts. Also includes flying training for flight surgeons.

NOTE: Training aircraft will be shown by type and model using force RICs. Students in PCS status will be identified by appropriate manpower RICs.

Excludes aircraft maintenance training and airfield operations training (see PE 08047310); survival training not integral to UFT syllabus (see PE 08047310); undergraduate pilot and navigator training (see PEs 08047410 and 08047420); individual and crew/unit proficiency, advanced, and transitional flight training conducted in other programs (included in force- related training and mission PEs); pay and allowances and manpower authorizations for reserve component personnel undergoing training (see Program 5); and base operations/communications.

0804744F EURO-NATO Joint Jet Pilot Training;X-1-010;
Includes military and civilian manpower authorizations, aircraft, peculiar and common support equipment, necessary facilities, and the associated reimbursable and nonreimbursable costs specifically identified to the conduct of a

EURO-NATO jointly operated flight and ground training program culminating in the award of a pilot rating. Consists of undergraduate jet pilot training of associated instructor pilots. Includes support activities such as base operting support, operation and maintenance of aircraft, airfields, and aircrew training devices.

Excludes survival training not integral to the ENJJPT syllabus; flight training, other than instructor pilot training in support of ENJJPT, subsequent to award of pilot rating; military and civilian manpower in management headquarters above wing level; and USAF and other foreign undergraduate pilot training students not specifically trained in the ENJJPT program. Also excludes those authorizations reimbursed from Foreign Military Sales Direct Case funds (PE 1002002F).

0804745N Undergraduate Pilot Training (UPT) - Strike;X-4-08;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the conduct of flight and related ground training in a program culminating in the award of pilot designation or rating. Consists of undergraduate jet pilot training. Also includes training of instructor pilots for undergraduate pilot training, and load-in flight familiarization training not conducted incidental to an officer acquisition program. Includes supporting activities, such as operation, maintenance, and manning of aircraft, training aircraft carriers, airfields, and training simulators; aircraft and simulator procurement; and supporting contracts.

NOTE: Training aircraft will be shown by type and model using force RICs. Students in PCS status will be identified by appropriate manpower RICs.

Excludes aircraft maintenance training and airfield operations training (see PE 08047310); survival training not integral to UPT syllabus (see PE 08047310, General Skill Training); flight training, other than instructor pilot training in support of UPT, conducted subsequent to award of pilot designation or rating (see PE 08047430 or Force Support Training elements); flight familiarization training costs included in Officer Acquisition training programs (see appropriate program elements in this program); base operations/communications; and pay and allowances and manpower authorizations for reserve component personnel undergoing training (see Program 5).

0804746N Undergraduate Pilot Training (UPT) - Maritime;X-4-08;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the conduct of flight and related ground training in a program specifically identified and measurable to the conduct of flight and related ground training in a program culminating in the award of pilot designation or rating. Consists of undergraduate propeller pilot training. Also includes training of instructor pilots for undergraduate pilot training, and load-in flight familiarization training not conducted incidental to an officer acquisition program. Includes supporting activities, such as operation, maintenance, and manning of aircraft, airfields, and training simulators; aircraft and simulator procurement; and supporting contracts.

NOTE: Training aircraft will be shown by type and model using force RICs. Students in PCS status will be identified by appropriate manpower RICs.

Excludes aircraft maintenance training and airfield operations training (see PE 08047310); survival training not integral to UPT syllabus (see PE 08047310, General Skill Training); flight training, other than instructor pilot training in support of UPT, conducted subsequent to award of pilot designation or rating (see PE 08047430 or Force Support Training elements); flight familiarization training costs included in Officer Acquisition training programs (see appropriate program elements in this program); base operations/communications; and pay and

allowances and manpower authorizations for reserve component personnel undergoing training (see Program 5).

0804747N Undergraduate Pilot Training (UPT) - Rotary;X-4-08;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the conduct of flight and related ground training in a program specifically identified and measurable to the conduct of flight and related ground training in a program culminating in the award of pilot designation or rating. Consists of undergraduate helicopter pilot training. Also includes training of instructor pilots for undergraduate pilot training, and load-in flight familiarization training not conducted incidental to an officer acquisition program. Includes supporting activities, such as operation, maintenance, and manning of aircraft, training aircraft carriers, airfields, and training simulators; aircraft and simulator procurement; and supporting contracts.

NOTE: Training aircraft will be shown by type and model using force RICs. Students in PCS status will be identified by appropriate manpower RICs.

Excludes aircraft maintenance training and airfield operations training (see PE 08047310); survival training not integral to UPT syllabus (see PE 08047310, General Skill Training); flight training, other than instructor pilot training in support of UPT, conducted subsequent to award of pilot designation or rating (see PE 08047430 or Force Support Training elements); flight familiarization training costs included in Officer Acquisition training programs (see appropriate program elements in this program); base operations/communications; and pay and allowances and manpower authorizations for reserve component personnel undergoing training (see Program 5).

0804748F Flight Screening;X-7-01;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and associated costs specifically identified and measurable to pre-UPT pilot indoctrination, orientation, and airmanship training conducted separate from UPT syllabus, e.g., at Hondo, USAF Academy, or other pre-UPT flight screening sites. Also includes training for flight screening instructor pilots. Includes supporting activities such as operation, maintenance, and manning of aircraft, airfields, and training simulators; aircraft and simulator procurement; and supporting contracts.
NOTE: Trainer aircraft will be shown by type and model using force RICs.

Excludes airfield operations training (see PE 08047310); survival training not integral to UFT; undergraduate pilot and navigator training (see PEs 08047410 and 08047420); pay and allowances and manpower authorizations for reserve component personnel undergoing training (See program 5); and base operations/communications.

0804749F Instrument Flight Center;X-7-01;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and associated costs specifically identified and measurable to the conduct of flight and ground activities for the USAF Instrument Flight Center. Includes jet aircraft flight training and transition training costs. Includes supporting activities such as aircraft and simulator procurement; and supporting contracts.
NOTE: Aircraft will be shown by type and model using force RICs.

Excludes airfield operations training (see PE 08047310); base operations/communications; and pay and allowance

and manpower authorizations for reserve component personnel undergoing training (see Program 5).

08047510 (A,F,M,N) Professional Military Education;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: Conduct of professional military education at the following:

Basic Officers Professional Schools - Air Force Squadron Officer School; Marine Corps Amphibious Warfare Course.

Intermediate Service Schools - Armed Forces Staff College; Army Command and General Staff College; College of Naval Command and Staff; Marine Corps Command and Staff College; Air Command and Staff College; Defense Systems Management School.

Senior Service Colleges - Army War College; Naval War College; Air War College; National Defense University.

Enlisted Leadership Training - Army: Sergeants Major Academy; Air Force: Senior NCO Academy; Marine Corps: Staff NCO Academy; Navy: Senior Enlisted Academy.

NOTE: Students will be identified by appropriate manpower RICs.

Excludes NCO academies other than those listed (see PE 08047310); base operations/communications; pay and allowances and manpower authorizations for reserve component personnel undergoing training (see Program 5).

08047520 (A,F,M,N) Other Professional Education;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: Conduct of professional development education programs at the following:

Naval Postgraduate School; Air Force Institute of Technology; Air University (other than specifically included in PE 0804751F).

Includes both graduate education for validated billets and short courses taught at these schools. Includes units devoted predominantly to support of the above activities. Includes TDY funding specifically identified to this training.

Conduct of professional development education programs at civilian institutions: Includes student and tuition resources for fully-funded, full-time graduate education for military personnel at civilian institutions, that is, graduate education for validated billets. Also includes such resources for: other full-time degree-completion programs; full-time, nondegree education; full-time professional development education programs with industry.

NOTE: Students in PCS status will be identified by appropriate manpower RICs.

Excludes base operations/communications; pay and allowances and manpower authorizations of reserve component personnel undergoing training (see Program 5).

08047530 (A,F,M,N,S) Acquisition Training;X-92-3;;

Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to acquisition education and training.

Includes the USD(A) managed scholarship program, the Defense Acquisition University and provides for all mandatory DoD acquisition courses, to include student travel and per diem managed under the Defense Acquisition University.

Also includes resources for other acquisition courses at Service-sponsored schools and resources for the on-going Acquisition Enhancement Program.

0804755S Business Management Training;X-93-2;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and associated costs specifically identified and measurable to business management education and training.

Includes resources to operate the Defense Business Management University; oversight of financial management courses throughout the DoD; and curriculum review and development.

0804761A Integrated Recruit and Skill Training Units;X-79-003;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: Conduct of recruit training and initial skill training (enlisted) in a single unit in a single, uninterrupted forman course. Includes, for example:

Army one-station unit training; Navy apprenticeship training when conducted as a single, uninterrupted course with recruit training.

NOTE: Trainees will be identified by appropriate manpower RICs.

Excludes recruit training in a separate course (see PE 08047110); Navy apprenticeship training when not integrated with recruit training (see PE 08047310, "General Skill Training"); recruiting, examining, and initial entry processing (see "Personnel Procurement" elements in this program); pay and allowances and manpower authorizations for reserve component personnel undergoing training (see Program 5); and initial skill training (enlisted)- in a separate course (see appropriate program elements in this program).

0804761F Integrated Recruit and Skill Training Units (H);X-6-01;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: Conduct of recruit training and initial skill training (enlisted) in a single unit in a single, uninterrupted formal course. Includes, for example:

Army one-station unit training; Navy apprenticeship training when conducted as a single, uninterrupted course with recruit training.

NOTE: Trainees will be identified by appropriate manpower RICs.

Excludes recruit training in a separate course (see PE 08047110); Navy apprenticeship training when not integrated with recruit training (see PE 08047310, "General Skill Training"); recruiting, examining, and initial entry processing (see "Personnel Procurement" elements in this program); pay and allowances and manpower authorizations

for reserve component personnel undergoing training (see Program 5); and initial skill training (enlisted)- in a separate course (see appropriate program elements in this program).

08047710 (A,F,M,N) Support of the Training Establishment;X-79-012;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to Army School Troops; centrally-managed travel and per diem funds for temporary duty training; and training aids primarily for schools and training centers. Includes base-level training aid resources in the training establishment. Also includes preparation of literature primarily for schools and training centers.

Excludes training developments (PE 08047720); base-level training aids resources outside the training establishment, and other training assistance to units and their assigned members outside the training establishment (PE 08097310); TDY funding specifically identified to a PE in Program 8; and audiovisual resources (PE 08057900).

08047720 (A,F,M,N) Training Developments;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to development of training technology and instructional systems. Includes initial procurement and development support of demonstrational or test instructional systems or subsystems, unless applicable specifically to a particular type of training, e.g., flight simulators for undergraduate pilot training in PE 08047410.

Excludes combat developments activities.

0804773A ATC/Ground Support of Aviation Flight Training;X-8-03;
Includes military and civilian manpower and related costs. Includes operation of Army non-tactical air traffic control and air traffic control facilities and ground control approach radar systems used in support of flight training; control of aircraft on the ground and in airspace adjacent to the installation; operation of navigational facilities and ground control approach radar systems; performance of inspections, tests and organizational maintenance of C-E equipment and systems; maintenance of navigational maps and charts, records and statistics pertaining to air traffic control matters, flight plans, and weather and safety advisories; and monitorship of new equipment training. Support of aircraft used in flight training to include flight clearance authority, weather service, airfield and stagefield crash fire, crash and rescue facilities, flight planning facilities, aircraft servicing operations, notice to airmen (NOTAM) service and operations security. Also includes coordination with flight service stations (FSS), air route traffic control centers (ARTCC) and approach control units.

Excludes support for installation and transient aircraft.

0804774A ATC Management;X-8-03;
Includes military and civilian manpower and related costs. Includes Army-wide air traffic control management activities for Army Aviation to include the Aeronautical Services Office. Program Manager for Air Traffic Control initiatives and related equipment and facility requirements. Guidance, advice and assistance to CONUS and OCONUS

major commands; interface and liaison with HQDAA, FAA, other services and U.S. government and foreign agencies; direct support to DA, DCSOPS on ATC and related matters; development of procurement, OMA, and MCA budget information for Army fixed base ATC projects and programs. Aircraft procurement budget relative to air traffic control equipment requirements. Repair and direct exchange support to ATC/NAVAIDS activities within CONUS, Hawaii and select equipment in Korea; technical assistance; a direct exchange facility for repair/service of printed circuit cards, modules and subassemblies for return to stock. On-site technical assistance for ATC equipment, systems, facilities and personnel; on-site inspections and evaluations; complete requirements surveys and precommissioning flight checks (ground/air) for NAVAIDS; and test and acceptance of facility equipment. Cost of site preparation, bill of materials and installation of materials for standardization and improvement projects in support of air traffic control communications systems.

Excludes TDY of personnel, and all engineering and installation costs associated with all elements of USAISEC and USAISMA.

0804775F Operational Headquarters (Technical Training);X-93-4;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: Technical Training Wings.

Excludes management headquarters resources.

0804777F Operational Headquarters (Flying Training);X-93-4;;
Includes manpower authorizations,peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: Flying Training Wings.

Excludes management headquarters resources.

0804779F Air University Headquarters;X-94-5;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to Air University, Maxwell AFB, AL.

Excludes management headquarters resources.

0805020A Maintenance of Tactical Equipment ;X-93-4;;
Includes manpower authorizations; tactical unit, peculiar and support equipment; necessary storage and maintenance facilities; and associated costs specifically identified and measurable to the following: Training installation maintenance organizations which perform peacetime direct and general support (DS/GS) maintenance to TDA units, and MTOE units in peacetime. In wartime MTOE maintenance is performed by appropriate division, corps or theater Army area maintenance units, but in peacetim e these support units are located in the Army National Guard or Army Reserve. Includes equipment which: 1. Is directly related to mission performance; 2. Is recorded on organizational property records.

0805612A Information Management - Program 8 Training;X-92-3;;

Includes civilian and military authorizations and associated costs specifically identified and measurable to the following: staff supervision of management information activities at major command (MACOM) and installation levels; all costs associated with mission-related data processing, to include supplies, equipment, design costs, analysis, programing and operation and maintenance. This program element is effective beginning in fiscal year 1992.

Excludes manpower and related costs of Automation Acquisition management and support (PEO/PM life cycle management costs), central software design, and operation of Life Cycle Software Support Centers (see specific PE for these costs and definitions.

0805615A Automated Acquisition Mgt & Spt - Project Mgrs- P8 Training;X-92-3;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and related costs specifically identified and measurable to the following: operation of Army Acquisition Executive chartered Program Executive Officer/Program Manager offices and other Army chartered Project managers for automated information systems developed and fielded under the DOD 7920 Life Cycle Management directives. Includes salary and expense costs for the life cycle of the system.

Excludes the costs of development, fielding or operation of the hardware and software associated with these systems. Excludes Program Executive Officer/Program Manager costs for systems developed under guidelines of the DOD 5000 acquisition management series of directives.

0805616A Information Management - Central Software Design - P8 Training;X-92-3;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and related costs specifically identified and measurable to the following: operation of an organization, or segments thereof, which is responsible for designing, coding, testing, documenting, and subsequently maintaining and modifying executive or application software for MACOM- or Army-wide use. Includes technical assistance, field assistance to users, quality assurance and library functions when these functions are performed in support of a central software design activity. Also includes resources for contractor designed and developed software.

Excludes costs attributable to software design for systems being fielded under the DOD 5000 series of acquisition directives.

0805693F Revenues (SARPMA) (IF) (H);X-92-3;
Includes the revenues (minus entries) received as payment for goods and services furnished by SARPMA for its customers in the accomplishment of real property maintenance activities support, and provision of engineering, environmental planning, and management services. Also includes the net annual operating gain or loss.

0805694F Real Property Maintenance (SARPMA) (IF) (H);X-92-3;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: The San Antonio Real Property Maintenance Agency (SARPMA) is an industrially-funded, named unit, subordinate to Headquarters, Air Training Command. The agency is responsible for providing all real property maintenance activities to Brooks, Kelly, Lackland, and Randolph AFB's, the Army's Ft. Sam Houston, and other associated supported installations. These activities are to include , but

are not limited to: operations and maintenance of all utility systems; provision of purchased utilities; provision of services such as refuse collection and disposal, custodial services, sanitation, and entomology services; day-to-day maintenance and repair of facilities, pavements, grounds, and other structures; accomplishment of major work orders either by in-house or contract accomplishment dependent on customer requirements; and provision of engineering, environmental planning, and management services.

Excludes operational costs associated with provisions of crash rescue/structural fire protection activities and family housing management.

08057190 (A,F,M,N) Child Development - Service Academies;X-93-3;;
Includes manpower authorization, facilities, supplies and support equipment and associated costs specifically identified and measurable to the intellectual, social, emotional and physical development of children. The primary sources are child development centers and family child care/family day care home which are government quarters, owned or leased.

08057200 (A,F,M,N) Family Centers - Service Academies;X-93-3;;
Includes manpower authorization, facilities, supplies and support equipment and associated costs specifically identified and measurable to the Services and includes:

Spouse employment, relocation assistance, crisis referral and aid for families, financial management planning, information concerning family support resources, and services for families with special needs.

08057530 (A,F,M,N) Environmental Conservation - Training;X-94-6;;
Conservation includes any action specifically required to protect or enhance natural and cultural resources, preserve access to improved and unimproved training areas, and make necessary repairs to minimize erosion and otherwise rehabilitate DoD lands and waters. This includes complying with federal, state and local codes such as the National Historic Preservation Act, Archaeological Resources Protection Act, Native American Graves Protection and Repatriation Act, Endangered Species Act, Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), and the Sikes Act.

Funds all costs associated with direct support of conservation activities, including:

A. Studies and surveys to identify, inventory, and manage existing natural and cultural resources and evaluation of the resources so identified and inventoried;
B. Management costs, including workyears devoted to natural and cultural activities and preparing natural and cultural resource management plans;
C. Permits for use of natural and cultural resources;
D. Certification of innovative technology for DoD applications;
E. Design, construction, maintenance or repair costs specifically required to restore, improve or maintain natural or cultural resources;

F. Supplies and equipment required to carry out applicable natural and cultural resources management activities;
G. Appropriated funds attributable to fish, wildlife, agricultural outleasing and timber management activities.

Excludes:

A. Base Closure costs associated with these programs;
B. Normal maintenance required for appearance, including landscaping;
C. NEPA costs associated with facilities or weapons systems which are included in facility or weapon system costs;
D. Activities funded in the Defense Business Operations Fund (DBOF), which are charged to the appropriate DBOF program elements.

08057540 (A,F,M,N) Pollution Prevention - Training;X-94-6;;
Pollution prevention is any action that is designed to reduce or eliminate (rather than control or treat) the future impact that an operation may have on the environment (including impacts to the air, surface and ground waters, vegetation and soils) through the source reduction of pollutants, more efficient use of natural resources, recycling, and/or reduced emissions of toxic and other undesirable materials or wastes to the environment.

Funds all costs associated with pollution prevention, including:

A. Certification of innovative technology for DoD applications;
B. Any laws, Executive Orders, or DoD policies that apply specifically to pollution prevention efforts;
C. Initial acquisition of environmentally acceptable replacements for hazardous materials required to comply with pollution prevention standards; (excludes normal replacement of hazardous material with less hazardous materials);
D. Installation level pollution prevention plans, assessments, equipment, and projects;
E. Review and modification of standardized documents for the sole purpose of eliminating or reducing the use of toxic chemicals and/or hazardous materials;
F. Cost of personnel and office operations directly involved with pollution prevention programs (including recycling programs);
G. Any facilities construction costs or maintenance costs primarily required to meet pollution prevention goals;

Excluding:

A. Research and development efforts associated with pollution prevention, which are covered under specific R&D program elements;
B. Normal infrastructure maintenance and repair to keep a system in good working order or system replacement as part of normal replacement cycles;

C. Activities funded in the Defense Business Operations Fund (DBOF), which are charged to the appropriate DBOF program elements;
D. Activities funded as part of a larger system acquisition program, which should be separately identified through cost accounting codes under the main system acquisition program element. For example, pollution prevention efforts included in the design of a new weapon system would be under the PE of the weapon system;
E. Base closure costs associated with these programs;
F. Activities funded within Family Housing program elements.

08057560 (A,F,M,N) Environmental Compliance - Training;X-94-6;;
Environmental Compliance includes actions to achieve and maintain full and sustained compliance with federal, state, and local environmental laws and regulations, Executive Orders, host nation regulations and DoD policies. Applies to workyears, training, travel, supplies, permits, fees, support equipment, service, and facilities (if the primary purpose is to comply with environmental standards) and the associated costs specifically identified and measurable to environmental compliance.

Funds all costs related to environmental compliance, including:

A. Recurring costs of environmental program management, daily operations and services, permits, fees, certifications, studies, and licenses; civilian workyears; education and training of environmental programs; hazardous waste management and disposal; sampling, analysis, monitoring and surveys; supplies, equipment, and travel.
B. Nonrecurring costs of projects/services required to bring DoD into compliance with environmental standards or comply with a notice of violation (Class I); to prevent DoD from failing to meet impending environmental standards (Class II); or to enhance the environment beyond legal requirements (Class III);
C. Pest management programs to meet FIFRA standards for pest management and pesticide storage, handling or use standards;
D. Overseas cleanup, as well as overseas compliance, efforts; and
E. Certification of innovative technology for DoD applications.

Excluding:

A. Efforts funded under Defense Environmental Restoration Account, Conservation, Pollution Prevention, BRAC or Occupational Health and Safety auspices;
B. Research and Development efforts associated with compliance, which are covered under specific R&D program elements;
C. Normal maintenance and repair to keep systems in working order, system replacement as part of normal replacement cycle; and normal installation operations (i.e. solid waste disposal including tipping fees, landfill operations, etc.); normal wastewater treatment plants, both domestic and industrial, which are appropriately included in base operations;

D. Upgrade/alteration of an industrial process undertaken for other than environmental purposes;
E. Environmental certification/licenses funded separately from mandatory requirements and training;
F. Routine pest control applications required to preserve structural integrity, properly charged to RPM and health applications, such as, mosquito control.

0805760F Engineering Installation Support -AETC;X-94-5;;
Includes funds to support Air Education and Training Command and the Air Force Academy for engineering, installation, removal, and relocations of communication computer systems, networks, and equipment. Includes costs for travel, transportation, per diem, rents, supplies, contract services, major and minor equipment in support of upward generated Communication-Computer Systems Requirements Documents (CSRD) and downward directed programs (i.e. PMD).

Excludes manpower, military pay, and AFCC E&T requirements identified in PE 0305123F.

08057760 (A,F,M,N) Minor Construction (RPM) - Training;X-91-3;;
Includes manpower authorizations, peculiar and support equipment, necessary faclities and the associated cost specifically identified and measurable to the following:

All construction costing less than the statutory maximum amount for a Minor Military Construction project as established by section 2805 of title 10 U.S.C.

08057780 (A,F,M,N) Maintenance and Repair (RPM) - Training;X-92-3;;
Includes manpower authorizations, peculiar and support equipment, necessary faclities and the associated cost specifically identified and measurable to the following:

Maintenance and repair of real property, i.e., utilities, buildings, other facilities, pavements, (roads, parking areas, runways, etc.), land, and grounds. Includes, but not limited to, such things as repair of electrical circuitry, heating and air conditioning, water piping, and routine maintenance work such as caulking, painting, etc.

08057790 (A,F,M,N) Real Property Services (RPS) - Training;X-94-7;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs of utility plant operations, purchased utilities, air conditioning and refrigeration, utility fuels, fire protection, crash rescue, snow removal and ice alleviation, entomological services, window glass replacement, elevator maintenance/inspection, custodial services, refuse collection and disposal, sewer and waste systems, rental of real property, facility engineering and public works management, other installation engineering services and other annual service requirements performed in-house or by contract.

08057900 (A,F,M,N) Visual Information Activities-Training;X-6-06;

Funds Visual Information programs, consisting of the following subsets: Visual information (VI) productions and services and VI support.

Includes manpower authorizations and costs, travel, contractual services, procurement of supplies and materials, expense equipment, necessary facilities and the associated costs specifically identified, separable into "in-house" and "contract" portions, and measurable to the following training functions, as appropriate:

o VI Productions and Services. Produce or acquire VI productions (i.e., slide and slide-sound sets, film strips, multi-media, video disc, audio productions, combination media), and motion media with sound. Includes resources for scripting, preproduction, production, postproduction, libraries, duplication, distribution, production project management, and other related and associated services.

o VI Support. Provide VI operational (combat and technical) documentation, still and motion picture photography, video, audio, radio and television closed circuit and broadcasting (not Armed Forces Radio and Television Service (AFRTS)) services, graphic art, VI records centers, VI records holding facilities, presentation support, repair and maintenance, video teleconferencing terminals, related and associated services, and their supervision.

o Joint Visual Information Services (JVIS). Resources to operate and maintain JVIS production, depository, and distribution activities assigned by OASD(PA), as a joint mission for DoD.

Excludes VI management at command and component headquarters and OSD. Excludes technical documentation support not available from base VI services, integral to the mission of organizations supported, and identified in other program elements. VI equipment integral to technical documentation functions is also excluded. It does not include VI activities with discrete program elements such as: Armed Forces Radio and Television Service.

0805794A Real Property Maintenance - Training (H);X-93-2;;

Includes manpower authorizations, peculiar and support equipment, specifically identified and measurable to the following:

Real property maintenance at fixed telecommunications installations. Maintenance and Repair of all real property, utilities systems, buildings, other facilities, pavements (roads, parking areas, etc.), land (grounds), Minor construction (with other than military construction funds).

Includes all resources in functional categories 9, 10, 11 and 12 as defined in DoD Instruction 7220.20. Also includes all resources (except manpower and military pay) used by groups/units assigned to specific BOS tasks on an ad hoc basis such as Army engineer units assigned to repair/construct facilities, roads, parking areas, etc., even if the work is classified as A military unit training project.

Excludes costs of maintaining family housing. See PE 08087460, Family Housing Maintenance. Excludes Environmental Compliance (separate PEs).

08057940 (A,F,M,N) Real Property Maintenance - Training (H);X-93-2;;

Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Real property maintenance at installation with a primary mission of supporting Individual Training.

Maintenance and repair of all real property: - utilities systems, - buildings, - other facilities, - pavements (roads, parking areas, etc.), - land (grounds)

Minor construction (with other than military construction funds).

Operation of utilities for all real property.

Other engineering support. -fire protection, - custodial services, - entomology services, - refuse collection and disposal, - snow removal and ice alleviation, - rental of real property, excluding payments to GSA, - other installation engineering services

Includes all resources in functional categories 9, 10, 11, and 12 as defined in DoD Instruction 7220.20. Also includes all resources (except manpower and military pay) used by groups/units assigned to specific BOS tasks on an ad hoc basis such as Army engineer/Red Horse/Naval Construction Force units assigned to repair/construct facilities, roads, parking areas, etc., even if the work is classified as a military unit training project.

Includes funding for reimbursement of Public Works Centers or host installations for real property maintenance.

Excludes costs of maintaining family housing. See PE 08087460, Family Housing Maintenance.

08057950 (A,F,M,N) Base Communications - Training;X-92-3;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Army: Base communications resources in support of Army training activities. Includes nontactical, non-DCS base (post, camp and station) communications facilities, and equipment systems which provide local communications worldwide to installations/activities.

NAVY: Base-level communications support for Naval Training Centers, Naval Academy, Naval Air Stations, and Naval Station, Annapolis, to include base telephones, industrial security networks, crash networks, and paging networks.

MARINE CORPS: Telecommunications support, to include base telephone facilities, communications centers, and security networks for base at which located (Marine Corps Recruit Depots, Paris Island and San Diego; and the Marine Corps Development Center, Quantico, VA).

AIR FORCE: Base-level communications support for USAFSS (Goodfellow AFB only), Air Training Command, Air University, and Air Force Academy, to include base telephone systems, intrabase radio systems, wire communications services, offical telephone tolls, TWX usage and commercial refile charges, Class B tolls and charges, and other base-level commercial communications requirements. Also includes DCS and non-DCS resources for command communication networks of ATC, AIRU, and USAFA; and the headquarters communications staff personnel for ATC, AIRU, and USAFA (non-AFCS).

Excludes DCS switched network support (PE 0303112F and PE 03031260); DCS long-haul telecommunications systems and circuits; and AFCS base telecommunications center operating and maintenance personnel (PE 0303112F).

08057960 (A,F,M,N) Base Operations - Training;X-95-1;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs

specifically identified and measurable to the following functional categories of effort:

Administration: Installation Headquarters Administration and Command, Installation Comptroller Services, Installation ADP Services, Installation Information Activities, Installation Legal Activities, Installation Civilian Personnel Administration, Installation Military Personnel Administration, Installation Printing and Reproduction, Installation Safety, Installation Management Analysis/Management Engineering.

Retail Supply Operations, Installation Supply Activities, Installation Procurement Operations, Installation Storage Activities.

Maintenance of Installation Equipment (includes maintenance of administrative aircraft, vehicles and equipment but excludes maintenance of tactical equipment, combat vehicles and mission aircraft).

Other Base Service: Installation Transportation Activities, Installation Training (excluding troop training and tactical exercises). Installation Physical Security and Police Activities, Laundry and Dry Cleaning (for troop support and other appropriated fund activities)..

Bachelor Housing Operations and furnishings (management, housing assignment, care of quarters, provisions, care, preservation and maintenance of furnishings, etc.).

Other Personnel Support: Food Service, Social Action, Community Services, Chaplains, Bands, Morale, Welfare, and Recreation.

Excludes the following functional categories which are a part of the standard definition of Base Operating Support, but are reported under separate PE's:

Excludes the following functional categories which are a part of the standard definition of Base Operating Support, but are reported under separate PEs.

Maintenance and Repair of Real Property, Real Property Services, Minor Construction, Base Communications, Commissary Operations, Retail and Troop Issue, Station Hospitals, Medical and Dental Clinics and Dispensaries, Family Housing.

08057980 (A,F,M,N) Management Headquarters (Training);X-1-006;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

ARMY: Training and Doctrine Command (TRADOC) Headquarters

NAVY: Chief of Naval Education and Training (CNET) Headquarters, Chief of Naval Air Training (CNATRA) Headquarters, Chief of Naval Technical Training (CNTECHTRA) Headquarters

AIR FORCE: Air Training Command (ATC) Headquarters.

Excludes nonmanagement Headquarters resources and Dependents' Education office.

08058530 (A,F,N) Environmental Conservation - Service Academies;X-94-6;;

Conservation includes any action specifically required to protect or enhance natural and cultural resources, preserve access to improved and unimproved training areas, and make necessary repairs to minimize erosion and otherwise rehabilitate DoD lands and waters. This includes complying with federal, state and local codes such as the National Historic Preservation Act, Archaeological Resources Protection Act, Native American Graves Protection and Repatriation Act, Endangered Species Act, Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), and the Sikes Act.

Funds all costs associated with direct support of conservation activities, including:

A. Studies and surveys to identify, inventory, and manage existing natural and cultural resources and evaluation of the resources so identified and inventoried;
B. Management costs, including workyears devoted to natural and cultural activities and preparing natural and cultural resource management plans;
C. Permits for use of natural and cultural resources;
D. Certification of innovative technology for DoD applications;
E. Design, construction, maintenance or repair costs specifically required to restore, improve or maintain natural or cultural resources;
F. Supplies and equipment required to carry out applicable natural and cultural resources management activities;
G. Appropriated funds attributable to fish, wildlife, agricultural outleasing and timber management activities.

Excludes:

A. Base Closure costs associated with these programs;
B. Normal maintenance required for appearance, including landscaping;
C. NEPA costs associated with facilities or weapons systems which are included in facility or weapon system costs;
D. Activities funded in the Defense Business Operations Fund (DBOF), which are charged to the appropriate DBOF program elements.

08058540 (A,F,N) Pollution Prevention - Service Academies;X-94-6;;
Pollution prevention is any action that is designed to reduce or eliminate (rather than control or treat) the future impact that an operation may have on the environment (including impacts to the air, surface and ground waters, vegetation and soils) through the source reduction of pollutants, more efficient use of natural resources, recycling, and/or reduced emissions of toxic and other undesirable materials or wastes to the environment.

Funds all costs associated with pollution prevention, including:

A. Certification of innovative technology for DoD applications;
B. Any laws, Executive Orders, or DoD policies that apply specifically to pollution prevention efforts;

C. Initial acquisition of environmentally acceptable replacements for hazardous materials required to comply with pollution prevention standards; (excludes normal replacement of hazardous material with less hazardous materials);
D. Installation level pollution prevention plans, assessments, equipment, and projects;
E. Review and modification of standardized documents for the sole purpose of eliminating or reducing the use of toxic chemicals and/or hazardous materials;
F. Cost of personnel and office operations directly involved with pollution prevention programs (including recycling programs);
G. Any facilities construction costs or maintenance costs primarily required to meet pollution prevention goals;

Excluding:

A. Research and development efforts associated with pollution prevention, which are covered under specific R&D program elements;
B. Normal infrastructure maintenance and repair to keep a system in good working order or system replacement as part of normal replacement cycles;
C. Activities funded in the Defense Business Operations Fund (DBOF), which are charged to the appropriate DBOF program elements;
D. Activities funded as part of a larger system acquisition program, which should be separately identified through cost accounting codes under the main system acquisition program element. For example, pollution prevention efforts included in the design of a new weapon system would be under the PE of the weapon system;
E. Base closure costs associated with these programs;
F. Activities funded within Family Housing program elements.

08058560 (A,F,N) Environmental Compliance - Service Academies;X-94-6;;
Environmental Compliance includes actions to achieve and maintain full and sustained compliance with federal, state, and local environmental laws and regulations, Executive Orders, host nation regulations and DoD policies. Applies to workyears, training, travel, supplies, permits, fees, support equipment, service, and facilities (if the primary purpose is to comply with environmental standards) and the associated costs specifically identified and measurable to environmental compliance.

Funds all costs related to environmental compliance, including:

A. Recurring costs of environmental program management, daily operations and services, permits, fees, certifications, studies, and licenses; civilian workyears; education and training of environmental programs; hazardous waste management and disposal; sampling, analysis, monitoring and surveys; supplies, equipment, and travel.
B. Nonrecurring costs of projects/services required to bring DoD into compliance with environmental standards or comply with a notice of violation (Class I); to prevent DoD from failing to meet impending environmental standards (Class II); or to enhance the environment beyond legal requirements (Class III);

C. Pest management programs to meet FIFRA standards for pest management and pesticide storage, handling or use standards;
D. Overseas cleanup, as well as overseas compliance, efforts; and
E. Certification of innovative technology for DoD applications.

Excluding:

A. Efforts funded under Defense Environmental Restoration Account, Conservation, Pollution Prevention, BRAC or Occupational Health and Safety auspices;
B. Research and Development efforts associated with compliance, which are covered under specific R&D program elements;
C. Normal maintenance and repair to keep systems in working order, system replacement as part of normal replacement cycle; and normal installation operations (i.e. solid waste disposal including tipping fees, landfill operations, etc.); normal wastewater treatment plants, both domestic and industrial, which are appropriately included in base operations;
D. Upgrade/alteration of an industrial process undertaken for other than environmental purposes;
E. Environmental certification/licenses funded separately from mandatory requirements and training;
F. Routine pest control applications required to preserve structural integrity, properly charged to RPM and health applications, such as, mosquito control.

08058760 (A,F,N) Minor Construction (RPM) - Service Academies;X-91-3;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated cost specifically identified and measurable to the following:

All construction costing less than the statutory maximum amount for a Minor Military Construction project as established by section 2805 of title 10 U.S.C.in support of Army, Navy, and Air Force service academies.

08058780 (A,F,N) Maintenance and Repair (RPM) - Service Academies;X-91-3;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated cost specifically identified and measurable to the following:

Maintenance and repair of real property, i.e., utilities, buildings, other facilities, pavements, (roads, parking areas, runways, etc.), land, and grounds. Includes, but not limited to, such things as repair of electrical circuitry, heating and air conditioning, water piping, and routine maintenance work such as caulking, painting, etc in support of Army, Navy, and Air Force service academies.

08058790 (A,F,N) Real Property Services (RPS) - Service Academies;X-94-7;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs of

utility plant operations, purchased utilities, air conditioning and refrigeration, utility fuels, fire protection, crash rescue, snow removal and ice alleviation, entomological services, window glass replacement, elevator maintenance/inspection, custodial services, refuse collection and disposal, sewer and waste systems, rental of real property, facility engineering and public works management, other installation engineering services and other annual service requirements performed in-house or by contract.

08058900 (A,F,M,N) Visual Information Activities - Service Academies;X-93-3;;
Funds Visual Information programs, consisting of the following subsets: Visual information (VI) productions and services and VI support.

Includes manpower authorizations and costs, travel, contractual services, procurement of supplies and materials, expense equipment, necessary facilities and the associated costs specifically identified, separable into "in-house" and "contract" portions, and measurable to the following training functions, as appropriate.

0805894A Real Property Maintenance - Service Academy (H);X-93-2;;
Includes manpower authorizations, peculiar and support equipment, specifically identified and measurable to the following:

Real property maintenance at fixed telecommunications installations. Maintenance and Repair of all real property, utilities systems, buildings, other facilities, pavements (roads, parking areas, etc.), land (grounds), Minor construction (with other than military construction funds).

Includes all resources in functional categories 9, 10, 11 and 12 as defined in DoD Instruction 7220.20. Also includes all resources (except manpower and military pay) used by groups/units assigned to specific BOS tasks on an ad hoc basis such as Army engineer units assigned to repair/construct facilities, roads, parking areas, etc., even if the work is classified as A military unit training project.

Excludes costs of maintaining family housing. See PE 08087460, Family Housing Maintenance. Excludes Environmental Compliance (separate PEs).

08058940 (A,F,N) Real Property Maintenance - Service Academies (H);X-93-2;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Real property maintenance at the Army, Navy, and Air Force Service Academies.

Maintenance and repair of all real property -utilities, -buildings, -other facilities, -pavements (roads, parking areas, etc.), -land (grounds)

Minor construction (with other than military construction funds).

Operation of utilities for all real property.

Other engineering support. -fire protection, -custodial services. -entomology services, -refuse collection and disposal, -snow removal and ice alleviation, -rental of real property, excluding payments to GSA, -other

installation engineering services

Includes all resources in functional categories 9, 10, 11, and 12 as defined in DoD Instruction 7220.20. Also includes all resources (except manpower and military pay) used by groups/units assigned to specific BOS tasks on an ad hoc basis such as Army engineer/Red Horse/Naval Construction Force units assigned to repair/construct facilities, roads, parking areas, etc., even if the work is classified as a military unit training project.

Excludes costs of maintaining family housing. See P.E. 08087460, Family Housing Maintenance.

08058950 (A,F,M,N) Base Communications - Service Academies;X-93-3;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Base communications in support of Army, Navy, Air Force and Marine Corps activities at each Service Academy.
ons

08058960 (A,F,N) Base Operations - Service Academies;X-95-1;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following functional categories of effort:

Administration: Installation Headquarters Administration and Command (including squadron level responsible for Base Operations), Installation Comptroller Services, Installation ADP Services, Installation Information Activities, Installation Legal Activities, Civilian Personnel Administration, Installation Military Personnel, Administration Installation Printing and Reproduction, Installation Safety, Installation Management Analysis/Management Engineering.

Retail Supply Operations: Installation Supply Activities, Installation Procurement Operation, Installation Storage Activ ities.

Maintenance of Installation Equipment: (Includes maintenance of administrative aircraft, vehicles and equipment; but excludes maintenance of tactical equipment, combat vehicle and mission aircraft).

Other Base Services: Installation Transportation Activities, Installation Training (excludes Troop training and tactical exercise). Installation Physical and Police Activities, Laundry and Dry Cleaning (for troop support and other appropriated fund activities). Installation AirField/Air Base Operations (control tower, weather, flight service, etc.) Installation Restoration.

Bachelor Housing Operations and Furnishing: (management; housing assignment, care of quarters, provisions, care preservation and maintenance of furnishings, etc.)

Other Personnel Support: Food Service; Social Action; Community Service; Chaplain Services; Bands; Morale, Welfare and Recreation.

Excluded are the following functional categories which are a part of the standard definition of Base Operating Support, but are reported under separate PEs: Real Property Services, Minor Construction, Maintenance and Repair, Base Communications, Commissary Operations (Retail and Troop Issue), Station Hospitals, Medical and Dental Clinics and Dispensaries, Family Housing.

08067210 (A,F,M,N,HP,W) Uniformed Services University of the Health Sciences;X-94-4;;

Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Resources associated with the establishment, operation, and maintenance of the Uniformed Services University of the Health Sciences (USUHS). Includes instructors and instructional support.

0806722D Health Care Precommissioning Professional Scholarship Programs (H);X-94-4;;

08067220 (A,F,N,HP) Health Care Precommissioning Professional Scholarship Programs;X-94-4;;
Includes costs specifically identified and measurable to the Armed Forces Health Professions Scholarship (HPSP), Financial Assistance Program (FAP), and other precommissioning professional scholarship programs.

Excludes manpower authorizations and administrative support costs for the above programs, other health acquisition programs, and the Airman's Education Commissioning Program.

08067230 (A,F,N) Other Health Acquisition Programs (H);X-5-03;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: Health professionals acquisition programs conducted in DoD institutions, and Walter Reed Institute of Nursing, including other service-sponsored health professional acquisition programs when conducted at DoD institutions. Health professionals acquisition programs, or portions thereof, conducted in civilian institutions to attract health professions students into DoD health care careers. Examples of such programs are the Senior Medical Student Program, Senior Dental Student Program, and Senior Veterinary Student Program. Also includes acquisition training programs for optometrists, medical allied scientists, and other allied health professionals when conducted at DoD or civilian institutions. Students on active duty will be identified by appropriate manpower RIC's.

Excludes Armed Forces health professions scholarship program (PE 08067220); internship and residency programs and advanced professional schooling (PE 08067610); and base operations and communications.

0806761D Education and Training - Health Care (H);X-94-4;;

08067610 (A,F,N,HP) Education and Training - Health Care;X-94-4;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the conduct of specialized skill training and professional development education programs for health care personnel at:

U.S. Army Medical Department Center and School, Bureau of Medicine and Surgery sponsored schools, School of Aerospace Medicine, Brooks AFB, Texas, School of Health Care Sciences, Sheppard AFB, Texas. Also includes other formal health care training courses in DoD institutions, except health care acquisition training.

Includes such formal programs for health care personnel at civilian academic institutions, civilian medical facilities, and the facilities of non-DoD governmental agencies. The nonpersonnel costs of formal training will be funded by the service which is executive agent for the school or course. Active duty enlisted personnel undergoing initial skill training will be identified by appropriate trainee Resource Identification Codes (RIC's). Interns, residents, fellows and all other active duty military personnel undergoing training in PCS status will be identified by appropriate student RIC's.

Excludes Continuing Medical Education (CME), flying training for flight surgeons (PE 08047430); health professionals acquisition programs; pay and allowances and manpower authorization for reserve component personnel undergoing training (Program 5); and base operations and communications.

08068610 (A,F) Education and Training - Health Care - JMMC (H)X-95-2;
Includes manpower authorizations, support equipment, and the associated costs specifically identified and measurable to the conduct of specialized graduate medical education at the Joint Military Medical Command (JMMC).

Excludes flying training for flight surgeons (PE 08047430); health professionals acquisition programs; pay and allowances and manpower authorizations for reserve personnel undergoing training (Program 5); and base operations and communications.

For the San Antonio JMMC only: Excludes US Army Academy of the Health Sciences, Fort Sam Houston, Texas, and the School of Aerospace Medicine, Brooks AFB, Texas.

08077000 (A,F,N,HP) Defense Medical Centers, Station Hospitals and Medical Clinics - CONUS;X-94-4;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Resources devoted to the provision of health care in DoD-owned and operated CONUS facilities which are staffed, and equipped to provide inpatient care for both surgical and non-surgical conditions and/or outpatient care for non-hospital type patients.

Includes medical centers, station hospitals, medical clinics, subordinate aid stations, PRIMUS/NAVCARE clinics, federal sharing agreements, medical center laboratories which are integral to these facilities, alcohol abuse treatment programs conducted at these facilities, clinical investigations activities conducted at these activities, and staff support for on-the-job training and education programs conducted at these facilities.

Includes supplemental and cooperative care costs specifically identified and measurable to health care services received in a non-defense facility as a result of a referral or pre-arranged agreement for authorized beneficiaries of the military services.

Excludes resources associated with the operation of management headquarters for regional lead agents, dental clinics, tactical medical units (see appropriate elements in Programs 2 and 5) and other health care resources devoted exclusively to teaching (see appropriate elements in this program).

08077050 (A,F,N,HP) Military Public/Occupational Health;X-94-4;;

Includes Military Public Health manpower authorizations, supplies, permits, certification and licensure fees, peculiar and support equipment, and the associated costs specifically identified and measurable to: management, direction, operation, training and conduct of preventive medicine disease prevention and control, consisting of: epidemiology; medical entomology; drinking water safety; monitoring hazardous waste disposal; food and facility sanitation; wellness/health promotion and education; health surveillance; community health nursing; medical intelligence; disease and climatic illness and injury surveillance, diagnosis and control. Includes training requirements; review and preparation of program documents; site and epidemiological studies; standard setting; laboratory analysis; examination; and data evaluations related to the medical aspects of preventive medicine. Also includes preparation and readiness training of military personnel in assessment, treatment and prevention of medical threats, both general and specific, within theaters of operation.

Includes Occupational Health manpower authorizations, supplies, permits, certification and licensure fees, peculiar and support equipment, and the associated costs specifically identified and measurable to: assess workplace health hazards and risks; survey health and illness in employee population; track employee occupational exposures to physical, chemical, and biological stresses (vibration, noise, and radiation, etc.); develop preventive measures to reduce toxic and radiological exposures and health risks; recommend prevention measures; train/educate commanders, supervisors and employees to avoid risks and health hazards; train/educate commanders supervisors and employees in healthy work practices; collect and disseminate occupational illness surveillance data; investigate exposures to blood or other potentially infectious materials; perform health hazard assessment of new material and weapon systems; provide medical support to chemical, biological and nuclear surety programs; and conduct epidemiological studies in occupational diseases.

Includes resources associated with the operation of separately organized occupational health clinics providing medical care to DoD civilian employees, the Army Hygiene Agency, Navy Environmental Health Center, Navy Environmental and Preventive Medicine Units, Navy Disease Vector Ecology and Control Centers, hearing conservation programs, and Epidemiological Flights and Laboratories.

Excludes activities assigned under Environmental Compliance (0X0XX56); Veterinary Medicine; and Immunizations under Defense Medical Centers, Station Hospitals and Medical Clinics.

08077100 (A,F,N,HP) Office of the Civilian Health and Medical Program of the Uniformed Services;X-94-4;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identifiable and measurable to the following:

Resources associated with the administration of the Office of the Civilian Health and Medical Program of the Uniformed Services (OCHAMPUS) required to manage CHAMPUS world wide.

Includes all resources associated with the management of CHAMPUS benefit payments, and other CHAMPUS related programs such as the: Delta Dental Program, CHAMPUS Benefits-Europe, Managed Care-New Orleans, Fiscal Intermediary contracts, etc..

0807711H Care in Regional Defense Facilities (H);X-79-002;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Resources devoted to the provision of health care in DoD-owned and operated facilities which are staffed and equipped to provide Regional inpatient care for both surgical and non-surgical conditions and/or Regional

outpatient care for non-hospital type patients. Facilities included are:

ARMY Letterman Army Medical Center, Fitzsimons Army Medical Center, Walter Reed Army Medical Center, Dwight D. Eisenhower Army Medical Center, Tripler Army Medical Center, William Beaumont Army Medical Center, Brooke Army Medical Center, Madigan Army Medical Center NAVY Oakland Naval Regional Medical Center, San Diego Naval Regional Medical Center, Portsmouth Naval Regional Medical Center, Bethesda National Naval Medical Center AIR FORCE David Grant USAF Medical Center, Scott USAF Medical Center, Malcolm Grow USAF Medical Center, Keesler USAF Medical Center, Wright-Patterson USAF Medical Center, Wilford Hall USAF Medical Center

Also included are aeromedical staging flights, aid stations, and center medical and dental laboratories which are integral to these facilities; Army TOE medical units (including TDA augmentations) which are operating as fixed facilities in support of peacetime health care operations; alcohol and drug abuse treatment programs conducted at these facilities; clinical investigations activities conducted at these facilities; and staff support for on-the-job training and education programs conducted at these facilities.

Excludes station hospitals, medical clinics and dental clinics (see PE 08077920 (A,F,N) and PE 08077150 (A,F,N)); tactical medical units other than described above (see appropriate elements in Programs 2 and 5) and health care resources devoted exclusively to teaching (see appropriate elements in this program).

08077110 (A,D,F,N,HP) Care in Regional Defense Facilities;X-92-3;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Resources devoted to the provision of health care in DOD-owned and operated facilities which are staffed and equipped to provide Regional Inpatient care for both surgical and non-surgical conditions and/or Regional Outpatient care for non-hospital type patients. Facilities included are:

ARMY: Letterman Army Medical Center, Fitzsimons Army Medical Center, Walter Reed Army Medical Center, Dwight D. Eisenhower Army Medical Center, Tripler Army Medical Center, William Beaumont Army Medical Center, Brooke Army Medical Center, Madigan Army Medical Center.

NAVY: Oakland Naval Hospital, San Diego Naval Hospital, Portsmouth Naval Hospital, Bethesda Naval Hospital.

AIR FORCE: David Grant USAF Medical Center, Scott USAF Medical Center, Malcolm Grow USAF Medical Center, Keesler USAF Medical Center, Wright-Patterson USAF Medical Center, Wilford Hall USAF Medical Center.

Also included are aeromedical staging flights, aid stations, and center medical and dental laboratories which are integral to these facilities; Army TOE Medical units (including TDA augmentations) which are operating as fixed facilities in support of peacetime health care operations; alcohol and drug abuse treatment programs conducted at these facilities; clinical investigations activities conducted at these facilities; and staff support for on-the-job training and education programs conducted at these facilities.

Excludes station hospitals, medical clinics and dental clinics (see PE 08077920 (A,F,N) and PE 08077150 (A,F,N)); tactical medical units other than described above (see appropriate elements in Programs 2 and 5) and health care resources devoted exclusively to teaching (see appropriate elements in this program).

0807712D Civilian Health and Medical Program of the Uniformed Services (CHAMPUS) (H);X-94-4;;

08077120 (A,F,N,HP) Civilian Health and Medical Program of the Uniformed Services (CHAMPUS);X-94-4;;
Includes costs specifically for providing benefits identified in DoD 6010.8R and measurable to the following: health care authorized under the Civilian Health and Medical Program of the Uniformed Services (CHAMPUS) for retired military personnel; for spouses and dependent children of active duty, retired, or deceased military personnel in civilian facilities and by private practitioners; and costs for special education and institutional care in civilian facilities for handicapped dependents of active duty personnel covered under the Program For The Handicapped (PFTH).

Includes claims processing costs.

Excludes costs for benefit payments, operations and administrative expenses of Tricare support contracts.

Excludes manpower authorizations and all administrative costs of the executive agents (OCHAMPUS) associated with the management of CHAMPUS benefit payments. Also excludes the management costs of other CHAMPUS related programs such as the: Delta Dental Program, CHAMPUS Benefits-Europe, Managed Care-New Orleans, Fiscal Intermediary contracts, etc..

Excludes alternative use/managed care project costs expensed in the direct health care system.

0807713D Care in Non-Defense Facilities (H);X-94-4;;

08077130 (A,F,N,HP) Care in Non-Defense Facilities;X-94-4;;
Supports a centrally managed allotment which funds emergency medical care and transportation for authorized individuals and medically necessary non-emergency care for active duty personnel when government facilities are not available.

Also provides funding resources to purchase health care services from the Uniformed Services Treatment Facilities (USTFs) for eligible Uniformed Services beneficiaries enrolled in the USTF Managed Care Plan.

Excludes the cost of PRIMUS/NAVCARE clinics, Federal sharing agreements, and referrals for specialty care by military treatment facilities covered under supplemental care/cooperative care.

Excludes manpower authorizations and administrative costs, travel, training, supplies, support equipment, management contract services and associated costs of the above programs and care provided by CHAMPUS.

0807714D Other Health Activities (H);X-94-4;;

08077140 (A,F,N,HP) Other Health Activities;X-94-4;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Organizations and functions that support the provision of health care for Military Health Service System beneficiaries to include activities such as management headquarters for regional lead agents, central medical laboratories, medical service squadrons, AMEED Field Procurement Offices, the Health Services Data Systems Agency, Navy Healthcare Support Offices, public affairs, and family advocacy among others.

Excludes tactical medical units (including dental activities) other than described above; Armed Forces Institute of Pathology and Aeromedical Evacuation resources; Armed Forces Examination and Entrance Stations (see Examining Activities element); recovery, preparation, transportation, and internment of deceased military personnel; veterinary services; and functions which are integral to medical center/station hospital/clinic/dispensary operations.

Excludes activities that provide support to the unique health care mission required by virtue of the military mission and not generally analogous to services provided under a civilian health benefit plan. (See PE definition for Military Unique Requirements - Other Medical).

0807715D Dental Care Activities - CONUS (H);X-94-4;;

08077150 (A,F,N,HP) Dental Care Activities - CONUS;X-94-4;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Resources specifically identifiable and measurable to the provision of dental care and services in CONUS to authorized personnel through the operation of hospital departments of dentistry and installation dental clinics, and the operation of Regional Dental Activities.

Excludes the provision of dental services by units organic to Operating Forces units and dental units operating in an active combat zone.

0807716D Medical Facilities - Planning and Design;X-6-01;
Includes resources for planning and design for the major rehabilitation, conversion, acquisition, specified minor construction, unspecified minor construction and new construction of health care treatment facilities identified in the category code 500 series and all facility construction to support storage or prepositioning of medical assets. Includes hospitals, laboratories, dental and medical clinics, deployable and prepositioned medical facilities, and real property related to medical readiness.

Excludes base operations support facilities (e.g., BEQ, BOQ, nonmedical training facilities (e.g., Aviation Physiology Training Units) and other training and research facilities not in the category 500 series. Manpower and related costs are also excluded.

0807716HP Medical Facilities - Planning and Design;X-94-4;;
Includes resources for planning and design for the major rehabilitation, conversion, acquisition, specified construction, and unspecified minor construction of health care treatment facilities identified in the category code 500 series such as hospitals, laboratories, dental and medical clinics, and real property related to medical

readiness; Medical Science Laboratories directly related to medical research (category code 350 series); Medical Training Facilities limited to instructional and training purposes only in support of health care (category code 175 series); and all facility construction to support storage of deployable and prepositioned War Reserve Material medical assets.

Excludes base operations support facilities not in support of health care. Manpower and related costs are also excluded.

0807717D Medical Facilities - Military Construction;X-6-01;
Includes major rehabilitation, conversion, acquisition, specified minor construction, unspecified minor construction, and new construction of health care treatment facilities identified in the category code 500 series and all facility construction to support storage or prepositioning of medical assets. Includes hospitals laboratories, dental and medical clinics, deployable and prepositioned medical facilities, and real property related to medical readiness.

Excludes base operations support facilities (e.g., BEQ, BOQ, nonmedical training facilities (e.g., Aviation Physiology Training Units) and other training and research facilities not in the category 500 series. Manpower and related costs are also excluded.

0807717HP Medical Facilities - Military Construction;X-94-4;;
Includes major rehabilitation, conversion, acquisition, specified construction and unspecified minor construction of health care treatment facilities identified in the category code 500 series such as hospitals laboratories, dental and medical clinics, and real property related to medical readiness; Medical Sciences Laboratories directly related to medical research (category code 350 series); Medical Training Facilities limited to instructional and training purposes only in support of health care (category code 175 series); and all facility construction to support storage of deployable and prepositioned War Reserve Material medical assets.

Excludes base operations support facilities not in support of health care. Manpower and related costs are als o excluded.

08077200 (A,F,N,HP,W) Other Procurement, Construction/Initial Outfitting ;X-95-2;
Funds procurement of investment equipment items within the Defense Health Program in support of medical military construction projects. This includes initial outfitting investment equipment for medical construction of projects supporting health care delivery (including dental care), health care training, and other health activities within the Army, Navy, Air Force and the Defense Field Activities (e.g., Defense Medical Programs Activity, Office of CHAMPUS, and Uniformed Services University of the Health Sciences).

08077210 (A,F,N,HP,W) Other Procurement, Replacement/Modernization;X-94-4;;
Funds procurement of investment equipment for recurring replacement, modernization, new requirements, and developmental items within the Defense Health Program. This includes procurement of investment equipment in support of health care delivery (including dental care), health care information systems, training, and other health activities within the Army, Navy, Air Force and the Defense Field Activities (e.g., Defense Medical Program Activity, Office of CHAMPUS, and Uniformed Services University of the Health Sciences).

08077230 (A,F,N,HP) Health Care Support Contracts;X-94-4;;
Includes costs specifically for providing benefits identified in DoD 6010.8R and measurable to the following for areas serviced by Tricare support contracts: health care authorized under the Civilian Health and Medical Program of the Uniformed Services (CHAMPUS) for retired military personnel; for spouses and dependent children of active duty, retired, or deceased military personnel in civilian facilities and by private practitioners; and costs for special education and institutional care in civilian facilities for handicapped dependents of active duty personnel covered under the Program For The Handicapped (PFTH).

Includes dental services provided on a contractual basis (i.e.. Delta Dental Program).

Excludes manpower authorizations and all administrative costs of the executive agents (OCHAMPUS) associated with the management of CHAMPUS benefit payments. Also excludes the management costs of other CHAMPUS related programs such as the: Delta Dental Program, Managed Care-New Orleans, Fiscal Intermediary contracts, etc..

Excludes alternative use/managed care project costs expensed in the direct health care system.

08077240 (A,F,N,HP) Military Unique Requirements - Other Medical - Health Care;X-94-4;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Military medical unique functions and activities that have a relationship to the size of the military population supported and are not included in any other program elements.

Includes, but not limited to, resources to fund activities such as: Physiological Training Units, the Defense Medical Standardization Board, Drug Abuse Detection Labs (except those funded by direct transfer from the OSD Drug Interdiction and Counter-Drug Activities Account in PE 08087890), Military Blood Program Agency, Optical Repair and Fabrication Laboratories, the Air Force's Armstrong Laboratory, Health Facilities Offices, Medical Logistics Offices, Medical Support Offices, Medical Wartime Hospital Integration Office; Army Medical Material Activities, Plans Operations and Training, Walter Reed Army Institute of Research; and the Navy Medical Logistics Command.

Excludes functions and activities included in the definition for "Other Health Activities," PE 08077140.

08077250 (A,F,N,HP) Aeromedical Evacuation System - Health Care;X-94-4;;
Includes manpower authorizations, peculiar and support equipment, and the associated costs specifically identified and measurable to the Aeromedical Evacuation (AE) system and incurred by the Joint Medical Regulating Office (JMRO), Armed Services Medical Regulating Office (ASMRO), Aeromedical Evaluation Control Center, Tanker Airlift Control Center, AE Squadrons, AE Detachments, and Aeromedical Staging Facilities. The AE system operates as two major systems: (1) the domestic/intratheater system operating the C-9A aircraft; and (2) the international/intertheater system utilizing DBOF-T airlift transportation aircraft. The domestic/intratheater system includes C-9A aircraft authorization/inventory, mission and training flying hours program, AVPOL, simulator training, contract logistics support (CLS), depot maintenance, Automated Patient Evacuation System (APES), and the Defense Medical Regulating Information System (DMRIS). The international/intertheater system includes cost of DBOF-T airlift transportation flying hours, opportune seat movements, and air reserve component medical crew TDY.

Excludes AE missions that are not validated by the Theater Regulating Office (CONUS and OCONUS), real property maintenance, patient TDY cost, and air reserve component AE Operations.

08077530 (A,F,HP,M,N) Environmental Conservation - Health Care;X-94-6;;
Conservation includes any action specifically required to protect or enhance natural and cultural resources, preserve access to improved and unimproved training areas, and make necessary repairs to minimize erosion and otherwise rehabilitate DoD lands and waters. This includes complying with federal, state and local codes such as the National Historic Preservation Act, Archaeological Resources Protection Act, Native American Graves Protection and Repatriation Act, Endangered Species Act, Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), and the Sikes Act.

Funds all costs associated with direct support of conservation activities, including:

A. Studies and surveys to identify, inventory, and manage existing natural and cultural resources and evaluation of the resources so identified and inventoried;
B. Management costs, including workyears devoted to natural and cultural activities and preparing natural and cultural resource management plans;
C. Permits for use of natural and cultural resources;
D. Certification of innovative technology for DoD applications;
E. Design, construction, maintenance or repair costs specifically required to restore, improve or maintain natural or cultural resources;
F. Supplies and equipment required to carry out applicable natural and cultural resources management activities;
G. Appropriated funds attributable to fish, wildlife, agricultural outleasing and timber management activities.

Excludes:

A. Base Closure costs associated with these programs;
B. Normal maintenance required for appearance, including landscaping;
C. NEPA costs associated with facilities or weapons systems which are included in facility or weapon system costs;
D. Activities funded in the Defense Business Operations Fund (DBOF), which are charged to the appropriate DBOF program elements.

08077540 (A,F,HP,M,N) Pollution Prevention - Health Care;X-94-6;;
Pollution prevention is any action that is designed to reduce or eliminate (rather than control or treat) the future impact that an operation may have on the environment (including impacts to the air, surface and ground waters, vegetation and soils) through the source reduction of pollutants, more efficient use of natural resources, recycling, and/or reduced emissions of toxic and other undesirable materials or wastes to the environment.

Funds all costs associated with pollution prevention, including:

A. Certification of innovative technology for DoD applications;
B. Any laws, Executive Orders, or DoD policies that apply specifically to pollution prevention efforts;
C. Initial acquisition of environmentally acceptable replacements for hazardous materials required to comply with pollution prevention standards; (excludes normal replacement of hazardous material with less hazardous materials);
D. Installation level pollution prevention plans, assessments, equipment, and projects;
E. Review and modification of standardized documents for the sole purpose of eliminating or reducing the use of toxic chemicals and/or hazardous materials;
F. Cost of personnel and office operations directly involved with pollution prevention programs (including recycling programs);
G. Any facilities construction costs or maintenance costs primarily required to meet pollution prevention goals;

Excluding:

A. Research and development efforts associated with pollution prevention, which are covered under specific R&D program elements;
B. Normal infrastructure maintenance and repair to keep a system in good working order or system replacement as part of normal replacement cycles;
C. Activities funded in the Defense Business Operations Fund (DBOF), which are charged to the appropriate DBOF program elements;
D. Activities funded as part of a larger system acquisition program, which should be separately identified through cost accounting codes under the main system acquisition program element. For example, pollution prevention efforts included in the design of a new weapon system would be under the PE of the weapon system;
E. Base closure costs associated with these programs;
F. Activities funded within Family Housing program elements.

0807756D Environmental Compliance - Health Care (H);X-94-6;;

08077560 (A,F,N,HP) Environmental Compliance - Health Care;X-94-6;;
Environmental Compliance includes actions to achieve and maintain full and sustained compliance with federal, state, and local environmental laws and regulations, Executive Orders, host nation regulations and DoD policies. Applies to workyears, training, travel, supplies, permits, fees, support equipment, service, and facilities (if the primary purpose is to comply with environmental standards) and the associated costs specifically identified and measurable to environmental compliance.

Funds all costs related to environmental compliance, including:

A. Recurring costs of environmental program management, daily operations and services, permits, fees, certifications, studies, and licenses; civilian workyears; education and training of environmental programs; hazardous waste management and disposal; sampling, analysis, monitoring and surveys; supplies, equipment, and travel.
B. Nonrecurring costs of projects/services required to bring DoD into compliance with environmental standards or comply with a notice of violation (Class I); to prevent DoD from failing to meet impending environmental standards (Class II); or to enhance the environment beyond legal requirements (Class III);
C. Pest management programs to meet FIFRA standards for pest management and pesticide storage, handling or use standards;
D. Overseas cleanup, as well as overseas compliance, efforts;
E. Certification of innovative technology for DoD applications;
F. Health risk assessments of environmental pollution hazards; and
G. Medical oversight of environmental compliance monitoring activities.

Excluding:

A. Efforts funded under Defense Environmental Restoration Account, Conservation, Pollution Prevention, BRAC or Occupational Health and Safety auspices;
B. Research and Development efforts associated with compliance, which are covered under specific R&D program elements;
C. Normal maintenance and repair to keep systems in working order, system replacement as part of normal replacement cycle; and normal installation operations (i.e. solid waste disposal including tipping fees, landfill operations, etc.); normal wastewater treatment plants, both domestic and industrial, which are appropriately included in base operations;
D. Upgrade/alteration of an industrial process undertaken for other than environmental purposes;
E. Environmental certification/licenses funded separately from mandatory requirements and training;
F. Routine pest control applications required to preserve structural integrity, properly charged to RPM and health applications, such as, mosquito control.

08077600 (A,F,N,HP) Veterinary Services;X-94-4;;
Includes manpower authorizations, peculiar and support equipment, and the associated costs specifically identified and measurable to management, direction and operation of the worldwide DoD veterinary mission, as well as the veterinary mission of other specified federal agencies, to include: provision of veterinary care of government owned animals; provision of selected veterinary services with the goal of enhancing the health of both human and animal communities; management, performance and support of investigative procedures involving animals in clinical investigation departments at medical treatment facilities; control of zoonotic and other veterinary public health

diseases or conditions in the military community; assurance of safe, wholesome and quality food at wholesale level to include laboratory examination and testing; responsiveness of veterinary service requirements to all DoD components in both peacetime and contingency operations; support of integrated national assistance programs; professional support of specialty training programs such as laboratory animal medicine and pathology, and support of training programs such as laboratory animal medicine and pathology, and support of training programs involving animal models; provision of veterinarians in specialty areas to other government agencies; monitoring applicable government contracts for compliance; assurance of humane treatment, care, use and handling of animals; accomplishment of regulatory and Congressional animal use requirements; and conduct of applicable animal diagnostic services.

Excludes: Food inspections at on-base Air Force activities and their potential wartime functions as well as non-applicable military food service sanitation functions.

08077760 (A,F,N,HP) Minor Construction - CONUS - Health Care;X-94-4;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated cost specifically identified and measurable to the following:

All CONUS construction costing less than the statutory maximum amount for a Minor Military Construction project as established by section 2805 of title 10 U.S.C. in support of medical facilities and installations with a primary mission of health care.

Excludes Army and Air Force contingency hospitals, Navy fleet hospitals, and Navy fleet hospital storage facilities.

08077780 (A,F,N,HP) Maintenance and Repair - CONUS - Health Care;X-94-4;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated cost specifically identified and measurable to the following:

Maintenance and repair of CONUS real property, i.e. buildings, other facilities, pavements (roads, parking areas, helipads, etc.), land, and grounds. Includes, but not limited to, such things as repair of electrical circuitry, heating and air conditioning, water piping, and routine maintenance work such as caulking, painting, etc., in support of medical facilities and installations with a primary mission of health care.

Excludes Army and Air Force contingency hospitals, Navy fleet hospitals, and Navy fleet hospital storage facilities.

08077790 (A, F, N, HP) Real Property Services (RPS) - CONUS - Health Care;X-94-7;;
Operation of Utilities and Engineer Support for the Defense Health Program in CONUS.

Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs of utility plant operations, purchased utilities, air conditioning and refrigeration, utility fuels, fire protection, crash rescue, snow removal and ice alleviation, entomological services, window glass replacement, elevator maintenance/inspection, custodial services, refuse collection and disposal, sewer and waste systems, rental of real property, facility engineering and public works management, other installation engineering services and other annual service requirements performed in-house or by contract.

08077850 (A,F,N,HP) Armed Forces Institute of Pathology (AFIP);X-94-4;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identifiable and measurable to the following:

Includes operation and maintenance of the AFIP (UIC W2DLAA) as authorized under DoD Directive 5154.24. Includes expenses incurred in the conduct of the AFIP's assigned missions: serves as chief reviewing authority on the diagnosis of pathologic tissue for the Armed Services; conducts experimental, statistical and morphological research and investigation in the field of pathology; operates the Armed Forces Medical Examiner System; operates the National Museum of Health and Medicine; maintains a Medical Illustration Service; administers the drug testing quality control and proficiency testing programs for the DoD; administers implementation of the DoD Clinical Laboratory Improvement Program; operates the DoD DNA Registry.

Resources in this PE are strictly for support of DoD assigned missions and will not be commingled with other resources.

08077890 (A,D,HP,F,N) Drug Abuse Treatment Activities within OSD Counternarcotics Prog;X-92-3;
Includes civilian manpower authorizations and applicable costs for all years of the Defense Budget and Program. This program element is for use by Service activities in execution of costs related to CINC counternarcotics programs funded by transfer appropriation from DOD Counternarcotics Funds Account. Activities funded in this program element will only be those approved by the Secretary of Defense and supported by transfer appropriation.

Excludes special operations activities in Major Program 11. Includes civilian and military manpower. Includes support for LEA under Section 1212 or 1004 of the Defense Appropriations Act. Excludes reimbursement or military assistance under Section 506a of the Military Assistance Act of 1961.

08077900 (A,D,HP,F,N) Visual Information Activities-Medical;X-92-3;
Funds Visual Information programs, consisting of the following subsets: Visual information (VI) productions and services and VI support.

Includes manpower authorizations and costs, travel, contractual services, procurement of supplies and materials, expense equipment, necessary facilities and the associated costs specifically identified, separable into "in-house" and "contract" portions, and measurable to the following medical functions, as appropriate:

o VI Productions and Services. Produce or acquire VI productions (i.e., slide and slide-sound sets, film strips, multi-media, video disc, audio productions, combination media), and motion media with sound. Includes resources for scripting, preproduction, production, postproduction, libraries, duplication, distribution, production project management, and other related and associated services.

o VI Support. Provide VI operational (combat and technical) documentation, still and motion picture photography, video, audio, radio and television closed circuit and broadcasting (not Armed Forces Radio and Television Service (AFRTS)) services, graphic art, VI records centers, VI records holding facilities, presentation support, repair and maintenance, video teleconferencing terminals, related and associated services, and their supervision.

o Joint Visual Information Services (JVIS). Resources to operate and maintain JVIS production, depository, and

distribution activities assigned by OASD(PA), as a joint mission for DoD.

Excludes VI management at command and component headquarters and OSD. Excludes technical documentation support not available from base VI services, integral to the mission of organizations supported, and identified in other program elements. VI equipment integral to technical documentation functions is also excluded. It does not include VI activities with discrete program elements such as: Armed Forces Radio and Television Service.

0807791D Defense Medical Programs Activity (H);X-94-4;;

08077910 (A,F,N,HP) Defense Medical Programs Activity;X-94-4;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Resources devoted to the operation of the Defense Medical Programs Activity (DMPA) and that portion of the DMPA program which is centrally funded. The mission of the DMPA program, as stated in DoD Directive 5136.11, is to:

Improve the effectiveness and economy of health care delivery administered by the Military Departments, through the application of standardized automatic data processing (ADP) techniques to health care information systems.

Centralize and coordinate the application of existing technology and the development of standardized automated systems designed to meet Tri-service functional requirements in the medical area.

Develop, maintain and oversee the design, enhancement, operation, procurement, and management of information systems and related communications and automated systems in support of the activities for he DoD Military Health Services System (MHSS).

Manage the DoD-wide automated MHSS information systems.

Excludes procurement and operational costs subsequent to prototype installation and test. Such costs will be the responsibility of the Military Departments.

Develop, maintain, and provide guidance for medical facility military construction projects (to include initial construction, replacement, modification, modernization, and supporting facilities) throughout DoD to meet the wartime and peacetime mission of the MHSS.

Oversees and maintains DoD Unified Medical Program resources for all medical activities.

08077920 (A,D,HP,F,N) Station Hospitals and Medical Clinics;X-92-3;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Resources devoted to the provision of health care in DoD-owned and operated facilities which are staffed and equipped to provide local inpatient care for both surgical and non-surgical conditions and/or local outpatient care for non-hospital type patients.

Facilities included are: Station hospitals and clinics (excluding dental clinics).

Excludes Regional Defense Facilities as specified in PE 08077110; tactical medical units and health care resources devoted exclusively to teaching.

0807794A Real Property Maintenance - Health Care (H);X-93-2;;
Includes manpower authorizations, peculiar and support equipment, specifically identified and measurable to the following:

Real property maintenance at fixed telecommunications installations. Maintenance and Repair of all real property, utilities systems, buildings, other facilities, pavements (roads, parking areas, etc.), land (grounds), Minor construction (with other than military construction funds).

Includes all resources in functional categories 9, 10, 11 and 12 as defined in DoD Instruction 7220.20. Also includes all resources (except manpower and military pay) used by groups/units assigned to specific BOS tasks on an ad hoc basis such as Army engineer units assigned to repair/construct facilities, roads, parking areas, etc., even if the work is classified as A military unit training project.

Excludes costs of maintaining family housing. See PE 08087460, Family Housing Maintenance. Excludes Environmental Compliance (separate PEs).

08077940 (A,F,N) Real Property Maintenance - Health Care (H);X-93-2;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Real property maintenance at medical centers and other installations with a primary mission of health care.

Maintenance and repair of all real property -utilities, -buildings, -other facilities, -pavements (roads, parking areas, etc.), -land (grounds)

Minor construction (with other than military construction funds).

Operation of utilities for all real property.

Other engineering support. -fire protection, -custodial services. -entomology services, -refuse collection and disposal, -snow removal and ice alleviation, -rental of real property, excluding payments to GSA, -other installation engineering services

Includes all resources in functional categories 9, 10, 11, and 12 as defined in DoD Instruction 7220.20. Also includes all resources (except manpower and military pay) used by groups/units assigned to specific BOS tasks on an ad hoc basis such as Army engineer/Red Horse/Naval Construction Force units assigned to repair/construct facilities, roads, parking areas, etc., even if the work is classified as a military unit training project.

Excludes costs of maintaining family housing. See P.E. 08087460, Family Housing Maintenance: Custodial care in hospitals, for Army only. See P.E. 08077920.

0807795D Base Communications - CONUS - Health Care (H);X-94-4;;

08077950 (A,F,N,HP) Base Communications - CONUS - Health Care;X-94-4;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified in CONUS and measurable to the following:

Army: Base communications resources in support of Army medical activities. Includes non-tactical, non-DCS base (post, camp and station) communications facilities, and equipment systems which provide local communications worldwide to installations/activities.

Navy: Base-level communications for Navy health care facilities to include base telephones, industrial security networks, crash networks, and paging networks.

Air Force: Base-level communications support for USAF hospitals and clinics to include base telephone systems (PBX or PABX), intrabase radio systems, wire communications services, official tolls, TWX usage and commercial refiles, Class B tolls and charges, other base-level commercial communications requirements, and CCTV systems.

Excludes DCS switched network support (PE 0303112F and PE 03031260); DCS long- haul telecommunications systems and circuits; and AFCS base telecommunication center operating and maintenance personnel (PE 0303112F).

0807796D Base Operations - CONUS - Health Care (BASOPS) (H);X-94-4;;

08077960 (A,F,N,HP) Base Operations - CONUS - Health Care (BASOPS);X-94-4;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following functional categories of effort at CONUS medical and dental facilities, Medical Centers, medical support activities, and medical installations.

Administration: Installation Headquarters Administration and Command (including squadron level responsible for Base Operations), Installation Comptroller services, Installation ADP services, Installation Information Activities, Installation Legal Activities, Installation Civilian Personnel Administration, Installation Military Personnel Administration, Installation Printing and Reproduction, Installation Safety, Installation Management Analysis/Management Engineering.

Retail Supply Operations: Installation Supply Activities, Installation Procurement Operations, Installation Storage Activities.

Maintenance of Installation Equipment (includes maintenance of administrative aircraft, vehicles and equipment but excludes maintenance of tactical equipment, combat vehicles and mission aircraft.)

Other Base Services: Installation Transportation Activities; Installation Training (excludes troop training and tactical exercises), Installation Physical Security and Police Activities, Laundry and Dry Cleaning (for troop support and other appropriated fund activities).

Bachelor Housing Operations and Furnishings (management, housing assignment, care of quarters, provisions, care, preservation and maintenance of furnishing, etc.). Other Personnel Support: Installation Food Service, Social Actions, Community Services, Chaplains, Bands (excluding The Army Band and Division Bands), Morale, Welfare and

Recreation.

Excludes the following functional categories which are part of the standard definition of Base Operations Support, but are reported under separate PEs: Maintenance and Repair of Real Property, Real Property Services, Minor Construction, Base Communications, Commissary Operations: Retail and Troop Issue, Family Housing, and Contingency Hospitals.

0807798D Management Headquarters - Health Care (H);X-94-4;;

08077980 (A,N,HP) Management Headquarters - Health Care;X-94-4;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Army: U.S. Army Medical Command (MEDCOM) Headquarters; Medical Material Agency.

Navy: Bureau of Medicine and Surgery.

Defense Agencies: Defense Medical Facilities Office (DMFO), which is a component of the Defense Medical Programs Activity.

Excludes non-management headquarters resources (refer DoDD 5100.73).

0807811F Care in Regional Defense Facilities - JMMC;X-7-08;
Includes manpower authorizations, medical and support equipment, necessary facilities and the associated costs specifically identified and measurable to the Joint Military Medical Command.

Resources devoted to the provision of health care in DoD-owned and operated facilities which are staffed and equipped to provide regional inpatient care for both surgical and nonsurgical conditions and/or regional outpatient care for nonhospital type patients.

Also included are aid stations, and medical center laboratories which are integral to these facilities; alcohol and drug abuse treatment programs conducted at these facilities; clinical investigations activities conducted at these facilities; staff support for on-the-job training and education programs conducted at these facilities.

For the San Antonio JMMC only: This includes Brooke Army Medical Center and Wilford Hall USAF Medical Center of the San Antonio JMMC.

Excludes station hospitals, medical clinics, and dental clinics (see PE 0807892F and 0807815F); tactical medical units other than described above (see appropriate elements in Programs 2 and 5) and health care resources devoted exclusively to teaching (see appropriate elements in this program).

0807813F Care in Non-Defense Facilities - JMMC (H);X-95-2;
Includes costs specifically identified and measurable to the Joint Military Medical Command (JMMC); providing

health care for authorized beneficiaries of the military services and government-owned animals, in non-Defense federal facilities, in civilian facilities, and by private practitioners. Non-Defense federal faclilities include Canal Zone government hospitals, civilian operated uniform services medical treatment facilities, and Veterans Administration hospitals.

Excludes manpower authorizations and administrative costs of the above programs and care provided by CHAMPUS.

0807814F Other Health Activities - JMMC (H);X-95-2;
Includes manpower authorizations, support equipment, necessary facilities, and the associated costs specificaly identified and measurable to the following activities of the Joint Military Medical Command (JMMC): environmental health activities, bioenvironmental engineering services, occupational medicine services, military working dog support, clinical investigation facilities, and aeromedical staging facilities.

For the San Antonio JMMC only: Excludes veterinary activities and the Optical Fabricationn Laboratory at Fort Sam Houston and the environmental health activities, bioenvironmental engineering services, and occupational medicine services at the San Antonio Air Logistics Center.

0807815F Dental Care Activities - JMMC (H);X-95-2;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Provision of dental care and services to authorized personnel through the operation of hospital departments of dentistry and installation dental clinics and the operation of regional dental activities.

For the San Antonio JMMC only: Excludes the Army Area Dental Laboratory, Fort Sam Houston, Texas.

0807876F Minor Construction (RPM) - Health Care - JMMC;X-91-3;;
Includes manpower authorizations, peculiar and support equipment, necessary faclities and the associated cost specifically identified and measurable to the following:

All construction costing less than the statutory maximum amount for a Minor Military Construction project as established by section 2805 of title 10 U.S.C.in support of the Joint Military Medical Command.

0807878F Maintenance and Repair (RPM) - Health Care - JMMC;X-91-3;;
Includes manpower authorizations, peculiar and support equipment, necessary faclities and the associated cost specifically identified and measurable to the following:

Maintenance and repair of real property, i.e., utilities, buildings, other facilities, pavements, (roads, parking areas, runways, etc.), land, and grounds. Includes, but not limited to, such things as repair of electrical circuitry, heating and air conditioning, water piping, and routine maintenance work such as caulking, painting, etc. in support of Joint Military Medical Command.

0807890F Visual Information Activities-Medical - JMMC (H);X-95-2;

Funds visual information programs, in support of the Joint Military Medical Command (JMMC), consisting of the following subsets: Visual Information (VI) productions and services and VI support.

Includes manpower authorizations and costs, travel, contractual services, procurement of supplies and materials, expense equipment, necessary facilities and the associated costs specifically identified, separable into "in-house" and "contract" portions, and measurable to the following medical functions, as appropriate:

o VI Productions and Services. Produce or acquire VI productions (i.e., slide and slide-sound sets, film strips, multi-media, video disc, audio productions, combination media), and motion media with sound. Includes resources for scripting, preproduction, production, postproduction, libraries, duplication, distribution, production project management, and other related and associated services.

o VI Support. Provide VI operational (combat and technical) documentation, still and motion picture photography, video, audio, radio and television closed circuit and broadcasting (not Armed Forces Radio and Television Service (AFRTS)) services, graphic art, VI records centers, VI records holding facilities, presentation support, repair and maintenance, video teleconferencing terminals, related and associated services, and their supervision.

o Joint Visual Information Services (JVIS). Resources to operate and maintain JVIS production, depository, and distribution activities assigned by OASD(PA), as a joint mission for DoD.

Excludes VI management at command and component headquarters and OSD. Excludes technical documentation support not available from base VI services, integral to the mission of organizations supported, and identified in other program elements. VI equipment integral to technical documentation functions is also excluded. It does not include VI activities with discrete program elements such as: Armed Forces Radio and Television Service.

0807892F Station Hospitals and Medical Clinics - JMMC;X-7-08;

Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Resources devoted to the provision of health care in DoD-owned and operated facilities which are staffed and equipped to provide local inpatient care for both surgical and nonsurgical conditions and/or local outpatient care for nonhospital type patients.

Facilities included are: Station hospitals and clinics (excluding dental clinics).

For the San Antonio JMMC only: Includes the Brooks AFB, Randolph AFB, and Kelly AFB clinics; and excludes the occupational/industrial health programs at the San Antonio Air Logistics Center.

Excludes Regional Defense Facilities as specified in PE 08077110; tactical medical units and health care resources devoted exclusively to teaching.

0807894F Real Property Maintenance - Health Care - JMMC (H);X-93-2;;

Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following at the Joint Military Medical Command:

Real property maintenance at medical centers and other installations with a primary mission of health care.

Maintenance and repair of all real property -utilities, -buildings, -other facilities, -pavements (roads, parking areas, etc.), -land (grounds)

Minor construction (with other than military construction funds).

Operation of utilities for all real property.

Other engineering support. -fire protection, -custodial services. -entomology services, -refuse collection and disposal, -snow removal and ice alleviation, -rental of real property, excluding payments to GSA, -other installation engineering services

Includes all resources in functional categories 9, 10, 11, and 12 as defined in DoD Instruction 7220.20. Also includes all resources (except manpower and military pay) used by groups/units assigned to specific BOS tasks on an ad hoc basis such as Army engineer/Red Horse/Naval Construction Force units assigned to repair/construct facilities, roads, parking areas, etc., even if the work is classified as a military unit training project.

Excludes costs of maintaining family housing, see PE 08087460 - Family Housing Maintenance.

0807895F Base Communications - Health Care - JMMC (H);X-94-1;
Includes support equipment, necessary facilities, and the associated cost specifically identified and measurable to the Joint Military Medical Command:

Base level communications support for hospitals and clinics to include base telephone systems (PBX or PABX), intrabase radio systems, wire communications services, official tolls, TWX usage and commercial refiles, Class B tolls and charges, other base-level commercial communications requirements, and CCTV systems.

Excludes DCS switched network support (PE 0303112F and PE 03031260; DCS long-haul telecommunications systems and circuits; and AFCS base telecommunications center operating and maintenance personnel (PE 0303112F).

0807896F Base Operations - Health Care - JMMC;X-91-3;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following at the Joint Military Medical Command:

Operation of utilities for all real property.

Other engineering support. -fire protection, -custodial services. -entomology services, -refuse collection and disposal, -snow removal and ice alleviation, -rental of real property, excluding payments to GSA, other installation engineering services

Excludes costs of maintaining family housing, see PE 08087460 - Family Housing Maintenance.

08079000 (A,F,N,HP) Defense Medical Centers, Station Hospitals and Medical Clinics - OCONUS;X-94-4;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Resources devoted to the provision of health care in DoD-owned and operated OCONUS facilities which are staffed, and equipped to provide inpatient care for both surgical and non-surgical conditions and/or outpatient care for non-hospital type patients.

Includes medical centers, station hospitals, medical clinics, subordinate aid stations, federal sharing agreements, medical center laboratories which are integral to these facilities, alcohol abuse treatment programs conducted at these facilities, clinical investigations activities conducted at these activities, and staff support for on-the- job training and education programs conducted at these facilities.

Includes supplemental and cooperative care costs specifically identified and measurable to health care services received in a non-defense facility as a result of a referral or pre-arranged agreement for authorized beneficiaries of the military services.

Excludes resources for dental clinics, tactical medical units (see appropriate elements in Programs 2 and 5) and other health care resources devoted exclusively to teaching (see appropriate elements in this program).

08079150 (A,F,N,HP) Dental Care Activities - OCONUS;X-94-4;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Resources specifically identifiable and measurable to the provision of dental care and services in OCONUS to authorized personnel through the operation of hospital departments of dentistry and installation dental clinics, and the operation of Regional Dental Activities.

Excludes the provision of dental services by units organic to Operating Forces units and dental units operating in an active combat zone.

08079760 (A,F,N,HP) Minor Construction - OCONUS - Health Care;X-94-4;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated cost specifically identified and measurable to the following:

All OCONUS construction costing less than the statutory maximum amount for a Minor Military Construction project as established by section 2805 of title 10 U.S.C. in support of medical facilities and installations with a primary mission of health care.

Excludes Army and Air Force contingency hospitals, Navy fleet hospitals, and Navy fleet hospital storage facilities.

08079780 (A,F,N,HP) Maintenance and Repair - OCONUS - Health Care;X-94-4;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated cost specifically identified and measurable to the following:

Maintenance and repair of OCONUS real property, i.e. buildings, other facilities, pavements (roads, parking areas, helipads, etc.), land, and grounds. Includes, but not limited to, such things as repair of electrical circuitry, heating and air conditioning, water piping, and routine maintenance work such as caulking, painting,

etc. in support of medical facilities and installations with a primary mission of health care.

Excludes Army and Air Force contingency hospitals, Navy fleet hospitals, and Navy fleet hospital storage facilities.

08079790 (A, F, N, HP) Real Property Services - OCONUS - Health Care;X-94-7;;
Operation of Utilities and Engineer Support for the Defense Health Program in OCONUS.

Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs of utility plant operations, purchased utilities, air conditioning and refrigeration, utility fuels, fire protection, crash rescue, snow removal and ice alleviation, entomological services, window glass replacement, elevator maintenance/inspection, custodial services, refuse collection and disposal, sewer and waste systems, rental of real property, facility engineering and public works management, other installation engineering services and other annual service requirements performed in-house or by contract.

08079950 (A,F,N,HP) Base Communications - OCONUS - Health Care;X-94-4;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified in OCONUS and measurable to the following:

Army: Base communications resources in support of Army medical activities. Includes non-tactical, non-DCS base (post, camp and station) communications facilities, and equipment systems which provide local communications worldwide to installations/activities.

Navy: Base-level communications for Navy health care facilities to include base telephones, industrial security networks, crash networks, and paging networks.

Air Force: Base-level communications support for USAF hospitals and clinics to include base telephone systems (PBX or PABX), intrabase radio systems, wire communications services, official tolls, TWX usage and commercial refiles, Class B tolls and charges, other base-level commercial communications requirements, and CCTV systems.

Excludes DCS switched network support (PE 0303112F and PE 03031260); DCS long- haul telecommunications systems and circuits; and AFCS base telecommunication center operating and maintenance personnel (PE 0303112F).

08079960 (A,F,N,HP) Base Operations - OCONUS - Health Care (BASOPS);X-94-4;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following functional categories of effort at OCONUS medical and dental facilities, Medical Centers, medical support activities, and medical installations.

Administration: Installation Headquarters Administration and Command (including squadron level responsible for Base Operations), Installation Comptroller services, Installation ADP services, Installation Information Activities, Installation Legal Activities, Installation Civilian Personnel Administration, Installation Military Personnel Administration, Installation Printing and Reproduction, Installation Safety, Installation Management Analysis/Management Engineering.

Retail Supply Operations: Installation Supply Activities, Installation Procurement Operations, Installation

Storage Activities.

Maintenance of Installation Equipment (includes maintenance of administrative aircraft, vehicles and equipment but excludes maintenance of tactical equipment, combat vehicles and mission aircraft.)

Other Base Services: Installation Transportation Activities; Installation Training (excludes troop training and tactical exercises), Installation Physical Security and Police Activities, Laundry and Dry Cleaning (for troop support and other appropriated fund activities).

Bachelor Housing Operations and Furnishings (management, housing assignment, care of quarters, provisions, care, preservation and maintenance of furnishing, etc.). Other Personnel Support: Installation Food Service, Social Actions, Community Services, Chaplains, Bands (excluding The Army Band and Division Bands), Morale, Welfare and Recreation.

Excludes the following functional categories which are part of the standard definition of Base Operations Support, but are reported under separate PEs: Maintenance and Repair of Real Property, Real Property Services, Minor Construction, Base Communications, Commissary Operations: Retail and Troop Issue, Family Housing, and Contingency Hospitals.

0808610A Information Management-Automation-Program 8;X-9-04;
Includes civilian and military manpower authorizations and related costs as applicable. Provides resources for staff supervision at major command (MACOM) and installation levels of information management activities; includes all costs associated with mission-related data processing, to include personnel, supplies, equipment, design costs, analysis, programming, and operations and maintenance expenses.

Excludes manpower and related costs of Automation Acquisition management and support (PEO/PM life cycle management costs), central software design, and operation of Life Cycle Software Support Centers (see specific PEs for these costs and definitions).

0808612A Information Management - Program 8 Personnel;X-92-3;;
Includes civilian and military authorizations and associated costs specifically identified and measurable to the following: staff supervision of management information activities at major command (MACOM) and installation levels; all costs associated with mission-related data processing, to include supplies, equipment, design costs, analysis, programing and operation and maintenance. This program element is effective beginning in fiscal year 1992.

Excludes manpower and related costs of Automation Acquisition management and support (PEO/PM life cycle management costs), central software design, and operation of Life Cycle Software Support Centers (see specific PE for these costs and definitions.

0808615A Automated Acquisition Mgt & Spt - Project Mgrs- P8 Personnel;X-92-3;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and related costs specifically identified and measurable to the following: Operation of Army Acquisition Executive chartered Program Executive Officer/Program Manager offices and other Army chartered Project managers for automated information systems developed and fielded under the DOD 7920 Life Cycle Management directives. Includes salary and expense

costs for the life cycle of the system.

Excludes the costs of development, fielding or operation of the hardware and software associated with these systems. Excludes Program Executive Officer/Program Manager costs for systems developed under guidelines of the DOD 5000 acquisition management series of directives.

0808616A Information Management - Central Software Design - P8 Personnel;X-92-3;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and related costs specifically identified and measurable to the following: operation of an organization, or segments thereof, which is responsible for designing, coding, testing, documenting, and subsequently maintaining and modifying executive or application software for MACOM- or Army-wide use. Includes technical assistance, field assistance to users, quality assurance and library functions when these functions are performed in support of a central software design activity. Also includes resources for contractor designed and developed software.

Excludes costs attributable to software design for systems being fielded under the DOD 5000 series of acquisition directives.

0808619A Non-system Specific Life Cycle Software Support Centers-Program 8;X-9-04;
Includes manpower authorizations, peculiar and support equipment, necessary facilities, and the associated costs specifically identified and measurable to the following:

All Life Cycle Software Support Center's costs related to general management, clerical, contract management, configuration management in-house systems operations/maintenance, personnel/administration, fiscal management, general software programs and planning management, productivity technology, generic system and environment support, facilities management and supplies. The acquisition and operation of computer/software/services supporting generic efforts are included in the nonsystem specific support.

Excludes costs for systems developed under the life cycle software guidelines of the DOD 7920 directives.

0808621A Acquis Spt to Prog Exec Officers(Info Mgt)-Prog 8;X-0-05;
Includes manpower authorizations for reimbursable MACOM "matrix support to PEO/PM operations" for those Management Information System PEO/PM chartered by the Army Acquisition Executive. Costs of these manpower are included in PEO funding profiles and attributed to the management information systems itself of the acquisition and management support PE.

Excludes manpower associated with the PEO/PM operating under the DODI 5000 series which are in PE 0702808A.

0808625F Industrial Fund & Stock Fund Support;X-0-10;
This PE reflects funding requirements necessary to align appropriated funds requested in customer accounts and Industrial and Stock Fund activities pricing.

Military and civilian authorizations will not be associated with this PE.

08087050 (A,F,M,N) Service Support to Armed Forces Information Service;X-91-1;

Includes military personnel support (manpower and associated military personnel costs) for the Armed Forces Information Service.

08087060 (A,D,F,M,N) Transition Benefits and Services;X-91-2;;
Includes funding for preseparation counseling, transition assistance programs, outplacement and job/employment assistance programs (including job skill verification requirements), and transition health care administration/tracking.

0808707A Correctional Facilities;X-91-2;;
Includes administration and operation of CONUS confinement, correction and disciplinary facilities to prepare military prisoners for return to military duty or civilian life, with improved attitudes and motivation; custody, control and discipline of prisoners; provision of correctional treatment, vocational training, civilian and military education, constructive employment, and morale support programs and activities; behavioral science research and evaluation activities; TDY costs of guard personnel effecting prisoner transfers; and provision of clothing and subsistence items to include civilian clothing when authorized for personnel discharge. Includes costs of Army Executive Agent functions in support of other military services and execution of agreements with the Bureau of Prisons.

Includes military and civilian personnel authorizations.

Excludes OCONUS correctional and custodial facilities.

0808708A Youth Development Program;X-0-06;
Includes manpower authorizations, facilities, supplies and support equipment, and any other associated costs specifically identified to manage, administer, operate, maintain and promote an organized Army Youth Services Program. Programs include youth centers, youth athletic facilities, sports fitness, recreation and leisure activities. Includes the cost to establish, operate, administer and supervise developmental programs, such as youth development. Programs administered are youth sponsorship, summer camps, youth groups, teen leadership, career exploration projects, outdoor adventure, support groups and teen cen- ters.

0808709A Army Personnel Management & Support Activities;X-0-06;
Includes manpower authorizations and costs, peculiar and support equip- ment, necessary facilities and the associated costs specifically identified and measurable to the following: Army activities directly involved in management and support of the military and civilian work- force to include: U.S. Army Personnel Command, Civilian Personnel Field Offices, and U.S. Army Civilian Appellate Review Agency. Includes Head- quarters, U.S. Army Personnel Command (PERSCOM), U.S. Army Enlisted Records Evaluation Center, U.S. Army Physical Disability Agency, U.S. Army Central Personnel Security Clearance Facility, The Institute of Heraldry, U.S. Army Drug and Alcohol Operations Agency, and the Enlist- ment Eligibility Activity.

0808710A Community and Family Support Activities;X-0-06;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs

specifically identified and measurable to the following: central procurement for morale support activities (MSA) supplies and equipment; U.S. civilian and local national salaries and benefits, TDY and PCS costs, property maintenance, OMA equipment, material supplies and services to support the opera- tional mission; for periodicals and/or library books that supplement local procurement and for paperbound book kits to isolated/remote sites. Provides for participation in international sports competition, rifle and pistol matches. Includes travel and subsistence costs of professional entertainers. Support and management to morale, welfare and recreation/community and family support programs to include the U.S. Army Community and Family Support Center (CFSC), its MACOM equivalents, and Armed Forces Recreation Center, Europe. Excludes local procurement of MSA supplies and equipment which are properly chargeable to base operations. Excludes community and family support activities with discrete program elements such as: child development services.

0808711M American Forces Information Service - Field Activities (H);X-1-004;

08087110 (A,D,F,N) American Forces Information Service-Field Activities;X-1-004;
Includes manpower authorizations, peculiar and support equipment, necessary facilities, and the associated costs specifically identified and measurable to the following activities as appropriate:

This encompasses the Armed Forces Information Program, which provides all joint interest internal information, materials, and resources used in communications support of the DoD internal programs and responsibilities (print media and broadcast activities). For AFIS this includes the American Forces Press & Publication Service (AFPPS) and the American Forces Radio and Television Service (AFRTS)-Programming Center. For the Military Departments, this includes AFRT facilities and networks, relay sites, translators, mini-TV outlets, and any other AFRTS facility of the Army and Air Force, and shore-based AFRTS outlets of the Navy Broadcasting Service.

Supports the internal information program of the DoD as stipulated in DoD Directive 5122.10 by providing a broad range of information through print media (worldwide) and the radio and television media to overseas personnel and their dependents. Overseas defined as geographic locations outside the contiguous United States including Navy ships at sea, Alaska, and Hawaii.

Excludes the Navy Broadcasting Service outlets afloat and all other audiovisual activities not under direct cognizance of American Forces Information Service. Non-Appropriated Fund activities are excluded from this program.

0808712D American Forces Information Service - Telecommunication;X-1-004;
Includes the telecommunications costs identifiable to the operation of all activities of the Directorate for American Forces Information Service, OASD(PA).

Excludes communications costs for reimbursing the U.S. Postal Service

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0808713A Army Pictorial Center (IF) (H);;

0808714A Revenues (Army Pictorial Center (IF) (H);;

0808715D DoD Overseas Dependents Schools-Field Activities;X-6-01;
Includes (1) manpower authorization, peculiar and support equipment, necessary facilities, and the associated costs specifically identified and measurable to the operation of the dependents education program and (2) investment and operating costs and manpower resources related to supervision and conduct of the education program in geographic areas, as shown below, and in accordance with DoD Directive 1342.6, Department of Defense Dependents Schools (DoDDS): Germany North Region, Germany South Region, Atlantic Region, Mediterranean Region, Pacific Region, Panama Region

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0808715N Overseas Dependents Education-Field Activities;X-1-004;
Includes (1) manpower authorization, peculiar and support equipment, necessary facilities, and the associated costs specifically identified and measurable to the operation of the dependents education program and (2) investment and operating costs and manpower resources related to supervision and conduct of the education program in geographic areas, as shown below, and in accordance with DoD Directive 1342.6, Department of Defense Dependents Schools (DoDDS): Germany North Region, Germany South Region, Atlantic Region, Mediterranean Region, Pacific Region, Panama Region

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08087150 (A,F) Overseas Dependents Education-Field Activities (H);X-1-004;
Includes (1) manpower authorization, peculiar and support equipment, necessary facilities, and the associated costs specifically identified and measurable to the operation of the dependents education program and (2) investment and operating costs and manpower resources related to supervision and conduct of the education program in geographic areas, as shown below, and in accordance with DoD Directive 1342.6, Department of Defense Dependents Schools (DoDDS): Germany North Region, Germany South Region, Atlantic Region, Mediterranean Region, Pacific Region, Panama Region

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08087160 (A,F,M,N) Other Personnel Activities;X-0-08;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: Resources associated to units and acti- vities devoted to enhancing overall services morale, fostering good community relations, and providing miscellaneous personnel support services. Among these are recovery, preparation, transportation, and interment of deceased military personnel, including remains dis- position units, quartermaster mortuaries, and BuMed Care-of-the-dead program; behavioral and motivational rehabilitation, disciplinary confinement, including U.S. disciplinary barracks, USAF retraining groups, correctional training facilities, and U.S. Army Retraining Brigade; ceremonial and public relations activities, including Service (departmental-level) bands and choruses; Service (departmental level) Honor Guard/ceremonial guard units, Navy bands program, Naval Aviation Museum, Navy Flight Demonstration Squadron Blue Angels, National Museum of the U.S. Army, U.S. Army Parachute Team (The Golden Knights), and IX-21, "USS Constitution;" support for the Boy Scout Jamboree; and miscel laneous personnel support service units, including U.S. Army Chaplaincy Support Agency, centrally funded service recreational centers, centrally funded race relations/equal opportunity programs; DoD Race Relations Institute, Navy fleet motion picture program, and drug and alcohol abuse control specialists (not assigned to DoD health care facilities) (Air Force only). Excludes centrally-funded travel and per diem funds for temporary duty training: personnel confined in disciplinary barracks and personnel as- signed to correctional training facilities/retraining groups for rehabi- litation; base-level detention facilities, i.e. stockades, brigs, etc.; Army and Marine Corps division and wing bands,

Service Academy bands; Army, Marine Corps, and Air Force base/command bands; and manpower in units with primary missions assignable to other program elements.

08087170 (A,D,F,N) DoD Dependents Section VI Schools;X-6-01;
Includes Civilian manpower authorizations, necessary facilities and the associated costs specifically identified and measurable to the operation of the dependents education program, Section VI Schools. Includes operating costs and manpower resources related to direct planning, supervision, and conduct of the education program for eligible dependents of federal employees residing on federal property in cases where an appropriate free public educaton is unavailable in the nearby community.

The only resources to be identified to this element are Civilian manpower end-strengths and Operations and Maintenance, Defense Agency (O&M,DA) dollars. The costs incurred by the Military Departments will be reimbursed from the O&M, DA appropriation.

Navy- Dependents School, NSWC, Dahlgren, VA Antilles CSS, P.R. Crater Lake Nat'l Park, ORE Governor's Island, N.Y.

0808718A Youth Development Program;;

0808718D Family Advocacy;X-0-01;
The Family Advocacy Program includes the costs specifically identified and measurable to the prevention, identification, treatment and reporting of family violence. Resources allocated to this program improve access to treatment, focus on the issues of child sexual abuse in out-of-home care settings, and support the Family Advocacy Command Assistance Team which provides onsite consultation in case of institutional child abuse.

08087190 (A,F,M,N) Child Development;X-0-01;
Includes manpower authorization, facilities, supplies and support equipment and associated costs specifically identified and measurable to the intellectual, social, emotional and physical development of children. The primary sources are child development centers and family child care/family day care home which are government quarters, owned or leased.

08087200 (A,D,F,M,N) Family Centers;X-0-01;
Includes manpower authorization, facilities, supplies and support equipment and associated costs specifically identified and measurable to the Services and includes:

Spouse employment, relocation assistance, crisis referral and aid for families, financial management planning, information concerning family support resources, and services for families with special needs.

08087210 (A,F,M,N) Personnel Holding Account;;
Includes manpower authorizations, and the associated costs specifically identified and measurable to the

following: Active duty military personnel who are dropped from the assigned strength of an operational or training unit and attached to a "holding" or detention activity for the following reasons:

Medical Nonavailability: Receiving medical care, under medical observation, or awaiting reassignment upon termination of medical treatment.

Disciplinary Nonavailability: Confined in military detention facilities, including disciplinary barracks, while serving an approved court-martial sentence; assigned to correctional training facilities, or (behavioral) retraining groups, to undergo motivational and behavioral rehabilitation in lieu of confinement in a detention facility; confined in military detention facilities awaiting trial, during trial, or awaiting approval/appeal of sentence; confined in Federal, state, local, or foreign national civilian detention/correctional facilities; restricted to post/base but not confined, while under criminal investigation (if not available to the unit to perform normal duty functions); and returned from "dropped from military control" status and awaiting disposition.

Pre-separation Nonavailability: Awaiting administrative discharge; and in process of separation from active duty.

08087220 (A,F,M,N) Force Structure Deviation;;
Includes manpower authorizations, and the associated costs specifically identified and measurable to the following:

Projected unit military personnel inventories in excess or short of the force structure strength requirement for a given fiscal period end point. This program element provides the capability within the FYDP to accurately depict the programmed strength requirement of all units and the programmed strength requirement of all Individuals accounts within the programmed attainable end strength. This program element will show resources for program years, budget year, and current year only. Past years will reflect the actual utilization of manpower. If the sum of Individuals manpower requirements and force structure manpower requirements exceeds the overall manpower program level, this program element will show a negative entry; when the sum is less than the overall level, the entry will be positive.

0808723F Substance Abuse Control Program;X-95-3;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and associated costs specifically identifiable and measurable to the following: Air Force Substance Abuse Control Program (drug and alcohol prevention and detection). Excludes the Drug Demand Reduction program and costs associated with clinical consultation and treatment conducted on an outpatient or inpatient basis.

08087310 (A,F,M,N) Permanent Change of Station Travel;;
Includes costs specifically identified to permanent change of station travel expenses incident to the travel of both the military member, individually, or an organizational unit, and the travel of dependents. Also included is all authorized TDY travel directly related to and an integral part of PCS movement of individuals or organization units. Includes such as mileage and per diem allowances; payments of mileage upon discharge or release; travel by common carrier, airlift, or sea transportation; meal tickets and costs of subsistence while in travel status; dislocation allowances; costs for transportation of baggage and household goods and personal effects incident to the permanent change of station, including packing and crating, accessorial services, temporary commercial storage, nontemporary commercial storage, trailer allowances, movement of privately-owned vehicles, unaccompanied baggage, port handling charges, minor supplies and services incident to troop or organizational PCS movement, and

authorized transportation of dependents and household effects of deceased military personnel.

Excludes transportation provided or arranged by the industrially funded agencies included in Program 4; civilian costs which are chargeable to operating allotments of the activities receiving the services of the civilian concerned; and TDY of military personnel other than that directly related to an integral part of PCS movements.

08087320 (A,F,M,N) Transients;;
Includes manpower authorizations and associated costs of active duty military personnel in travel, proceed, leave enroute, or temporary duty enroute status while on Permanent Change of Station (PCS) orders. Includes personnel in PCS status between duty stations; awaiting transportation or enroute change of orders; in leave status while on PCS orders which involve a "no cost" move; enroute from overseas or CONUS duty stations for separation; or enroute from training to a permanent duty assignment. Transients include active military manpower engaged in the following PCS moves:

Accession: Movement from point of entry into active duty directly to first permanent duty station (for prior service personnel) or from final period of initial entry training to first permanent duty station (see exclusions below).

Training: Movement from previous CONUS permanent duty station to schooling or other training of 20 weeks or longer duration; and movement from such training to their next permanent CONUS duty station. Also includes travel of enlisted personnel to training leading to a commission.

Operational: Movement to and from permanent duty stations (other than for training) within CONUS and within an overseas area.

Rotational: Movement involving transoceanic travel, except for accession and separation moves.

Separation: Movement from last permanent duty station to point of separation, including movement from overseas.

Excludes military personnel participating in an organized unit move; (former) military personnel in travel status from separation point to home of record; military personnel in leave or temporary duty status, who are programmed to return to the same duty unit (these manpower authorizations are included in appropriate parent unit of assignment); military personnel on temporary duty for training status while enrouts PCS (these are counted as students); and movement of officer and enlisted personnel upon entry into active service to and between initial entry courses of instruction. (For enlisted personnel, initial entry training consists of recruit training, initial skills or proficiency training, and where applicable, courses of instruction leading to commissioning as an officer. For officer personnel, initial entry training consists of officer basic courses and/or entry level specialty courses.) As indicated above regarding Accession moves, only officer and enlisted movements following completion of initial entry training shall be considered as Transient strength. All in-transit time during initial entry training is to be counted in the strength of the immediate prior initial entry training course of instruction.

08087330 (A,F,N,M,HP) Permanent Change of Station Travel - Health Care (H);X-94-4;;
Includes costs specially identified to permanent change of station travel expenses, associated with the Defense Health Program, incident to the travel of both the military member, individually, or an organizational unit, and the travel of dependents. Also includes is all authorized TDY travel directly related to and an integral part of PCS movement if individuals or organization units. Includes such as mileage and per diem allowances; payments of

mileage upon discharge or release; travel by common carrier, airlift, or sea transportation; meal tickets and costs of subsistence while in travel status; dislocation allowances; costs for transportation of baggage and household goods and personal effects incident to the permanent change of station, including packing and crating, accessorial services, temporary commercial storage, nontemporary commercial storage, trailer allowances, movement of privately-owned vehicles, unaccompanied baggage, port handling charges, minor supplies and services incident to troop or organizational PCS movement, and authorized transportation of dependents and household effects of deceased military personnel.

Excludes transportation provided or arranged by the industrially funded activities included in Program 4; civilian costs which are chargeable to operating allotments of the ac tivities receiving the services of the civilian concerned; and TDY of military personnel other than that directly related to an integral part of PCS movements.

08087400 (A,B,F,G,H,L,M,N,S) Family Housing - Defense (H);;
Includes manpower authorizations, peculiar and support equipment, necessary facilities, and associated costs specifically identified and measurable to the Family Housing - Defense program established by DoD Directive 7150.4.

Excludes Homeowners' Assistance Program (PE 0809723A).

08087410 (A,F,G,L,M,N) Family Housing - New Construction;;
Includes costs specifically identifiable and measurable to the construction of new family dwelling units, new trailer court facilities, new nondwelling buildings, new community facilities, and new roads, driveways, walks and utilities primarily for use by family housing occupants as provided in DoD Directive 7150.4, and as defined in paragraphs I.A. and B., of Encl 2 to DoD Instruction 7150.6. All resources in this program element will be identified by Resource Identification Code 0453.

Excludes RIC 0453 resources used to improve existing facilities.

08087420 (A,B,D,F,G,L,M,N,S) Family Housing - Improvements;;
Includes costs specifically identified and measurable to construction costs, including applicable planning costs, for improving existing facilities of the DoD Family Housing Program as established by DoD Directive 7150.4, and all other items under the major function category "Construction," except paragraphs I.A. and B., of Enclosure 2 to DoD Instruction 7150.6. All resources in this program element will be identified by Resource Identification Code 0453.

Excludes RIC 0453 resources used for construction of new dwellings and facilities.

08087430 (A,F,M,N) Family Housing - Debt Payments;;
Includes costs specifically identifiable and measurable to debt payments for family housing as established by DoD Directive 7150.4. All resources in this program element will be identified by Resource Identification Code 0552.

08087440 (A,B,F,G,L,M,N) Family Housing - Leasing;;

Includes costs specifically identifiable and measurable to administration and leasing costs of the leased housing program as defined in DoD Instruction 7220.16 and included in DoD Directive 7150.4. All resources in this program will be identified by Resource Identification Code 0553.

Excludes RIC 0553 resources used for operations and maintenance.

08087450 (A,B,D,F,G,L,M,N,S) Family Housing - Operations;;
Includes costs specifically identified and measurable to operations costs (RIC 0553) fo the DoD Family Housing Program as established by DoD Directive 7150.4.

Excludes RIC 0553 resources used for leasing facilities and for maintenance.

08087460 (A,B,F,G,M,N,S) Family Housing - Maintenance;;
Includes maintenance costs of the DoD Family Housing Program as established by DoD Directive 7150.4. All resources in this program element will be identified by Resource Identification Code 0553.

Excludes RIC 0553 resources used for operations and leasing.

08087510 (A,F,M,N) Civilian Training, Education, and Development;X-79-011;
Includes all costs and manpower authorizations specifically identified to centrally managed or controlled programs for the training, education and development of DoD civilian executives, management officials, supervisors, and employees as identified under the Government Employees Training Act and Titles IV and V of the Civil Service Reform Act of 1978; and training and development of all interns in civilian career management programs, prescribed pursuant to DoD Directives 1430.2, 5010.10, 5020.26 and DoD Instructions 1430.1, 1430.5, 1430.8 and 1430.10. Funds budgeted under this program element should be accounted for through established accounting procedures in a manner which provides for programs of 120 days or less and for programs of more than 120 days, and assures that the funds are expended for the training purposes for which budgeted in support of the following programs:

DOD-wide career programs: Executive Development, Intern, Other.
Component-wide formal career programs: Executive, Intern, Other.
General Training Activities: Executive, Apprentice, All other training.

Cost and Manpower Data: Cost data identified under this program element should include: (a) tuition and related expenses, (b) travel/ per diem costs, (c) transportation, (d) storage of household goods (for programs of more than 120 days only), (e) administrative cost associated with development of new and revised formal training courses, (f) salary and normal personnel benefits costs while undergoing formal classroom training or formalized developmental assignments of more than 120 calendar days, or when such training is considered part of training costs. Manpower data will include student end strengths.

Excludes: Defense Agencies are excluded from reporting in this program element.

0808761N Collateral Equipment Funding;X-0-08;

Includes Operation and Maintenance, Navy funding for the procurement of collateral equipment that is required to initially outfit new military construction at naval shore activities.

0808776N Minor Construction (RPM) - Other Gen Pers Act;X-91-3;;
Includes manpower authorizations, peculiar and support equipment, necessary faclities and the associated cost specifically identified and measurable to the following:

All construction costing less than the statutory maximum amount for a Minor Military Construction project as established by section 2805 of title 10 U.S.C.in support of other general personnel programs such as Drug Rehabilitation, Alchohol Rehabilitation, Open Messing, Child Care Centers, Recreation Facilities, Deserter Apprehension, Music Program, Naval Home, and Naval Aviation Museum.

0808778N Maintenance and Repair (RPM) - Other Gen Pers Act;X-91-3;;
Includes manpower authorizations, peculiar and support equipment, necessary faclities and the associated cost specifically identified and measurable to the following:

Maintenance and repair of real property, i.e., utilities, buildings, other facilities, pavements, (roads, parking areas, runways, etc.), land, and grounds. Includes, but not limited to, such things as repair of electrical circuitry, heating and air conditioning, water piping, and routine maintenance work such as caulking, painting, etc. in support of other general personnel programs such as, Drug Rehabilitation, Alchohol Rehabilitation, Open Messing, Child Care Centers, Recreation Facilities, Deserter Apprehension, Music Program, Naval Home, and Naval Aviation Museum.

0808779N Real Property Services (RPS) - Other General Personnel Activities;X-94-7;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs of utility plant operations, purchased utilities, air conditioning and refrigeration, utility fuels, fire protection, crash rescue, snow removal and ice alleviation, entomological services, window glass replacement, elevator maintenance/inspection, custodial services, refuse collection and disposal, sewer and waste systems, rental of real property, facility engineering and public works management, other installation engineering services and other annual service requirements performed in-house or by contract.

08087890 (A,B,D,F,G,H,HP,J,K,L,M,N,R,S,V,W,X) Counterdrug Demand Reduction Activities;X-94-2;;
This program element is for use to capture costs of activities related to counterdrug demand reduction activities (such as: education and training, testing, treatment and community outreach programs) which are funded by the transfer appropriation, Defense Drug Interdiction and Counter-Drug Activities Account. Activities funded in this program element will only be those approved by the Secretary of Defense and supported by the transfer appropriation. Includes civilian and military authorizations.

0808794N Real Property Maintenance - Other Gen Pers Act (H);X-93-2;;
Includes manpower authorizations, peculiar and support equipment,necessary facilities and the associated costs specifically identified and measurable to the following:

Real property maintenance at activities having a primary mission of supporting other general personnel programs such as Drug Rehabilitation, Alcohol Rehabilitation, Open Messing, Child Care Center, Recreation Facilities, Deserter Apprehension, Music Program, Naval Home Gulfport and Naval Aviation Museum.

Real property maintenance at medical centers and other installations with a primary mission of health care.

Maintenance and repair of all real property - utilities systems - buildings - other facilities - pavements (roads, parking areas, etc.) - land (grounds)

Minor construction (with other than military construction funds).

Operation of utilities for all real property.

Other engineering support. - fire protection -custodial services - entomology services - refuse collection and disposal - snow removal and ice alleviation - rental of real property, excluding payments to GSA - other installation engineering services. Includes all resources in functional categories 9, 10, 11, and 12 as defined in DOD Instruction 7220.20. Also includes all resources (except manpower and military pay) used by groups/units assigned to to repair/construct facilities, roads, parking areas, etc., even if the work is classified as a military unit training project;

Includes funding for reimbursement of Public Works Centers or host installations for real property maintenance of other general personnel activities.

Excludes costs of maintaining family housing. See PE 08087460, Family Housing Maintenance.

08087950 (A,N) Base Communications - Other Gen Pers Activities;X-6-05;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to base level communications support concerning the following activities:

Army: Base communications resources in support of Army other general personnel activities. Includes nontactical, non-DCS base (post, camp, and station) communications and equipment systems which provide local communications worldwide to installations/activities.

Navy: Drug Rehabilitation, Alcohol Rehabilitation, Open Messing, Child Care Center, Recreation Facility, Deserter Apprehension, Music Program, Naval Homes, Gulfport, Naval Aviation Museum.

0808796N Base Operations - Other Gen Pers Act;X-95-1;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following functional categories of effort:

Administration: Installation Headquarters Administration and Command (including squadron level responsible for Base Operations), Installation Comptroller Services, Installation ADP Services, Installation Information Activities, Installation Legal Activities, Civilian Personnel Administration, Installation Military Personnel, Administration Installation Printing and Reproduction, Installation Safety, Installation Management Analysis/Management Engineering.

Retail Supply Operations: Installation Supply Activities, Installation Procurement Operation, Installation

Storage Activ ities.

Maintenance of Installation Equipment: (Includes maintenance of administrative aircraft, vehicles and equipment; but excludes maintenance of tactical equipment, combat vehicle and mission aircraft).

Other Base Services: Installation Transportation Activities, Installation Training (excludes Troop training and tactical exercise). Installation Physical and Police Activities, Laundry and Dry Cleaning (for troop support and other appropriated fund activities). Installation AirField/Air Base Operations (control tower, weather, flight service, etc.) Installation Restoration.

Bachelor Housing Operations and Furnishing: (management; housing assignment, care of quarters, provisions, care preservation and maintenance of furnishings, etc.)

Other Personnel Support: Food Service; Social Action; Community Service; Chaplain Services; Bands; Morale, Welfare and Recreation.

Excluded are the following functional categories which are a part of the standard definition of Base Operating Support, but are reported under separate PEs: Real Property Services, Minor Construction, Maintenance and Repair, Base Communications, Commissary Operations (Retail and Troop Issue), Station Hospitals, Medical and Dental Clinics and Dispensaries, Family Housing.

0808798D AFIS-Management Headquarters;X-1-004;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following activities as appropriate:

This encompasses the policy program management of the internal information program of the DoD as stipulated in DoD Directive 5122.10 by providing a broad range of information through print media and the radio and television media.

Broadcast servive elements charged with central management and control of all AFRT activities of their department.

Excludes nonmanagement headquarters resources associated with program elements 0808711D and 0808712D.

0808898D Management Headquarters (DoD Dependent Education);X-6-01;
Includes manpower authorizations, investment and operationg costs related to the management headquarters element of Dependents Education Program-Office of Dependents' Education.

08097030 (A,F,M,N) Service Support to OSD;;
Includes military personnel support to the OSD (military manpower and associated military personnel costs). Primary activity supported: personnel support.

08097100 (A,F,M,N) Service Support to Def Medical Support Activity (H);X-94-1;;

Includes military personnel support to DMSA (military manpower and associated military personnel costs).

08097110 (A,F,M,N) Service Support to OSD CHAMPUS Activities (H);X-94-1;;
Includes military personnel support to OSD CHAMPUS activities.

08097120 (A,F,N) Service Support to USUHS (H);X-94-1;;
Includes military personnel support to the USUHS (military manpower and associated military personnel costs). Primary activity supported: individual training.

08097210 (A,F,N) Junior ROTC;;
Includes manpower authorizations and the associated costs specifically identified and measurable to the training of individuals in essential military subjects at selected civilian educational institutions at the secondary school level.

Excludes Reserve Officers Training Corps (ROTC).

08097220 (A,F,N) Project HIRE (H);;
Includes temporary manpower spaces and attendant operating costs for Alaskan Native Employment Program (Project HIRE).

08097230 (A,D) Homeowners' Assistance Program;;
Includes costs specifically identified with the Homeowners Assistance Funds, Defense, and measurable to the following:

Payments to Homeowners-Reimbursements for losses in private sales.

Operating Costs - Operating and maintenance costs for acquired properties, appraisal fees, and administrative costs for all types of assistance.

Capital Outlay - Equity payments to homeowners, payments in foreclosure cases, and payments on assumed mortgages.

0809724D Retired Pay;;
Includes costs representing specifically the Retired Pay Defense appropriation, including reserve components, retired lists, and payment to survivors of retired military personnel under the retired serviceman's family protection plan.

08097310 (A,F,M,N) Training Support to Units;;

Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: training assistance provided by the training establishment to units and their assigned personnel outside the training establishment, including centrally-managed on-the-job training programs; centrally-managed occupational rating and upgrade programs; field training teams; preparation and issuance of training aids and materials intended primarily for support of units and individuals; and conduct of extension courses or nonresident instruction where this is by units separately identifiable from or within the school providing this training.

Excludes Off-Duty and Voluntary Education Programs (PE 08097320); and base level audio visual and training aids resources outside the training establishment.

0809732D Off-Duty and Voluntary Education Programs (H);;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

United States Armed Forces Institute (historical). Operation of base-level education centers, education counseling, and programs for general educational development of military personnel. Tuition assistance for general educational development of military personnel and for off-duty voluntary education activities. Other off-duty voluntary education activities. Predischarge Education Program (PREP). Project Transition/Referral. Diploma/degree equivalency rating.

08097320 (A,F,M,N) Off-Duty and Voluntary Education Programs;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

United States Armed Forces Institute (historical). Operation of base-level education centers, education counseling, and programs for general educational development of military personnel. Tuition assistance for general educational development of military personnel and for off-duty voluntary education activities. Other off-duty voluntary education activities. Predischarge Education Program (PREP). Project Transition/Referral. Diploma/degree equivalency rating.

08097330 (A,F,M,N) Veterans Educational Assistance Program (VEAP);X-3-01;
Funds the Veterans Educational Assistance program (VEAP) to include contributions to VEAP and all educational test programs. Funds educational benefits to both enlisted and officer participants who either participate voluntarily in basic VEAP or are eligible for educational incentive programs which are noncontributory. These programs include: DoD contributions to VEAP for enlisted high school diploma graduates in upper AFQT categories (I-IIIA) who enlist in selected military skills; the FY81 Educational Assistance Test program for quality enlistees who elect selected skills; loan repayment for quality enlistees who elect selected skills; basic VEAP matching funds for all enlisted and officer participants in basic-VEAP.

0809734A Army Career Alumni Program(ACAP);X-0-09;
Includes manpower authorizations, supplies, and support equipment and any other associated costs specifically identified to manage, administer, operate, maintain and promote the Army Career Alumni Program (ACAP). ACAP is a

comprehensive system to assist transitioning army personnel. Includes contract costs for job search skills training, cost to print and provide informational materials, contract costs for program evaluation, professional training and travel of the ACAP DAC staff. Services are provided to all transitioning personnel including soldiers, civilians and family members.

08097410 (A,M,N) Unaccompanied Housing Construction;X-7-04;
Major rehabilitation, upgrade, and new construction of unaccompanied personnel housing (UPH) facilities. These facilities include dormitories, visiting enlisted quarters, unaccompanied officer quarters; real property category codes 721-312, 721-315, 724-415, and 724-417. Funding is obtained from military constuction appropriations. Project are approved by line item by Congress.

08097900 (A,M) Visual Information Activities-Other Program 8;X-7-04;

08097900 (F,N) Visual Information Activities-Other Program 8 (H);X-7-04;
Funds Visual Information programs, consisting of the following subsets: Visual information (VI) productions and services and VI support.

Includes manpower authorizations and costs, travel, contractual services, procurement of supplies and materials, expense equipment, necessary facilities and the associated costs specifically identified, separable into "in-house" and "contract" portions, and measurable to the following other Program 8 functions, as appropriate:

o VI Productions and Services. Produce or acquire VI productions (i.e., slide and slide-sound sets, film strips, multi-media, video disc, audio productions, combination media), and motion media with sound. Includes resources for scripting, preproduction, production, postproduction, libraries, duplication, distribution, production project management, and other related and associated services.

o VI Support. Provide VI operational (combat and technical) documentation, still and motion picture photography, video, audio, radio and television closed circuit and broadcasting (not Armed Forces Radio and Television Service (AFRTS)) services, graphic art, VI records centers, VI records holding facilities, presentation support, repair and maintenance, video teleconferencing terminals, related and associated services, and their supervision.

o Joint Visual Information Services (JVIS). Resources to operate and maintain JVIS production, depository, and distribution activities assigned by OASD(PA), as a joint mission for DoD.

Excludes VI management at command and component headquarters and OSD. Excludes technical documentation support not available from base VI services, integral to the mission of organizations supported, and identified in other program elements. VI equipment integral to technical documentation functions is also excluded. It does not include VI activities with discrete program elements such as: Armed Forces Radio and Television Service.

0901110D Military Personnel Offset - SOF;;

0901116R DCAA Communications;;
Includes all costs associated with long distance and local telephone services, including the costs of lines, telephone instruments, specific equipment, and local telephone calls; Federal Telephone Service; and all other communications expenses and all costs not shown above.

Excludes all operational expenses covered under 0901516R.

0901117D WHS Communications;X-79-001;
Includes the telecommunications costs identifiable to the operation of all activities of Washington Headquarters Services.

Excludes communication costs for reimbursing the U.S. Postal Service.

0901119M WWMCCS ADP and WIS - Marine Corps;X-1-002;
Includes WWMCCS ADP and WIS resources, except manpower and related costs, in Headquarter, Marine Corps; and reimbursement to JCS for systems costs.

Excludes manpower authorizations and related resources, and Management Headquarters resources (refer DODD 5100.73).

09012110 (A,F,M,N) Construction (Planning and Design);;

09012110 (B,C,D,G,H,J,K,L,S) Construction (Planning and Design);;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Planning and Design of Military Construction, Minor Construction, Access Roads, Minor Land Acquisition, Military Construction for Supervision

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09012120 (A,F,M,N) Service-Wide Support (Not Otherwise Accounted For);X-93-4;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

ARMY: Miscellaneous support programs including Army Audit Agency, The U.S. Army Military History Center, U.S.

Army Legal Services Agency, Military Postal Service, U.S. Army Safety Center, Department of Defense Explosive Safety Board, Department of the Army Military review Boards, Army - Air Force Exchange Service, and U.S. Army Nuclear Chemical Agency.

NAVY: Miscellaneous Support Programs, such as unemployment compensation, congressional travel, DFAS (Navy payments for accounting and finance), and civilian personnel data systems. Specific support for Naval Audit Service Headquarters Audit Activities, Boards of Inspection and Survey, Naval Legal Service, Naval Safety Center, Naval History Center, USS Constitution, USS Nautilus, special boards and committees, Navy military personnel assigned to Department of Energy; Army; Air Force; and Marine Corps, Judge Advocate General, Navy Personnel Evaluation Boards, International Programs Office, and Office of Civilian Personnel Management.

MARINE CORPS: Miscellaneous Support Programs such as: Marine Corps Liason - various types and locations, Pilot Exchange - various locations, HqBn MC, Arl, VA, MC Area Audit Office, DC, Field Supply Analysis Office, various locations, Summary Courts Martial Jurisdiction Activities - various locations.

AIR FORCE: Air Force Audit Agency, Air Force Inspection Agency, Air Force Safety Agency, Air Force News Agency, Air Force Museum, Explosive Ordnance Disposal Squadron, Air Force Cost Analysis Agency, Air Force Legal Services Agency, Air Force Medical Support Agency, Air Force Historical Research Agency, Air Force Review Board Agency, Air Force Studies and Analysis Agency, Air Force Management Engineering Agency, Air Force Security Police Agency, Center for Air Force History, Air Force Morale, Welfare, Recreation and Services Agency, Air Force Intelligence Support Agency, Air Force Elements includes Officer Exchange Programs, Joint Personal Property Shipping Office, Army and Air Force Exchange Service headquarters office, Research and Development Liaison Office and Center for Low Intensity Conflict.

Excludes all Defense Communications System (DCS) and Non-DCS communications resources; and Management Headquarters resources.

0901213F USAF Support to Civil Air Patrol;X-9-05;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

All aspects of activities associated with providing Air Force liaison support to the Civil Air Patrol, Incorporated (CAP), through Headquarters CAP, USAH, and the Air Force liaison structure at eight USAF CAP regions and 52 wing liaison offices. Provides also for reimbursement to members of the CAP for performance of missions such as search and rescue, civil defense, and other emergency missions authorized or assigned by Air Force organizations, as well as transportation costs of the CAP International Air Cadet Exchange, and other miscellaneous support costs.

09012140 (A,F,M,N) Public Affairs;X-5-03;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to public information and community relations which are further defined as follows:

Public Information: All functions and activities which are performed primarily for the purpose of providing official information about the Military Departments and Defense Agencies to the public and public media, such as press, radio and television, magazines and books, motion pictures, or other outlets. Public information products are generated in response to requests for information also at the initiative of the Department of Defense to

fulfill its obligation of informing the public within the bounds of security and in accordance with DoD Directive 5230.13 and the statement by the Secretary of Defense on Public Information Principles of March 4, 1969.

Community Relations: All functions and activities which are performed primarily for the purpose of contributing to good relations between the Military Departments and Defense Agencies and all segments of the civilians population at home and abroad to help foster mutual acceptance, respect and cooperation.

Included are the direct costs of personnel primarily engaged in, and products and services directed to, public affairs function both at the initiative of DoD and in response to media and public requests.

Excludes costs of internal information and attendent recruiting and retention programs and management costs, such as security review and administration; and Management Headquarters resources (see PE 09012980).

09012150 (A,B,F,K,N,S) Productivity Investments;X-1-003;
Provides "set-aside" resources to finance productivity enhancing capital investments including component-sponsored investments across multiple appropriations. Candidate projects are included which meet the established DoD criteria in DOD Instruction 5010.36 and component criteria as described below:

Each project must (a) demonstrate adequate return on investment and compete for funding based on first four years of operations, (b) amortize during the economic life of the project, and (c) comply with all existing policies and regulations governing acquisition and management of equipment and facilities.

Excludes RDT&E funded productivity enhancing investments (See 06058720 A/F/N).

0901216F Operational Capability & Air Power Assessment (OCAPA) Program;X-0-06;
Provides resources (including manpower authorizations) to develop, build, and maintain AFCAP. AFCAP is a program to define, design, and deliver an automated system which will refine the collection and aggregation of resource measures, develop useful models to estimate capability measures, and project combat capability by realistically estimating each unit, theater and force's capability on the interrelationships of a variety of resources, spanning several functional areas. AFCAP is a system that will estimate, report, and project unit warfighting capability, and will allow Air Force leaders to better manage our warfighting assets. AFCAP will consist of computer hardware, specially designed capability measurement software, unique interfaces with other Air Force standard information systems containing data needed to make measurements, and methods and procedures for computing and reporting these measurements.

0901217F Postal Costs (H);X-95-2;
This program element provides payment to the United States Postal Service for postage costs associated with the movement of official mail within the CONUS.

0901218F Civilian Compensation Program;X-5-03;
This program element funds payment for two individual components (1) civilian compensation benefits for disability due to personal injury sustained while in the performance of duty or due to employment-related disease according to the Federal Employees' Compensation Act (FECA) under 5 U.S.C. Chapter 81 and (2) civilian unemployment

compensation benefits authorized by the Federal Unemployment Compensation for Federal Employees (UCFE) Law under 5 U.S.C. Chapter 85. The Department of Labor administers these programs but charges the Department of the Air Force for its employees' costs.

Excludes civilian and military manpower authorizations and costs, and military construction costs.

0901219F Joint Health Care Management Engineering Team (JHMET);X-8-06;
Includes manpower authorizations, unique and support equipment, necessary facilities and associated costs specifically identified and measurable to support development of joint healthcare manpower standards via the JHMET, a jointly manned activity reporting directly to the Air Force Management Engineering Agency.

09012200 (A,F,M,N,S) Personnel Administration;X-0-08;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and associated costs specifically identified and measurable to resources for administration of: (a) personnel records, personnel assignments, personnel evaluation activities and (b) research and development related to personnel. ARMY: PERSCOM, Military Policy Operating Agency, Civilian Appellate Review Agency, Drug and Alcohol Operations Activity, Physical Dis- ability Agency, Community and Family Support Center, The Institute of Heraldry, Enlisted Eligibility Activity, Central Personnel Security Clearance Facility, Enlisted Records and Evaluation Center, & Civilian Personnel Evaluation Agency. This program element will con- tain no resources for Army after FY 1991. Excludes Departmental Headquarters (see appropriate Program 9 elements) and CNMPC (in PE 0902498A). Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identif ied and measurable to resources devoted to the administration of personnel records, personnel assignment, and personnel evaluation a ctivities; and the administration of research and development related to personnel. Organizations included are:

ARMY: PERSCOM, Military Policy Operating Agency, Civilian Appellate Review Agency, Drug and Alcohol Operations Activity, Physical D isability Agency, Community and Family Support Center, The Institute of Heraldry, Enlisted Eligibility Activity, Central Personnel S ecurity Clearance Facility, Enlisted Records and Evaluation Center and Civilian Personnel Evaluation Agency. This program element w ill contain no resources for Army after FY 1991.

NAVY: Naval Military Personnel Command, Naval Personnel Programs Support Activitiy, Navy Manpower Personnel Management Support Prog ram, Navy Family Allowance Activity, Cleveland, Navy Personnel Management Information Center, Navy Enlisted Personnel Management Cen ter, Naval Civilian Personnel Command, Naval Consolidated Civilian Personnel Offices, Naval Civilian Personnel Command Field Divisio ns, Navy Manpower and Material Analysis Centers.

MARINE CORPS: Marine Corps Personnel and Support Activity.

AIR FORCE: USAF Military Personnel Center, Office of Civilian Personnel, Civilian Personnel Field Offices.

Excludes Departmental Headquarters (see appropriate Program 9 elements) and CNMPC Headquarters (in PE 09024980)

0901221F IMPACTS Program Support;X-0-02;
The new PE will support the Integrated Manpower, Personnel and Comprehensive Training & Safety (IMPACTS) program. The program was created as a result of in-house and contractor studies, direction in the FY87 Authorization Act and DODD 5000.53. Studies, legislation and directive all pointed out a less than acceptable integration of the

human element into the weapon system design process. The objective of the program is to integrate manpower, personnel, training, safety, health hazards management and human factors engineering into the weapon systems requirements, design and modification processes. Because the human element represents a significant portion of life cycle costs, the program has definite implications for combat capability, readiness and the resources required to field the Air Force of the 90's and beyond. Funds will be used to facilitate IMPACTS planning teams for selected programs; provide for orientation, executive and technical training; and other program management support.

There are no manpower authorizations associated with this PE.

0901222F Defense Courier Service;X-92-3;;
Includes manpower authorizations and approved funding for Defense Courier Service and its stations worldwide to provide for the secure custody, transportation, and delivery of highly classified and sensitive national security materials. Functions in direct support of military services, Department of Defense Agencies, and other Departments and Agencies.

Civilian and military authorizations will be associated with this PE.

0901223F Civil Air Patrol Corporation;X-95-2;
This program element includes all payments to CAP-Corporation for various types of support provided to the Air Force and Federal, State, and local agencies. This support includes but, if not limited to search and rescue/disaster relief missions, routine and major aircraft maintenance, travel and per diem payments to CAP members, vehicle maintenance, training costs, manpower etc., as prescribed and authorized in the memorandum of understanding between USAF and CAP-Corporation.

0901224F Military Drug Dogs Counternarcotic Support;X-95-2;
Includes activities funding by transfer appropriation from the DOD Drug Interdiction and Counterdrug Activities Account pertaining to DOD Military Working Dog counterdrug support.

0901225F Air Force Combat Operations Staff;X-92-4;;
The Air Force Combat Operations Staff (AFCOS) is a Field Operating Agency supporting the SECAF and the CSAF. Approximately 100 people provide accurate and timely inforamtion to AF leadership on world events, contingency ops and significant operational envents impacting national interests. Provides responsive, trained Crisis Action Team for National Command Authority. Provides AF leadership accurate, timely information on the combat readiness through the Status of Resources and Training Systems (SORTS). Focal point for military capability reporting such as CINC's preparedness Assessment Reports. Improves representation of air power to national leadership through a coherent master plan for combat wargames and simulations. Help plan, develop scenarios, resolve service conflicts, control and critique CJCS exercises. Provide staff and operational weather services for the NCA, NMCC, ANMCC, Joint Staff, HQ USAF, HQDA, Joint Reconnaissance Center, Defense Intellingence Agency, Camp David and other DOD and federal agencies in the Washington area.

0901240F Engineering Installation -- Administrative;X-92-4;;

Includes funds to support HQ USAF, AF District of Washington (AFDW), and 7CG. Also includes HQ USAF command and communications networks and facilities, USAF Operations Center, and AF Emergency Operations Center for engineering, installation, removal and relocations of communication computers systems, networks and equipment. Includes costs for travel, transportation, per diem, rents, supplies, contract services, major and minor equipment.

Excludes manpower, military pay, and AFCC E&I requirements identified in PE 0305123F.

09012560 (F,M,N) Environmental Compliance;X-94-6;;
Environmental Compliance includes actions to achieve and maintain full and sustained compliance with federal, state, and local environmental laws and regulations, Executive Orders, host nation regulations and DoD policies. Applies to workyears, training, travel, supplies, permits, fees, support equipment, service, and facilities (if the primary purpose is to comply with environmental standards) and the associated costs specifically identified and measurable to environmental compliance.

Funds all costs related to environmental compliance, including:

A. Recurring costs of environmental program management, daily operations and services, permits, fees, certifications, studies, and licenses; civilian workyears; education and training of environmental programs; hazardous waste management and disposal; sampling, analysis, monitoring and surveys; supplies, equipment, and travel.
B. Nonrecurring costs of projects/services required to bring DoD into compliance with environmental standards or comply with a notice of violation (Class I); to prevent DoD from failing to meet impending environmental standards (Class II); or to enhance the environment beyond legal requirements (Class III);
C. Pest management programs to meet FIFRA standards for pest management and pesticide storage, handling or use standards;
D. Overseas cleanup, as well as overseas compliance, efforts; and
E. Certification of innovative technology for DoD applications.

Excluding:

A. Efforts funded under Defense Environmental Restoration Account, Conservation, Pollution Prevention, BRAC or Occupational Health and Safety auspices;
B. Research and Development efforts associated with compliance, which are covered under specific R&D program elements;
C. Normal maintenance and repair to keep systems in working order, system replacement as part of normal replacement cycle; and normal installation operations (i.e. solid waste disposal including tipping fees, landfill operations, etc.); normal wastewater treatment plants, both domestic and industrial, which are appropriately included in base operations;
D. Upgrade/alteration of an industrial process undertaken for other than environmental purposes;
E. Environmental certification/licenses funded separately from mandatory requirements and training;

F. Routine pest control applications required to preserve structural integrity, properly charged to RPM and health applications, such as, mosquito control.

09012760 (F,M,N) Minor Construction (RPM) - Administrative;X-91-3;;
Includes manpower authorizations, peculiar and support equipment, necessary faclities and the associated cost specifically identified and measurable to the following:

All construction costing less than the statutory maximum amount for a Minor Military Construction project as established by section 2805 of title 10 U.S.C.

09012780 (D,F,M,N) Maintenance and Repair (RPM) - Administrative;X-91-3;;
Includes manpower authorizations, peculiar and support equipment, necessary faclities and the associated cost specifically identified and measurable to the following:

Maintenance and repair of real property, i.e., utilities, buildings, other facilities, pavements, (roads, parking areas, runways, etc.), land, and grounds. Includes, but not limited to, such things as repair of electrical circuitry, heating and air conditioning, water piping, and routine maintenance work such as caulking, painting, etc.

09012790 (A,F,M,N) Real Property Services (RPS) - Administrative;X-94-7;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs of utility plant operations, purchased utilities, air conditioning and refrigeration, utility fuels, fire protection, crash rescue, snow removal and ice alleviation, entomological services, window glass replacement, elevator maintenance/inspection, custodial services, refuse collection and disposal, sewer and waste systems, rental of real property, facility engineering and public works management, other installation engineering services and other annual service requirements performed in-house or by contract.

09012940 (A,F,M,N) Real Property Maintenance - Administrative (H);X-93-2;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Real property maintenance at installations with a primary mission of supporting Program 9 activities.

Maintenance and repair of all real property -utilities systems, -buildings, -other facilities, -pavements (roads, parking areas, etc.), -land (grounds)

Minor construction (with other than military construction funds).

Operation of utilities for all real property.

Other engineering support. -fire protection, -custodial services. -entomology services, -refuse collection and disposal, -snow removal and ice alleviation, -rental of real property, -other installation engineering services

Includes all resources in functional categories 9, 10, 11, and 12 as defined in DoD Instruction 7220.20. Also includes all resources (except manpower and military pay) used by groups/units assigned to specific BOS tasks on an ad hoc basis such as Army engineer/Red Horse/Naval Construction Force units assigned to repair/construct facilities, roads, parking areas, etc., even if the work is classified as a military unit training project. Includes funding for reimbursement of Public Works Centers or host installations for real property maintenance of Program 9 activities and payments to GSA.

Excludes costs of maintaining family housing. See P.E. 08087460, Family Housing Maintenance.

09012950 (A,F,M,N) Base Communications - Administrative;X-7-07;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Army: Base communications resources in support of Army administration activities. Includes nontactical, non-DCS base (post, camp, and station) communications and systems which provide local communications worldwide to installations/activities.

Navy: Resources, as applicable, at telecommunications centers in support of a base complex, and base telephones, industrial security networks, crash networks, paging networks, etc., providing support to the base at which located. Appropriate resources from the following types of activities are included: Naval Administrative and Support Activities.

Air Force: Base communications support for Hq USAF, AF Accounting and Finance Center, and AF Data Automation Agency, to include: base telephone systems, intrabase radio systems, wire communications services, official tolls, TWX usage and commercial refiles, Class B tolls and charges, and other base-level commercial communications requirements. Also includes Hq USAF command and communications networks and facilities, with both DCS and non-DCS resources, USAF Operations Center, Command Post Alerting Network (COPAN), Command Post Record Capability (COPREC), and AF Emergency Operations Center.

Marine Corps: Telecommunications activities operated in support of:
HQ Marine Corps, Washington, D.C., HQ Bn Henderson Hall, Arlington, VA, Finance Center, Kansas, MO. Includes station operation related to base telephone facilities, communications center and security network.

Excludes those systems industrially funded or those elements ashore directly supporting the fleet operating forces; industrially-funded systems and telecommunications activities ashore primarily supporting Fleet Marine Force commands; and DCS switched network support (PEs 0303112F and 0303126F).

0901296A Base Operations - Administrative (H);X-80-001;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following functional categories of effort at installations which have a primary mission of supporting Program 9 (administration) activities:

Administration:

Installation Headquarters Administration and Command (including squadron level responsible for Base Operations), Installation Comptroller services, Installation ADP services, Installation Information Activities, Installation

Legal Activities, Installation Civilian Personnel Administration,, Installation Military Personnel Administration, Installation Printing and Reproduction, Installation Safety, Installation Management Analysis/Management Engineering

Retail Supply Operations: Installation Supply Activities, Installation Procurement Operations, Installation Storage Activities

Maintenance of Installation Equipment (includes maintenance of administrative aircraft, vehicles and equipment but excludes maintenance of tactical equipment, combat vehicles and mission aircraft.)

Other Base Services: Installation Transportation Activities, Installation Training (excludes troop training and tactical exercises), Installation Physical Security and Police Activities, Laundry and Dry Cleaning (for troop support and other appropriated fund activities), Installation Airfield/Air Base Operations (control tower, weather, flight services, etc.), Installation Restoration

Bachelor Housing Operations and Furnishings (management; housing assignment; care of quarters; provisions, care, preservation and maintenance of furnishings, etc.)

Other Personnel Support: Food Service, Social Action, Community Services, Chaplains, Bands, Morale, Welfare and Recreation

Excludes the following functional categories which are a part of the standard definition of Base Operating Support, but are reported under separate PE's:

Maintenance and Repair of Real Property, Minor Construction, Operation of Utilities, Other Engineering Support, Base Communications, Commissary Operations: Retail and Troop Issue, Station Hospitals, Medical and Dental Clinics and Dispensaries, Family Housing

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09012960 (F,N,M) Base Operations - Administrative;X-95-1;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following functional categories of effort:

Administration: Installation Headquarters Administration and Command, Installation Comptroller Services, Installation ADP Services, Installation Information Activities, Installation Legal Activities, Installation Civilian Personnel Administration Installation Printing and Reproduction, Installation Safety, Installation Management Analysis/Management Engineering.

Retail Supply Operations, Installation Supply Activities, Installation Procurement Operations, Installation Storage Activities.

Maintenance of Installation Equipment (includes maintenance of administrative aircraft, vehicles and equipment but excludes maintenance of tactical equipment, combat vehicles and mission aircraft). Other Base Service: Installation Transportation Activities, Installation Training (excluding troop training and tactical exercises). Installation Physical Security and Police Activities, Laundry and Dry Cleaning (for troop support and other appropriated fund activities). Installation Airfield/Air Base Operations (control tower, weather, flight services, etc.), Installation Restoration.

Bachelor Housing Operations and furnishings (management, housing assignment, care of quarters, provisions, care, preservation and maintenance of furnishings, etc.)

Other Personnel Support: Food Service, Social Action, Community Services, Chaplains, Bands, Morale, Welfare, and Recreation.

Excludes the following functional categories which are a part of the standard definition of Base Operating Support, but are reported under separate PEs:

Maintenance and Repair of Real Property, Real Property Services, Minor Construction, Base Communications, Commissary Operations, Retail and Troop Issue, Station Hospitals, Medical and Dental Clinics and Dispensaries, Family Housing.

0901298D Management Headquarters (Public Affairs)(H);X-0-10;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to all manpower and related resources engaged primarily in public information and community relations, defined below, and located in one of the management headquarters organizations listed in Enclosure 2 of DoDD 5100.73, "Management Headquarters."

Public Information: All functions and activities which are performed primarily for the purpose of providing official information about the Military Departments and Defense Agencies to the public and public media, such as press, radio and television, magazines and books, motion pictures, or other outlets. Public information products are generated in response to requests for information, also at the initiative of the Department of Defense , to fulfill its obligation of informing the public within the bounds of security and in accordance with DoD Directive 5230.1.

Community Relations: All functions and activities which are performed primarily for the purpose of contributing to good relations between the Military Departments and Defense Agencies and all segments of the civilian population at home and abroad to help foster mutual acceptance, respect and cooperation.

Excludes costs of internal information and attendant recruiting and retention programs and management costs, such as security review and administration.

09012980 (A,F,M,N) Management Headquarters (Public Affairs);X-1-006;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to all manpower and related resources engaged primarily in public information and community relations, defined below, and located in one of the management headquarters organizations listed in Enclosure 2 of DoDD 5100.73, "Management Headquarters."

Public Information: All functions and activities which are performed primarily for the purpose of providing official information about the Military Departments and Defense Agencies to the public and public media, such as press, radio and television, magazines and books, motion pictures, or other outlets. Public information products are generated in response to requests for information, also at the initiative of the Department of Defense , to fulfill its obligation of informing the public within the bounds of security and in accordance with DoD Directive 5230.1.

Community Relations: All functions and activities which are performed primarily for the purpose of contributing to good relations between the Military Departments and Defense Agencies and all segments of the civilian population at home and abroad to help foster mutual acceptance, respect and cooperation.

Excludes costs of internal information and attendant recruiting and retention programs and management costs, such as security review and administration.

0901396A Base Operations - Real Estate Leases -Administrative;X-95-1;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following functional categories of effort:

Administration: Installation Headquarters Administration and Command (including squadron level responsible for Base Operations), Installation Comptroller Services, Installation ADP Services, Installation Information Activities, Installation Legal Activities, Civilian Personnel Administration, Installation Military Personnel, Administration Installation Printing and Reproduction, Installation Safety, Installation Management Analysis/Management Engineering.

Retail Supply Operations: Installation Supply Activities, Installation Procurement Operation, Installation Storage Activ ities.

Maintenance of Installation Equipment: (Includes maintenance of administrative aircraft, vehicles and equipment; but excludes maintenance of tactical equipment, combat vehicle and mission aircraft).

Other Base Services: Installation Transportation Activities, Installation Training (excludes Troop training and tactical exercise). Installation Physical and Police Activities, Laundry and Dry Cleaning (for troop support and other appropriated fund activities). Installation AirField/Air Base Operations (control tower, weather, flight service, etc.) Installation Restoration.

Bachelor Housing Operations and Furnishing: (management; housing assignment, care of quarters, provisions, care preservation and maintenance of furnishings, etc.)

Other Personnel Support: Food Service; Social Action; Community Service; Chaplain Services; Bands; Morale, Welfare and Recreation.

Excluded are the following functional categories which are a part of the standard definition of Base Operating Support, but are reported under separate PEs: Real Property Services, Minor Construction, Maintenance and Repair, Base Communications, Commissary Operations (Retail and Troop Issue), Station Hospitals, Medical and Dental Clinics and Dispensaries, Family Housing.

09015010 (A,F,D,N) Rescission To Be Determined;;

09015020 (A,F,N) Service Support to the Defense Technical Security Administration;X-0-09;
Includes military personnel support to the Defense Technical Security Administration.

09015030 (A,F,M,N) Service Support to OSD;;
Includes military personnel support to the OSD (military manpower and associated military personnel costs).

Primary activity supported: Command.

09015040 (A,F,M,N) Service Support to Washington Headquarters Services;X-0-09;
Includes military personnel support to Washington Headquarters Services.

09015050 (A,F,M,N) Service Support to Defense Legal Services;X-0-09;
Includes military personnel support to Defense Legal Services.

09015060 (A,F,M,N) Service Support to the Office of Economic Adjustment;X-0-09;
Includes military personnel support to the Office of Economic Adjustment.

09015070 (A,F,M,N) Service Support to TJS;;
Includes military personnel support to the JCS (military manpower and associated military personnel costs). Primary activity supported: Command. Includes Joint Conventional Ammunition Group (Army).

09015080 (A,F,M,N) Service Support to DAVA (H);X-8-04;
Includes military personnel support to the Defense Audiovisual Agency (military manpower and associated military personnel costs). Primary Activity supported: Audiovisual activities.

09015090 (A,F,M,N) Service Support to DIG;X-3-06;
Includes military personnel support to the Inspector General, DoD, (military manpower and associated military personnel costs). Primary activity supported: Command.

0901510D United States Court of Military Appeals, Defense;X-0-10;
The United States Court of Military Appeals is an Article I Court established by the Uniform Code of Military Justice (10 USC 867). The Court serves as the Court of last resort in the military justice system of the United States and is subject only to certioraris review by the Supreme Court of the United States in a limited number of cases. The Court's jurisdiction extends to the review of questions of law that have been approved by reviewing authorities and affirmed or set aside by a Court of Military Review.

Includes costs associated with salaries and benefits of judges and civilian staff positions, as well as all customary expenses required to operate a government activity such as: travel, rent of the Court building, postal services, communications services, printing, supplies, contracts, equipment, and equipment maintenance.

0901511D Contingencies;;

Includes costs of emergency and extraordinary expenses arising in the Department of Defense, to be expended on the approval of the Secretary of Defense. Specifically includes only appropriations for contingencies, defense; and military construction - defense agencies.

Excludes all other DoD appropriations.

09015120 (A,D,F,N) Claims;X-8-04;
Includes costs of payments not otherwise provided for by claims authorized by law to be paid for by the Department of Defense.

09015130 (A,F,N) Audiovisual Activities (H);X-79-012;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following centrally managed audio visual activities which are not industrially funded:

Aerospace Audio-Visual Service Headquarters, USAF Audio-Visual Center, Film Depository, Photographic Squadrons/Detachments/Flights/Operating Locations, Film Distribution, U.S. Army Photographic Agency, Mobile Television Detachments, U.S. Navy Photographic Center, Laboratories (Motion Picture and Still), Television (Fixed Facilities), Army Pictorial Center.

Excludes photographic support activities associated with tactical units, optical, and electronic instrumentation activities associated with weapons systems test ranges, reconnaissance, and mapping photography, telemetry, and the American Forces Radio and Television Service.

09015140 (A,D) Interdepartmental Activities (H);;

0901515A Other Support Activities (H);;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Administrative boards, Committees and staffs, Exchange activities, United States Court of Military Appeals - OSD, Defense Manpower Data Center - DLA, Special foreign currency - Historical for Army and DIA, Centrally managed programs - Navy, Operations study groups - Navy

Excludes military construction contingencies.

09015150 (D,F,N,L,S,W) Other Support Activities;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Administrative boards, Committees and staffs, Exchange activities, Defense Manpower Data Center - DLA, Special

foreign currency - Historical for Army and DIA, Centrally managed programs - Navy, Operations study groups - Navy

Excludes military construction contingencies.

0901516R Defense Contract Audit Agency Activities;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

DCAA regional offices, branch offices, major and subresident offices, and liaison offices.

0901517X Inspector General, DoD, Audit Related Activities;X-4-01;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Assistant Inspector General for Auditing; Assistant Inspector General for Audit Followup.

09015180 (A,F,M,N) Service Support to Non-DoD Activities (Non-Reimbursable);;
Includes military and civilian manpower assigned on a nonreimbursable basis to activities/functions not part of the military functions of the Department of Defense, in accordance with DoD Directive 1000.17, such as the following:

Executive Offices of the President

Commerce Department Interior Department Justice Department State Department Transportation Department

Miscellaneous Activities: American Revolution Bicentennial Administration Energy Research & Development Administration Environmental Protection Agency National Science Foundation Radio Technical Committee for Aeronautics United Nations Truce Team U.S. District Court, Vice Presidential Quarters and support.

Classified Activities

Personnel billets detailed outside the Department of Defense for which no reimbursement is received involve billets mutually beneficial to the Department of Defense and the receiving activity, such as the National Security Council. The nonreimbursables may include personnel detailed to agencies which by law require the Department of Defense to provide personnel to assist, such as Environmental Protection Agency, and personnel assigned to agencies under the authority of the President. The Department of Defense is not reimbursed for these personnel.

Excludes forces.

09015190 (A,F,M,N) Service Support to Non-DoD Activities (Reimbursable);;
Includes military and civilian manpower assigned on a reimbursable basis to activities/functions of other U.S. Government agencies not part of the military functions of the Department of Defense, in accordance with DoD Directive 1000.17, such as the following:

Agriculture Department Commerce Department Interior Department Justice Department State Department Transportation Department

Miscellaneous Activities: American Battle Monuments Commission Arms Control & Disarmament Agency Canal Zone Government Defense Manpower Commission Energy Research & Development Administration Environmental Protection Agency Federal Energy Administration General Services Administration Memorial Affairs National Aeronautics and Space Administration National Science Foundation Selective Service System Special Boards and Committees U.S. Soldiers' and Airmen's Homes

Classified Activities

Personnel are assigned to support non-DoD activities only in furtherance of the interests of the Department of Defense when authorized by law and when consistent with the provisions of 31 USC 686 which provides for the use of an existing capability of a Federal Agency to support another Federal Agency not possessing that capability. In these instances, there is a legitimate DoD interest in the activity and the receiving agency reimburses the Department of Defense. For example, the National Science Foundation rather than forming and training an aviation unit and supporting logistics, "buys" the service from DoD (the Navy) to support its Antarctic program, recognizing that DoD has the capabilities as well as an interest.

Excludes forces and TOA, and personnel reimbursed by a foreign government.

09015200 (A,X) Criminal Investigations;X-4-01;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Provide criminal investigative support to all U.S. Army elements world-wide, perform other criminal investigative functions as may be assigned by Headquarters, Department of the Army, and make recommendations to higher, collateral, and lower echelons on criminal investigative matters. Includes all U.S. Army Criminal Investigation Command activities including costs of laboratories.

Includes the functions which provide administrative and operating support to the Office of the Secretary of Defense and other Department of Defense activities, specifically the Inspector General. Includes the offices of: Assistant Inspector General for Investigations.

0901521D Defense Facilities Replacement;X-5-03;
This program element contains Defense Facilities Replacement resources as required for the implementation of section 807 of the FY 1984 Military Construction Authorization Act which amended title 10, United States Code, to add a new section 2667a, entitled "Sale and Replacement of Nonexcess Real Property." Subject to specfic conditions, the Secretary of Defense is authorized to sell real property under the control of the Department of Defense and to use the resulting resources in the acquisition of land, construction, and facilities to replace facilities and land sold.

Excludes manpower and related costs.

09015220 (A,F,M,N,DA,DF,DM,DN) Service Support to Defense Finance and Accounting Service;X-91-1;

Includes military personnel support (manpower) for the Defense Finance and Accounting Service.

0901523D Pan American Games;X-7-04;
Includes logistical support and personnel services (other than pay and nontravel related allowancees of members of the Armed Forces of the United States, except for members of the reserve components thereof called or ordered to active duty to provide support for the Tenth International Pan American Games) provided by any component of the Department of Defense.

Excludes civilian and military manpower and their related costs and military construction costs which are included in appropriate management and support elements in this program.

0901524D XIII Olympic Winter Games;X-78-016;
Includes resources for an Operations and Maintenance appropriation entitled XIII Olympic Games.

This a transfer fund account available to the Secretary of Defense for Logistical Support and Personnel Services to the XIII Olympic Winter Games at Lake Placid, New York. During Fiscal Year 1979, the Secretary of Defense may transfer the funds made available for this purpose to any appropriation contained in Title I (Military Personnel) or Title III (Operation and Maintenance). The funds transferred shall be merged with and made available for the same purpose as the appropriation to which transferred.

Excludes transfers to the Procurement, RDT&E and Construction appropriations.

0901525D Office of Economic Adjustment;X-79-003;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

The Office of Economic Adjustment.

0901526Y Defense Audiovisual Agency (H);X-79-012;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Centrally managed audiovisual (AV) activities:

The AV production, AV production acquisition, AV booking and distribution, and AV depositories and record centers, and related AV support activities assigned to the DAVA. The AV resources involved are:
- The Training and Material Support Detachment, Tobyhanna Army Depot, PA.
- The Still Photo Depository and Records Center, US Army Audiovisual Agency, Washington, D.C.
- The Motion Picture/Television Production Division and related production acquisition functions, Redstone Arsenal Support Activity, Redstone Arsenal, Al.

- The Film Management Staff Office, production distribution, motion picture and still photo depository functions, Naval Photographic Center, Washington, DC.
- The AV production acquisition functions of the Naval Region Procurement Office, Washington, DC.
- The still photo depository and Motion Picture/Television Depository (USMC), Quantico, VA.
- Audiovisual production, AV production acquisition, distribution and depository functions at the Air Force Audiovisual Center, Norton AFB, CA.
- The Air Force Central Still Photo Depository, 1361 Photo Squadron, Arlington, VA.
- The ADP support of DoD AV functions, Air Force Data Services Center, Washington, DC.
- The related support activities.

This program element applies solely to the Defense Audiovisual Agency.

Excludes the still photo, motion picture, television (fixed and mobile) and audio recording, production and documentation activities, the motion picture and still photo laboratories, the field AV libraries and the related support activities assigned to the Military Departments and DoD Agencies (other than DAVA), including those of the Aerospace Audiovisual Service and the US Navy Photographic Center. Audiovisual support activities associated with tactical units, optical instrumentation and electronic instrumentation activities associated with weapons systems test and other ranges, reconnaissance, mapping photography, telemetry, the American Forces Information Service, and the American Forces Radio and Television Service outlets are also excluded.

09015270 (BD,DBD) Financial Operations;X-92-1;;

Includes manpower authorizations, peculiar and support equipment and the associated direct and indirect costs associated with Defense finance and accounting procedures, systems, and operations specifically identified and measurable to the following:

Defense Finance and Accounting Service-Cleveland Center

Defense Finance and Accounting Service-Columbus Center

Defense Finance and Accounting Service-Indianapolis Center

Defense Finance and Accounting Service-Kansas City Center

Defense Finance and Accounting Service-Denver Center

Defense Finance and Accounting Service-Washington Center

09015280 (DA,DF,DM,DN,DS) Printing and Publication Service ;X-92-1;;

Includes manpower authorizations, peculiar and support equipment and the associated direct and indirect costs specifically identified and measurable to organic or contract publishing and printing services.

0901530X Inspector General, DoD Inspection Activities;X-3-04;

Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Providing a quick reaction capability for dealing with complaints received over the Defense Hotline or by the Secretary or Deputy Secretary of Defense as well as the normal inspection functions for the Defense Logistics Agency.

The office covered under this program element is the Assistant Inspector General for Inspection.

0901531D White House and International Negotiations Support Group;X-5-05;
This program includes personnel and related costs of both the White House Support Group (WHSG) and the Negotiations Support Group (NSG), field activities of the Washington Headquarters Services. The WHSG provides administrative support to the White House Staff and the Executive Office of the President. The NSG provides administrative support for various multinational negotiations teams.

0901532D Defense Technology Security Administration;X-5-09;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Resources devoted to the operation of the Defense Technology Security Administration (DTSA) and that portion of the DTSA program which is centrally funded. The mission of the DTSA, as stated in DoD Directive 5105.51, "Defense Technology Security Administration," is to:

Administer the DoD Technology Security Program to review the international transfer of defense-related technology, goods, services, and munitions consistent with U.S. foreign policy and national security objectives.

Ensure the implementation of DoD technology security policy relative to the international transfer of defense-related technology, goods, services, and munitions.

Assure expeditious processing of export licence applications consistent with national security objectives, making the fullest use of automation and other techniques. Support actively, intelligence and enforcement activities of USG Departments and Agencies to restrain the flow of defense-related technology, goods, services, and munitions to potential adversaries.

Provide support to the Under Secretary of Defense for Policy and Under Secretary of Defense for Research and Engineering in carrying out their responsibilities assigned under DoD Directive 2040.2, "International Transfers of Technology, Goods, Services, and Munitions."

0901533D Defense Information Services Activity;X-5-09;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

1. Freedom of Information: All functions and activities which are performed primarily for the purpose of supporting official Freedom of Information programs.

2. Security Review: All functions and activities which are performed primarily for the purpose of reviewing materials including print, motion pictures, audiovisual and presentations to ensure that the contents are unclassified.
3. Public Correspondence: All functions and activities which are performed primarily for the purpose of responding to public correspondence addressed to the Secretary of Defense or the Department of Defense from the White House or Congress.
4. Programs: All functions and activities which are performed primarily for the purpose of providing long-range coordination and advance planning of travel for the Secretary of Defense and other senior DoD officials.
5. Editorial Services: All functions and activities which are performed primarily for the purpose of providing assistance to the ASD(PA) in response to requests from, or operational requirements of, the Secretary and Deputy Secretary of Defense.

0901534D Management Improvements;;

09015350 (D,K) Corporate Information Management (CIM);X-0-08;
The Department of Defense established the Corporate Information Management (CIM) initiative in October 1989. The CIM effort will se ek to identify and implement management efficiencies throughout the information system life cycle, to develop common data requiremen ts and formats and to eliminate redundant multiple information systems that support the same functional requirements.

The program is being implemented through two types of groups. The first is an executive-level group, to be constituted as a Federal Advisory Council, consisting of industry and DoD leaders, who will recommend an overall approach and action plan for the DoD Corpor ate Information Management Program, evaluate current oversight practices, and review the procedures of the functional groups that wi ll analyze the Department's various functional areas.

The second type of groups are the functional (business) area groups. The groups include Services' and Defense Agencies' policy expe rts, subject matter specialists, functional operation specialists, and information systems specialists. These groups will develop c oncepts for improving business practices that may result in increased management efficiencies. They will identify and develop stand ard functional requirements and data formats for their areas, using a disciplined methodology to produce specifications for a single standard information system to support their functional areas DoD-wide. Their product will be a set of standard functional require ments that will be used in developing a standard informational system that supports their respective business areas.

0901536D Defense Prisoner of War and Missing in Action Activities;X-94-3;;
The Defense Prisoner of War and Missing in Action Office (DPMO) provides centralized management of prisoner of war and missing in action (POW/MIA) affairs within the Department of Defense. DPMO's responsibilities include serving as the focal point for POW/MIA matters, providing participation in negotiations with officials of foreign governments, assembling, analyzing, and maintaining the data bases for information on U.S. military and civilian personnel who are, or were, prisoners of war or missing in action, and providing DIA a statement of intelligence collection requirements.

09015370 (DN,DS) Information Services;X-92-1;;

Includes manpower authorizations, peculiar and support equipment and the associated direct and indirect costs specifically identified and measurable to regional information systems services.

Includes all Naval Computer and Telecommunications Command and DLA DSAC activities.

0901541D Chemical Agents and Munitions Destruction - RDT&E;X-0-01;
Includes RDT&E resources, not otherwise provided for, necessary for the destruction of the U.S. stockpile of lethal chemical agents and munitions in accordance with the provisions of section 1412 of DoD Authorization Act, 1986, PL 99-145.

Excludes manpower and related costs.

0901542D Chemical Agents and Munitions Destruction - Procurement;X-0-01;
Includes procurement resources, not otherwise provided for, necessary for the destruction of the U.S. stockpile of lethal chemical agents and munitions in accordance with the provisions of section 1412 of DoD Authorization Act, 1986, PL 99-145.

Excludes manpower and related costs.

0901543D Chemical Agents and Munitions Destruction - O&M;X-0-01;
Includes O&M resources, not otherwise provided for, necessary for the destruction of the U.S. stockpile of lethal chemical agents and munitions in accordance with the provisions of section 1412 of DoD Authorization Act, 1986, PL 99-145.

Excludes manpower and related costs.

0901544D Chemical Agents and Munitions Destruction - Retrograde;X-0-01;
Includes resources, not otherwise provided for, necessary for the removal of unitary chemical munitions stored in Europe, in accordance with PL 101-165.

Excludes manpower and related costs.

0901585D Pentagon Reservation;X-91-1;
Includes manpower authorizations and the associated operating, renovation and construction costs directly measurable the Pentagon Reservation Complex.

0901598D Washington Headquarters Services;X-1-004;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

The functions which provide administrative and operating support to the Office of the Secretary of Defense and other Department of Defense activities.

0901600D Contract Administration/Audit (H);X-94-3;;

0901605DS Contract Management (DBOF);X-93-2;;

0901610DR Contract Auditing (DBOF);X-93-2;;

09018530 (A,F,M,N) Environmental Conservation;X-94-6;;
Conservation includes any action specifically required to protect or enhance natural and cultural resources, preserve access to improved and unimproved training areas, and make necessary repairs to minimize erosion and otherwise rehabilitate DoD lands and waters. This includes complying with federal, state and local codes such as the National Historic Preservation Act, Archaeological Resources Protection Act, Native American Graves Protection and Repatriation Act, Endangered Species Act, Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), and the Sikes Act.

Funds all costs associated with direct support of conservation activities, including:

A. Studies and surveys to identify, inventory, and manage existing natural and cultural resources and evaluation of the resources so identified and inventoried;
B. Management costs, including workyears devoted to natural and cultural activities and preparing natural and cultural resource management plans;
C. Permits for use of natural and cultural resources;
D. Certification of innovative technology for DoD applications;
E. Design, construction, maintenance or repair costs specifically required to restore, improve or maintain natural or cultural resources;
F. Supplies and equipment required to carry out applicable natural and cultural resources management activities;
G. Appropriated funds attributable to fish, wildlife, agricultural outleasing and timber management activities.

Excludes:

A. Base Closure costs associated with these programs;
B. Normal maintenance required for appearance, including landscaping;
C. NEPA costs associated with facilities or weapons systems which are included in facility or weapon system

costs;
D. Activities funded in the Defense Business Operations Fund (DBOF), which are charged to the appropriate DBOF program elements.

09018540 (A,F,M,N) Pollution Prevention;X-94-6;;
Pollution prevention is any action that is designed to reduce or eliminate (rather than control or treat) the future impact that an operation may have on the environment (including impacts to the air, surface and ground waters, vegetation and soils) through the source reduction of pollutants, more efficient use of natural resources, recycling, and/or reduced emissions of toxic and other undesirable materials or wastes to the environment.

Funds all costs associated with pollution prevention, including:

A. Certification of innovative technology for DoD applications;
B. Any laws, Executive Orders, or DoD policies that apply specifically to pollution prevention efforts;
C. Initial acquisition of environmentally acceptable replacements for hazardous materials required to comply with pollution prevention standards; (excludes normal replacement of hazardous material with less hazardous materials);
D. Installation level pollution prevention plans, assessments, equipment, and projects;
E. Review and modification of standardized documents for the sole purpose of eliminating or reducing the use of toxic chemicals and/or hazardous materials;
F. Cost of personnel and office operations directly involved with pollution prevention programs (including recycling programs);
G. Any facilities construction costs or maintenance costs primarily required to meet pollution prevention goals;

Excluding:

A. Research and development efforts associated with pollution prevention, which are covered under specific R&D program elements;
B. Normal infrastructure maintenance and repair to keep a system in good working order or system replacement as part of normal replacement cycles;
C. Activities funded in the Defense Business Operations Fund (DBOF), which are charged to the appropriate DBOF program elements;
D. Activities funded as part of a larger system acquisition program, which should be separately identified through cost accounting codes under the main system acquisition program element. For example, pollution prevention efforts included in the design of a new weapon system would be under the PE of the weapon system;
E. Base closure costs associated with these programs;
F. Activities funded within Family Housing program elements.

0902010F Enhanced SORTS Capability Assessment Module (ESCAM) (H);X-0-10;

ESCAM will provide output measure of warfighting capability based on the integration of current levels and status of resources available to combat flying units. ESCAM will provide commanders with a measure of capability against tasking and will highlight limiting resources. ESCAM will support the planning and resource allocation process and provide and analystical basis for C-level determination within the Status of Resources and Training System (SORTS). ESCAM will be developed using an evolutionary approach by building prototypes, incorporating known requirements while simultaneously working with MAJCOM users to further refine functional requirements.

Civilian and military authorizations will be associated with this PE.

0902198D Management Headquarters (OSD);;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

The Office of the Secretary of Defense.

Excludes nonmanagement headquarters resources.

0902298J Management Headquarters (OJCS);;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

The Organization of the The Joint Staff.

Excludes nonmanagement headquarters resources.

09023980 (A,F,M,N) Management Headquarters (Departmental);X-1-006;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

ARMY: Army Secretariat (OSA) Army Staff

NAVY: Navy Secretariat (SECNAV) Chief of Naval Operations Staff (OPNAV)

MARINE CORPS: Headquarters Marine Corps (HQ MC) Office of CMC and Principals

AIR FORCE: Air Force Secretariat (OSAF) Air Staff

Excludes nonmanagement headquarters resources. Refer DoDD 5100.73 Army Criminal Investigation Division Command HQ. See PE 0902598A. WWMCCS ADP. Telecommunications activities in the Air Staff. See PE 0303198F. Public Affairs. See PE 09012980. Headquarters of Reserve Components, Selected Reserve units and Mobilization Assignees. See Program 5 Management Headquarters PEs. Management Headquarters (administrative). See PE 09024980. MGT HQ GDIP PE 03013980.

09024900 (A,F,M,N) Visual Information Activities-Administrative;X-6-06;

Funds Visual Information programs, consisting of the following subsets: Visual information (VI) productions and services and VI support.

Includes manpower authorizations and costs, travel, contractual services, procurement of supplies and materials, expense equipment, necessary facilities and the associated costs specifically identified, separable into "in-house" and "contract" portions, and measurable to the following administrative functions, as appropriate:

o VI Productions and Services. Produce or acquire VI productions (i.e., slide and slide-sound sets, film strips, multi-media, video disc, audio productions, combination media), and motion media with sound. Includes resources for scripting, preproduction, production, postproduction, libraries, duplication, distribution, production project management, and other related and associated services.

o VI Support. Provide VI operational (combat and technical) documentation, still and motion picture photography, video, audio, radio and television closed circuit and broadcasting (not Armed Forces Radio and Television Service (AFRTS)) services, graphic art, VI records centers, VI records holding facilities, presentation support, repair and maintenance, video teleconferencing terminals, related and associated services, and their supervision.

o Joint Visual Information Services (JVIS). Resources to operate and maintain JVIS production, depository, and distribution activities assigned by OASD(PA), as a joint mission for DoD.

Excludes VI management at command and component headquarters and OSD. Excludes technical documentation support not available from base VI services, integral to the mission of organizations supported, and identified in other program elements. VI equipment integral to technical documentation functions is also excluded. It does not include VI activities with discrete program elements such as: Armed Forces Radio and Television Service.

09024980 (A,F,M,N,R,X) Management Headquarters (Administrative);X-9-05;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Army: Headquarters, Military District of Washington; MDW Staff Support Activity, Program Management Systems Development Agency, USA Intelligence Operations Detachment, USA Research, Development and Acquisition Information Systems Agency, the General Officers Mess 1 (OSA), and the U.S. Environmental Office.

Navy: Naval District of Washington 1/ , Field Support Activity, Naval Civilian Personnel Command Headquarters 1/ , Naval Military Personnel Command Headquarters 1/ OPNAV Support Activity, Naval Data Automation Command Headquarters.

Marine Corps: Staff Management Activity

Air Force: Headquarters, USAF support staff includes the 1947 Administrative Support Group with administrative, logistical, professional, and technical functions integral to effective operation of the Management Headquarters.

Defense Contract Audit Agency: DCAA Headquarters.

Inspector General, DOD: Immediate Office of the Inspector General, DOD; the Office of the Assistant Inspector General for Management; the Assistant Inspector General for Audit Oversight and Policy; and the Assistant Inspector General for Criminal Investigations Oversight and Policy.

Excludes nonmanagement headquarters resources (refer DODD 5100.73) and Management Headquarters (Departmental) -

(PE 09023980). 1/ Note: Only organizational elements that are management headquarters.

0902598A Management Headquarters (Criminal Investigation);;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: Criminal Investigation Division: Command Hq.

0902698Y Management Headquarters - DAVA;X-79-012;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Defense Audiovisual Agency (DAVA) headquarters.

Excludes nonmanagement headquarters resources associated with DAVA field activities (0901526Y).

0902798A Management Headquarters (Construction);X-0-03;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifiable and measurable to the following:

Army Headquarters, United States Army Corps of Engineers

Excludes: nonmanagement headquarters resources (refer to DoDD 5100.73)

0902898F Management Headquarters, ADP Support (OSD);X-1-006;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to data processing and management science services in direct support of the Office of the Secretary of Defense (OSD).

Air Force: Air Force Data Services Center (AFCC).

0902998F Management Headquarters, ADP Support (AF);X-1-006;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to data processing and management science services in direct support of Air Force Departmental Headquarters (OSAF and Air Staff).

Air Force: Air Force Data Services Center (AFCC).

0903010D Defense Office of Hearings and Appeals;X-94-6;;
This program includes personnel and related costs of the Defense Office of Hearings and Appeals (DOHA), a field activity of the Defense Legal Services Agency.

0903098D Management Headquarters (Defense Legal Services Agency);X-6-01;
Includes manpower authorizations and approved funding to provide legal advice and services for the Office of the Secretary of Defense and its field activities and the Defense Agencies. Legal services and advice include technical support and assistance for the development of the Department of Defense Legislative Program, coordination of Department of Defense positions on legislation and Presidential Executive Orders, centralized service for legislative and Congressional document reference and distribution for the Department of Defense and the Department's historical legislative files, and such other related functions as are within the authority of the General Counsel of the Department of Defense.

09031880 (A,F,M,N) Service Support to Defense Support Activities;X-91-2;
Includes military personnel support (manpower and associated military personnel costs) for the following activities:

Defense Manpower Data Center (FM&P);
Training and Performance Data Center (FM&P);
Defense Priority Placement Program (FM&P);
Defense Productivity Program Office (FM&P);
Total Quality Management Support Office (USD(A));
Defense Science Board (USD(A))
Management Support Center (P&L);
Defense Analysis and Studies Office (P&L);
Defense Environmental Support Office (P&L);
Defense Installation Support Office (P&L);
Defense Logistics Support Office (P&L);
Defense Procurement Support Office (P&L);
Defense Quality and Standardization Office (P&L);
Defense Systems and Programs Office (P&L);
Office of Industrial Base Assessment (P&L).

0903198S Defense Support Activities;X-91-2;

DoD Support Activities (DSA) are OSD and DOD-Wide activities administered by the Defense Logistics Agency. Includes manpower authorizations, peculiar and support equipment, necessary facilities and associated costs specifically identified and measurable to the following:

Defense Manpower Data Center (FM&P);
Training and Performance Data Center (FM&P);
DoD Civilian Personnel Support Center (FM&P);
Defense Productivity Program Office (FM&P);
Total Quality Management Support Office (USD(A));
Defense Science Board (USD(A))
Management Support Center (P&L);
Defense Analysis and Studies Office (P&L);
Defense Environmental Support Office (P&L);
Defense Installation Support Office (P&L);
Defense Logistics Support Office (P&L);
Defense Procurement Support Office (P&L);
Defense Quality and Standardization Office (P&L);
Defense Systems and Programs Office (P&L);
Office of Industrial Base Assessment (P&L).
Management Support Center (P&L);
Management Systems Support (Compt)

09049010 (A,D,E,F,N) Undistributed Adjustments;;
Includes temporary assignment of force, TOA, or manpower resource adjustments pending determination of appropriate program element distribution of such resources. Resource data will be entered into this element in the FYDP data file only on the basis of specific provision in a Program Change Decision.

0904902D Undistributed Productivity Contingencies;X-80-006;
Includes Undistributed Contingencies-Defense (RIC 0475) resources to be used to fund productivity investment projects. Resources will appear only for the program years, resources for the budget year will be transferred out as approved in budget review decisions.

0904903D Defense-Wide Resources;;

0904904D CHAMPUS-Undistributed;;

0904905D Program Estimates;;;

0904906D Unanticipated Requirements;;;

0904907D Topline;;

0904908D Future Program/Budget Adjustments;X-94-3;;;
This element is for DoD Comptroller(P/B) use only.

0904909D Other Legislation;X-95-2;
This element is for USD(Comp) use only.

0904910D DoD-Wide Savings Proposals;X-95-2;
This element is for USD(Comp) use only.

09069010 (A,D,F,N) Net Unfinanced;;
Includes for the current year and for the budget year during the first six months of the calendar year, the equal and opposite offset (generally minus) of PCD-approved TOA and manpower adjustments usually associated with approved supplemental appropriation requirements which, if not offset, would reflect deviation from the program contemplated in the preceding annual President's budget. Authorization for entry of data into this program element will be by specific provision in the applicable Program Change Decision.

0906902D Unanticipated Requirements;;;

0908610A Information Management-Automation-Program 9;X-9-04;

Includes civilian and military manpower authorizations and related costs as applicable. Provides resources for staff supervision at major command (MACOM) and installation levels of information management activities; includes all costs associated with mission-related data processing facilities to include personnel, supplies, equipment, design costs, analysis, programming, and operations and maintenance expenses.

Excludes manpower and related costs of Automation Acquisition management and support (PEO/PM life cycle management costs), central software design, and operation of Life Cycle Software Support Centers (see specific PEs for these costs and definitions).

0908615A Automated Acquisition Mgt & Spt: Project Mgrs-Program 9;X-9-04;
Includes manpower authorizations, peculiar and support equipment, necessary facilities, and the associated costs specifically identified and measurable to the following:

The operation of Army Acquisition Executive chartered Program Executive Officer/Project manager offices and other Army chartered Project Managers for automated information systems developed and fielded under the DoD 7920 Life Cycle Management Directives. Includes the salary and expense costs for the life cycle of the system.

Excludes the costs of development, fielding or operation of the hardware and software associated with these systems. Excludes Program Executive Officer/Project manager costs for systems developed under the guidelines of the DoD 5000 acquisition management series of directives.

0908616A Information Mgt-Central Software Design-Program 9;X-9-04;
Includes manpower authorizations, peculiar and support equipment, necessary facilities, and the associated costs specifically identified and measurable to the following:

The operation of an organization, or segments thereof, which is responsible for designing, coding, testing, documenting, and subsequently maintaining/modifying executive or application software for use Major Command or Armywide. Includes technical assistance, field assistance to users, quality assurance, and library operations when these functions are performed in support of a central software design activity. Also includes resources for contractor designed and developed software.

Excludes costs attributable to software design for systems being fielded under the DOD 5000 series of acquisition directives.

09087190 (A,F,M,N) Child Development;X-93-3;
Includes manpower authorization, facilities, supplies and support equipment and associated costs specifically identified and measurable to the intellectual, social, emotional and physical development of children. The primary sources are child development centers and family child care/family day care home which are government quarters, owned or leased.

09087200 (A,F,M,N) Family Centers;X-93-3;
Includes manpower authorization, facilities, supplies and support equipment and associated costs specifically identified and measurable to the Services and includes:

Spouse employment, relocation assistance, crisis referral and aid for families, financial management planning, information concerning family support resources, and services for families with special needs.

09089010 (A,D,F,N) Special Resources Set Aside;;
Includes for the current or budget year, and prior years as applicable,the equal and opposite offset (generally plus) of PCD-approved TOA and manpower adjustments usually associated with formal DoD expenditure reduction program; e.g., Projects 683 and 693, which, if not offset, would reflect deviation from the program contemplated in the preceding annual President's budget. Authorization for entry of data into this program element will be by specific provision in the applicable Program Change Decision.

0909298A Management Headquarters: Service Acquisition Executives;X-0-05;
Includes manpower authorizations, peculiar and support equipment for the Service Acquisition Executives and their immediate support staffs for the execution of specific Service acquisition management functions prescribed under DODI 5000 series for Weapons systems and DODI 7920 for Management Information Systems for those systems for which SAE chartered PEO/PM have been established

Excludes PEO/PM offices and operational functions which are in other appropriate PE.

0909398A Management Headquarters: Chartered Program Executive Officers;X-0-05;
Includes Manpower Authorizations, peculiar and support equipment for the Program Executive Officers and "direct reporting Project Managers" chartered by the service Acquisition Executives and their immediate staffs.

Excludes Project/product managers operating under PEO charters which are funded in appropriate operations Program elements IAW DODI 5000 for weapons systems and DODI 7920 for Management Information Systems.

09099000 (All) Financing for Expired Account Adjustments;X-94-5;;
Includes amounts used from current appropriations to fund expired account adjustments under Section 1004 of the FY 1993 Defense Authorization Act. This provision allows an adjustment to be charged to a current appropriation if the adjustment would have been properly chargeable to an expired account for the same purpose, except that the account has insuffic ient balances.

09099980 (DD) Interactivity Obligation Adjustment;X-92-1;;
Adjusts obligational authority for all FYDP years for the multiple recording of customer orders or other interactivity transactions within a reimbursable program. This program element is applicable only to transactions within the Defense Business Operations Fund.

09099990 (A,F,M,N,D,E) Financing for Cancelled Account Adjustments;X-91-3;;
Included resources for payment of obligations which would otherwise have been chargeable to a cancelled account.

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Utliization of this program element is restricted to execution years only.

Reprogramming into this program element will be made in acordance with the purposes stated in Section 8080 of the FY 1991 DoD Appropriations Act (P.L. 101-511), subject to existing DoD reprogram policies, accounting directives and guidance.

10010010 (A,F,M,N) Vietnam (H);;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: Units or activities engaged primarily and justified upon the basis of providing MASF support of the Republic of Vietnam Armed Forces (RVNAF), including subsistence, materiel, training, construction, technical assistance, repair and rehabilitation, and supply operations (packing, crating, handling, and transportation of materiel provided RVNAF). Also includes DoD costs associated with the Joint AID/DoD Project Program in Vietnam which terminate at the end of FY 1975. Navy provides materiel support (craft, boats, weapons, ammunition, vehicles, radio, radar, equipment and consumable supplies) and services (training, transportation, technical assistance, ship overhauls). Navy does not provide manpower under this program element.

Excludes normal Military Department costs of MAAGS, Missions, and Military Groups.

10010020 (A,F) Laos (H);;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: Units or activities engaged primarily and justified upon the basis of providing MASF support for the Royal Laotian Armed Forces, including materiel and equipment support, training, the operation of logistical activities, and supply operations (packing, crating, handling, and transportation of materiel). MASF support for Laos terminates at end of FY 1974 with transfer of funding to the Military Assistance Program (MAP) beginning FY 1975.

Excludes normal military department costs of MAAGS, Missions and Military Groups.

10010030 (A,F,M,N) Thailand (H);;

10010040 (A,F,M,N) International Activities;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: Units and activities in support of United States participation in international military organizations. Specifically includes the United States contribution to the NATO and CEDA international budgets, and administrative, operational, and capital expense program costs, such as civilian salaries and allowances, utilities, communications, office supplies, military exercises, maintenance of buildings, various types of equipment, and maintenance of war sites. Capital expenses may include vehicles, electronic equipment, and military support equipment.

Excludes non-MAP billets in MAAGS, Missions, Military Groups, and other United States organizations performing similar functions; Management Headquarters (International) resources; and costs of United States General Purpose Forces committed to NATO but not directly associated with support of NATO Headquarters and agencies.

1001005A NATO Infrastructure (H);X-78-016;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs

specifically identified and measurable to the following:

The United States share of the NATO infrastructure program contributes to commonly-funded military facilities necessary to support US and other forces committed to the defense of NATO. Annual construction programs (slices) are developed by NATO major military command (SHAPE and SACLANT) and include items such as airfields, air defense facilities, communications, missile sites, war headquarters, nuclear storage sites, pipelines, and POL depots. Programs are cost-shared by NATO countries according to agreed percentage shares.

Excludes costs of land, access roads, and utilities connections which are a host country responsibility.

1001005D NATO Infrastructure;X-78-016;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

The United States share of the NATO infrastructure program contributes to commonly-funded military facilities necessary to support US and other forces committed to the defense of NATO. Annual construction programs (slices) are developed by NATO major military command (SHAPE and SACLANT) and include items such as airfields, air defense facilities, communications, missile sites, war headquarters, nuclear storage sites, pipelines, and POL depots. Programs are cost-shared by NATO countries according to agreed percentage shares.

Excludes costs of land, access roads, and utilities connections which are a host country responsibility.

10010060 (A,F,M,N) MAAGS, Missions, and Military Assistance Groups (H);;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs chargeable to Military Functions appropriations, and specifically identified and measurable to the following:

Military Assistance Advisory Groups (MAAGS) Military Missions Military Groups (Mil Groups) Other U.S. Organizations performing similar activities

Note: This program element will be retained through FY 1976 resources. It will be replaced by program elements 10010090, Service Support to Military Assistance Program, and 10010100, Miscellaneous Support to Other Nations, beginning with FY 197T resources, at which time this program element becomes historical.

Excludes activities chargeable to funds appropriated under the authority of the Foreign Assistance Act of 1974; and those reimbursable military personnel and direct-funded civilian personnel under MAP (PE 10010090).

1001007F International Fighter Aircraft (F-5E) (H);;
Includes RDT&E and procurement funds for acquisition if the F-5E aircraft for self-defense of Vietnam, Thailand, Korea, and Taiwan. Some other countries could also receive these aircraft. Funding sources are both MASF (Military Assistance Service Funded) and MAP (Military Assistance Program).

Excludes advanced training which is contained in PE 0207597F.

1001008A Vietnam Communications Support (H);;

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1001009A Service Support to OSD/DSAA, MAP-Reimbursable (H);X-94-3;;

10010090 (F,M,N) Service Support to OSD/DSAA, MAP-Reimbursable;X-78-008;
Includes military and civilian manpower assigned to DSAA and OASD(ISA) Security Assistance in direct support of Foreign Military Sales (FMS), reimbursable from FMS administrative funds. Also includes personnel assigned to or in support of military assistance advisory groups, military missions, military groups and other U.S. organizations performing assistance missions paid directly from the MAP appropriation.

Excludes military and civilian manpower and military pay of personnel assigned to DSAA and OASD(ISA) Security Assistance in direct support of MAP Grant Aid, nonreimbursable from FMS administrative funds (PE 10010110).

10010100 (A,F,N) Miscellaneous Support to other Nations;;
Includes DoD military and civilian manpower authorizations, peculiar and support equipment, necessary facilities and associated costs chargeable to the direct program of the military function appropriations and specifically identified and measurable to nonsecurity assistance activities.

Excludes DoD military reimbursable manpower and direct MAP-funded civilian manpower assigned to, or in direct support of, the Foreign Assistance Act of 1974, beginning with FY 197T resources (PE 10010090); see PE 10020020 for Foreign Military Sales reimbursable personnel.

10010110 (A,F,N) Service Support to OSD/DSAA - Nonreimbursable;X-94-1;
Includes military and civilian manpower and military pay of personnel assigned to DSAA and OASD(ISA) Security Assistance in direct support of the Military Assistance Program (MAP) grant aid. These personnel and costs are nonreimbursable from FMS administrative funds. Primary activity supported: MAP Grant Aid.

Excludes military and civilian manpower and military pay of personnel assigned to DSAA and OASD(ISA) Security Assistance in direct support of Foreign Military Sales (FMS),reimbursable from FMS administrative funds (PE 10010090).

1001012F NATO AEW&C Program;X-78-016;
Includes the manpower authorizations, peculiar and support equipment, necessary facilities and associated costs specifically identified and measurable to the operating costs of the E-3A aircraft systems for the US proportional share of the NATO Airborne Early Warning and Control (AEW&C) program.

1001013F WRM/Allies (H);X-6-01;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and associated costs specifically identified and measurable to the operating costs of the WAR Reserve Stock Allies (WRSA) and Special Contingency Stockpile (SCS) which do not apply to U.S. Forces.

1001014N Service Support to OSD/DSAA - Reimbursable;X-9-05;
Includes military and civilian manpower and military pay of personnel assigned to DSAA and OASD (ISA) Security Assistance in direct support of Foreign Military Sales (FMS), reimbursable from FMS administrative funds (PE 10010090).

10010150 (A,D,F,G,N) Technology Security Functions;X-2-007;
This program provides for review and evaluation of munitions cases, US and allied strategic trade cases, technical data exchange agreements, information exchange projects, science and technology agreements, reciprocal Memorandum of Understanding and other similar agreements; development and maintenance of military critical technologies list; Coordinating Committee (COCOM), Control Commodities List (CCL) and munitions list reviews; participation on Technical Advisory Committees and steering and working groups concerned with export control and technology transfer; other technology transfer activities as appropriate.

1001016D Humanitarian Assistance;X-93-2;;
Includes funding for non-lethal DoD excess property and supplies to foreign governments and recipients for humanitarian purposes.

10010170 (D,J) Partnership for Peace Activities;X-95-1;
This program supports the military efforts to lead the NATO alliance to broader, cooperative relationships with recently democratized central and East European nations. Additionally, it funds the Combined Joint Task Force Operations Program approved at the January 1994 NATO summit. PFP further supports airlift and unique adhoc training opportunities in support of joint and multinational training and integrated communications with our new partners.

1001018F NATO Joint STARS;X-95-4;;
Provides funds for all US Air Force participation in the development and selection of NATO's Alliance Ground Surveillance System (AGS), based on the US Joint STARS. The program will accomplish the US portion of the buildup and operation of the NATO AGS Embryonic Program Office, the Joint STARS Joint Program Office buildup in support of the NATO AGS, definition of the NATO AGS, systems integration studies, and initiation of the NATO AGS. The program will support travel and participation in meetings, studies, contractor support, and ADPE and administrative expenses.

1001094F Real Property Maintenance Activities (H);;

10010980 (A,F,M,N) Management Headquarters (International);X-1-006;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs

specifically identified and measurable to the following International Military Organizations:

North American Air Defense Command (NORAD), HQ NORAD, North Atlantic Treaty Organization (NATO), NATO Military Committee, Allied Command,Atlantic (ACLANT), HQ Supreme Allied Commander,Atlantic (SACLANT), HQ Eastern Atlantic Command (EASTLANT), HQ Western Atlantic Command (WESTLANT), HQ Iberian Atlantic Command (IBERLANT), HQ Submarines Allied Command,Atlantic (SUBLANT), HQ Striking Fleet,Atlantic Command (STRIKELANT), Allied Command,Channel (ACCHAN), Commander-in-Chief,Channel (CINCCHAN), Allied Command,Europe (ACE), Supreme HQ,Allied Powers,Europe (SHAPE), U.S. Army NATO/SHAPE Support Group,21st SUPCOM, HQ Allied Forces,Northern Europe (AFNORTH), HQ Allied Forces,Central Europe (AFCNET), HQ Northern Army Group (NORTHAG), HQ Central Army Group (CENTAG), HQ Allied Air Forces,Central Europe (AAFCE), HQ Allied Forces,Southern Europe (AFSOUTH), HQ Allied Air Forces,Southern Europe (AIRSOUTH), HQ Allied Naval Forces, Southern Europe (NAVSOUTH), HQ Allied Land Forces,Support Forces,Southern Europe (STRIKEFORSOUTH), HQ Allied Land Forces,Southern Europe (LANDSOUTH), HQ Allied Command Europe Mobile Force (AMF), HQ United Kingdom Air Forces (UKAIR), United Nations Command, Korea (UNC): HQ UNC, U.S. Combined Forces Command, Korea HQ CFCK

Excludes non-Management Headquarters resources.

10011980 (A,F,G,N) Management Headquarters - Technology Transfer Functions;X-2-007;
Includes management headquarters resources (refer DoDD 5100.73) identified to the review and evaluation of munitions cases, US and allied strategic trade cases, technical data exchange agreements, information exchange projects, science and technology agreements, reciprocal Memorandum of Understanding and other similar agreements; development and maintenance of military critical technologies list; Coordinating Committee (COCOM), Control Commodities List (CCL) and munitions list reviews; participation on Technical Advisory Committees and steering and working groups concerned with export control and technology transfer; other technology transfer activities as appropriate. Excludes nonmanagement headquarters resources (refer DoDD 5100.73) identified to the above functions (see PE 10010150).

10020020 (A,F,N) Foreign Military Sales Support (Reimbursable);X-9-01;
Includes DOD military and civilian manpower engaged 90 percent or more of their time in support of foreign military sales agreements for which the Department of Defense is reimbursed for the total cost directly by the foreign country or from administrative and accessorial surcharges billed to the foreign customers for all salary, personnel benefits, and support costs, such as technical assistance field teams (TAFT) and related activities covered by the sales agreements.

Excludes TOA; manpower in Management Headquarters; and part-time (less than 90 percent) military and civilian personnel.

1002003F Direct Commercial Sales (Reimb) (H);X-94-1;
Civilian and military manpower authorizations for contract administration services on direct commercial sales (not for foreign military sales). They are cost reimbursed by the foreign government.

1002004F Direct Commercial Sales (Non-Reimb);X-8-04;
Civilian and military manpower authorizations for contract administration services on direct commercial sales

contract (not for foreign military sales). They are not cost reimbursed but have reciprocal governmental agreements.

1002005A Service Support to Foreign Military Financing;X-94-3;;
Includes civilian and militaty manpower directly in support of foreign military financing activities, whose workyears are approved by OSD/DSAA in the FMFE Budget. Civilian manpower is paid from operations and maintenance appropriations, which is then reimbursed from FMFE. Military manpower is paid by military pay appropriations without reimbursement.

Excludes personnel paid or reimbursed from Foreign Military Sales case funds (PE 10020020), FMS administrative trust funds (civilian manpower only), and miscellaneous support to other nations (PE 10010100) paid by operation and maintenance or military pay appropriations.

1002198D Management Headquarters (OSD/DSAA) - Non-Reimbursable;;
Includes military and civilian manpower and military pay of personnel assigned to DSAA and OASD(ISA) Security Assistance in direct support of the Military Assistance Program (MAP) grant aid, nonreimbursable from Foreign Military Sales (FMS) administrative funds, Primary activity supported : MAP Grant Aid.

Excludes military and civilian manpower and military pay of personnel assigned to DSAA and OASD(ISA) Security Assistance in direct support of Foreign Military Sales (FMS), reimbursable from FMS administrative funds (PE 1002298D).

1002298D Management Headquarters (OSD/DSAA)-Reimbursable;;

1007439F Electronic Warfare Integrated Reprogramming;X-0-10;
Includes resources to support the reprogramming of TAF, SAC and MAC Electronic Warfare (EW) Systems. The DTU is off-the-self equipment which takes Autodin transmissions, provided in 5.25 inch floppy diskette format, and transfers reprogramming data to an aircraft memory loader verifier (MLV) and/or system support equipment. MLVs are then connected to TAF, SAC and MAC aircraft through a unique aircraft adapter group (AAG) to load on-board EW systems.

There are no manpower authorizations associated with this PE.

11000110 (A,BB,F,M,N) Ongoing Operational Activities-Active;X-7-06;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following Active special operations units and organizations:

Includes personnel and operations and maintenance costs that can be directly associated with an individual unit's operations and training. Also includes investment costs for minor and replacement equipment and spare parts.

Army: Special Forces, Ranger, PSYOP, civil affairs and special operations aviations units.

Navy: SEAL units.

Air Force: Special operations units, including combat support squadrons.

Excludes central services and supply units, see PE 11300110.

11000120 (BB,F) SOF Munitions;X-9-05;
This PE procures air and ground training and war reserve material munitions for Air Force special operations forces. Munitions procured to support AC-130 gunships, MC-130 Combat Talon, MH-60G Pave Hawk, MH-53J Pave Low III, and HC-130 aircraft.

There are no manpower positions associated with is PE.

11004110 (A,BB,F) Ongoing Operational Activities-Guard;X-7-06;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following Guard special operations units and organizations: Includes personnel and operations and maintenance costs that can be directly associated with an individual unit's operations and training. Also includes investment costs for minor and replacement equipment and spare parts.

Army: Special Forces, Ranger, PSYOP, civil affairs and special operations aviations units.

Navy: SEAL units.

Air Force: Special operations units, including combat support squadrons.

Excludes central services and supply units, see PE 11304110.

11006110 (A,BB,F,M,N) Ongoing Operational Activities-Reserve;X-7-06;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following Reserve special operations units and organizations:

Includes personnel and operations and maintenance costs that can be directly associated with an individual unit's operations and training. Also includes investment costs for minor and replacement equipment and spare parts.

Army: Special Forces, Ranger, PSYOP, civil affairs and special operations aviations units.

Navy: SEAL units.

Air Force: Special operations units, including combat support squadrons.

Excludes central services and supply units, see PE 11306110.

11012110 (A,BB,F,M,N) Construction (Planning and Design);;

11080480 (A,F,M,N) Service Support to Special Operations Forces;X-0-01;
Includes military and Civilian personnel support to the SOCOM (military and civilian manpower and related personnel costs). Primary activity supported: Special Operation Forces.

1108049A Service Support to the U.S. Special Operations Command (H);X-92-4;;
Includes military personnel support to the U.S. Special Operations Command.

1108049D Military Personnel Offset - SOF;;

1108050D Military Personnel Offset - SOF;;

11100110 (A,BB,D,F,M,N) Force Enhancements-Active (H);X-95-2;
Includes peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following enhancements for Active forces:

Includes resources for new or improved operational mission capabilities and special operations force structure expansion. This includes acquisition of new or modified weapon and combat support systems and resources for the establishment of new operational units. This PE is primarily for RDT&E and procurement appropriations resources associated with new or improved ordnance and weapons, land, air, and sea mobility equipment, special uniforms and personal gear, communications and electronic equipment, and the initial outfitting of new operational units and activities. Military construction costs may be included to cover directly applicable facilities for acquiring a new or improved operational force capability. Programs and activities included in this PE will transition to PE 11000110, "Ongoing Operational Activities", upon reaching full operational capability (FOC) plus 1 year, or by agreement between the OASD(SO/LIC) and the USSOC or military service special operations components.

For Navy: Includes RDT&E funds for the development, testing and evaluation of weapons, life support, C3I, mission support equipment, and mobility systems for Naval Special Warfare Forces (SEAL and SEAL Delivery Vehicle (SDV) Teams and Special Boat Squadrons) in order to enhance maritime Special Operations in support of Fleet or Joint Commanders.

Excludes manpower authorizations, operation and maintenance and military personnel resources.

11104110 (A,BB,F) Force Enhancements-Guard (H);X-95-2;
Includes peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following enhancements for Guard forces:

Includes resources for new or improved operational mission capabilities and special operations force structure expansion. This includes acquisition of new or modified weapon and combat support systems and resources for the establishment of new operational units. This PE is primarily for RDT&E and procurement appropriations resources associated with new or improved ordnance and weapons, land, air, and sea mobility equipment, special uniforms and personal gear, communications and electronic equipment, and the initial outfitting of new operational units and activities. Military construction costs may be included to cover directly applicable facilities for acquiring a new or improved operational force capability. Programs and activities included in this PE will transition to PE 11004110, "Ongoing Operational Activities", upon reaching full operational capability (FOC) plus 1 year, or by agreement between the OASD(SO/LIC) and the USSOC or military service special operations components.

Excludes manpower authorizations, operation and maintenance and military personnel resources.

11106110 (A,BB,F,M,N) Force Enhancements-Reserve;X-7-06;
Includes peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following enhancements for Reserve forces:

Includes resources for new or improved operational mission capabilities and special operations force structure expansion. This includes acquisition of new or modified weapon and combat support systems and resources for the establishment of new operational units. This PE is primarily for RDT&E and procurement appropriations resources associated with new or improved ordnance and weapons, land, air, and sea mobility equipment, special uniforms and personal gear, communications and electronic equipment, and the initial outfitting of new operational units and activities. Military construction costs may be included to cover directly applicable facilities for acquiring a new or improved operational force capability. Programs and activities included in this PE will transition to PE 11006110, "Ongoing Operational Activities", upon reaching full operational capability (FOC) plus 1 year, or by agreement between the OASD(SO/LIC) and the USSOC or military service special operations components.

Excludes manpower authorizations, operation and maintenance and military personnel resources.

11200110 (A,BB,F,M,N) Training-Active;X-7-06;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following Active activities:

Includes resources for operation and maintenance, personnel, facilities and equipment required for Special Operations schools and doctrinal development activities. Also includes other general training support activities and services and USSOC joint exercise requirements.

1120111BB JCS Directed and Coordinated Exercises (Active Army);X-0-07;

Provides Active Army the funding for conduct of, or participation in, strategic mobility and major CINC directed exercises with which the JCS are primarily concerned and which are designated JCS directed exercises. Provides funding for conduct of, or participation in, exercises involving forces of more than one unified or specified command or agency which are designated JCS coordinated exercises. Costs normally are related and measurable to the following: Airlift/Sealift of equipment and personnel, transportation of equipment, travel of personnel, expendable supplies (including POL), per diem allowances, and other exercise-related costs. Costs are net expense after consideration of normal or routine costs without the exercise.

Excludes: Routine exercises and maneuvers conducted by the individual unified commands or the services, and manpower and associated costs (see PE 1120411BB and 1120412BB). Also excludes funding associated with PEs 1160401BB, 1160402BB, 1160404BB, 1160405BB, 1160407BB, 1160408BB and 1160409BB.

1120171BB SOF Ranger Activities;X-0-07;
Includes Active Army manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the Special Operations Forces (SOF) Active Tactical Ranger Operational units and organizations.

Excludes Table of Distribution Allowance (TDA) units and TDA augmentation to Table of Organization Equipment (TOE) units having a predominantly peacetime only mission. Also excludes funding associated with PEs 1160401BB, 1160402BB, 1160404BB, 1160405BB, 1160407BB, 1160408BB and 1160409BB.

1120172BB SOF Aviation Activities (Active Forces);X-0-07;
Includes Active Army manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to SOF Active Tactical Aviation Operational units and organizations.

Includes personnel and operations and maintenance costs that are directly associated with an individual units operations and training. Also includes investment costs for minor and replacement equipment and spare parts. This includes procurement of new or modified weapon and combat support systems and resources for the establishment of new operational units. Associated with this is new or improved ordnance and weapons, land, air, and sea mobility equipment, special uniforms and personnel gear, communications and electronic equipment, and the initial outfitting of new operations units and activities. Military construction costs may be included to cover directly applicable facilities for acquiring a new or improved operational force capability.

Excludes TDA units and TDA augmentation to TOE units having a predominantly peacetime only mission. Also excludes funding associated with PEs 1160401BB, 1160402BB, 1160404BB, 1160405BB, 1160407BB, 1160408BB and 1160409BB.

1120173BB SOF Special Forces Activities (Active Army);X-0-07;
Includes Active Army manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to SOF Active Tactical Special Forces Operational units and organizations.

Includes personnel and operations and maintenance costs that are directly associated with an individual units operations and training. Also includes investment costs for minor and replacement equipment and spare parts. This includes procurement of new or modified weapon and combat support systems and resources for the establishment

of new operational units. Associated with this is new or improved ordnance and weapons, land, air, and sea mobility equipment, special uniforms and personnel gear, communications and electronic equipment, and the initial outfitting of new operations units and activities. Military construction costs may be included to cover directly applicable facilities for acquiring a new or improved operational force capability.

Excludes TDA units and TDA augmentation to TOE units having a predominantly peacetime only mission. Also excludes funding associated with PEs 1160401BB, 1160402BB, 1160404BB, 1160405BB, 1160407BB, 1160408BB and 1160409BB.

1120174BB Psychological Operations Activities (Active Army);X-0-07;
Includes Active Army manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to Active Psychological Operational units and organizations.

Includes personnel and operations and maintenance costs that are directly associated with an individual units operations and training. Also includes investment costs for minor and replacement equipment and spare parts. This includes procurement of new or modified weapon and combat support systems and resources for the establishment of new operational units. Associated with this is new or improved ordnance and weapons, land, air, and sea mobility equipment, special uniforms and personnel gear, communications and electronic equipment, and the initial outfitting of new operations units and activities. Military construction costs may be included to cover directly applicable facilities for acquiring a new or improved operational force capability.

Excludes TDA units and TDA augmentation to TOE units having a predominantly peacetime only mission. Also excludes funding associated with PEs 1160401BB, 1160402BB, 1160404BB, 1160405BB, 1160407BB, 1160408BB and 1160409BB.

1120175BB Civil Affairs Units (Active Army);X-0-07;
Includes Active Army manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to Active Civil Affairs Operational Units and organizations.

Includes personnel and operations and maintenance costs that are directly associated with an individual units operations and training. Also includes investment costs for minor and replacement equipment and spare parts. This includes procurement of new or modified weapon and combat support systems and resources for the establishment of new operational units. Associated with this is new or improved ordnance and weapons, land, air, and sea mobility equipment, special uniforms and personnel gear, communications and electronic equipment, and the initial outfitting of new operations units and activities. Military construction costs may be included to cover directly applicable facilities for acquiring a new or improved operational force capability.

Excludes TDA units and TDA augmentation to TOE units having a predominately peacetime only mission. Also excludes funding associated with PEs 1160401BB, 1160402BB, 1160404BB, 1160405BB, 1160407BB, 1160408BB and 1160409BB.

1120177BB Theater Army Special Operations Support Command (TASOSC) (Active Army);X-0-07;
Includes Active Army manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to SOF Active Tactical units and organizations involved in theater support command operations.

Includes personnel and operations and maintenance cost that are directly associated with an individual unit's operations and training. Also includes investment costs for minor and replacement equipment and spare parts. This includes procurement of new or modified weapon and combat support systems and resources for the establishment of new operational units. Associated with this is new or improved ordnance and weapons, land, air, and sea mobility equipment, special uniforms and personnel gear, communications and electronic equipment, and the initial outfitting of new operations units and activities. Military construction costs may be included to cover directly applicable facilities for acquiring a new or improved operational force capability.

Excludes TDA units and TDA augmentation to TOE units having a predominantly peacetime only mission. Also excludes funding associated with PEs 1160401BB, 1160402BB, 1160404BB, 1160405BB, 1160407BB, 1160408BB and 1160409BB.

1120179BB SOF Other Special Operations Support Activities (Active Army);X-0-07;
Includes Active Army manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to SOF Active Tactical Communications, Chemical, and Other SOF Support Operational units and organizations.

Includes personnel and operations and maintenance costs that are directly associated with an individual units operations and training. Also includes investment costs for minor and replacement equipment and spare parts. This includes procurement of new or modified weapon and combat support systems and resources for the establishment of new operational units. Associated with this is new or improved ordnance and weapons, land, air, and sea mobility equipment, special uniforms and personnel gear, communications and electronic equipment, and the initial outfitting of new operations units and activities. Military construction costs may be included to cover directly applicable facilities for acquiring a new or improved operational force capability.

Excludes TDA units and TDA augmentation to TOE units having a predominantly peacetime only mission. Also excludes funding associated with PEs 1160401BB, 1160402BB, 1160404BB, 1160405BB, 1160407BB, 1160408BB and 1160409BB.

1120185BB SOF Aircrew Training, Army;X-93-1;;
Includes all SOF Army manpower authorizations, peculiar and support equipment, flying hours, aircraft, and the associated costs specifically identified and measurable to the initial qualification and recurrence training of aircrews to SOF aircraft operations and SOF tactics.

1120211BB JCS Directed and Coordinated Exercises (Active Navy);X-0-07;
Provides Active Navy the funding for conduct of, or participation in, strategic mobility and major CINC directed exercises with which the JCS are primarily concerned and which are designated JCS directed exercises. Provides funding for conduct of, or participation in, exercises involving forces of more than one unified or specified command or agency which are designated JCS coordinated exercises. Costs normally are related and measurable to the following: Airlift/Sealift of equipment and personnel, transportation of equipment, travel of personnel, expendable supplies (including POL), per diem allowances, and other exercise-related costs. Costs are net expense after consideration of normal or routine costs without the exercise.

Excludes: Routine exercises and maneuvers conducted by the individual unified commands or the services, and manpower and associated costs (see PE 1120411BB and PE 1120412BB). Also excludes funding associated with PEs 1160401BB, 1160402BB, 1160404BB, 1160405BB, 1160407BB, 1160408BB and 1160409BB.

1120222BB Naval Special Warfare Groups;X-0-07;

Includes Active Navy manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to: Naval Special Warfare Groups ONE and TWO.

Includes personnel and operations and maintenance costs that are directly associated with an individual units operations and training. Also includes investment costs for minor and replacement equipment and spare parts. This includes procurement of new or modified weapon and combat support systems and resources for the establishment of new operational units. Associated with this is new or improved ordnance and weapons, land, air, and sea mobility equipment, special uniforms and personnel gear, communications and electronic equipment, and the initial outfitting of new operations units and activities. Military construction costs may be included to cover directly applicable facilities for acquiring a new or improved operational force capability.

Excludes PEs 1160401BB, 1160402BB, 1160404BB, 1160405BB, 1160407BB, 1160408BB and 1160409BB.

1120224BB Naval Special Warfare Development Group;X-0-07;
Includes Active Navy manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to Special Operations Forces activities performed by the Naval Special Development Groups.

Includes personnel and operation and maintenance costs that are directly associated with an individual units operations and training. Also includes investment costs for minor and replacement equipment and spare parts. This includes procurement of new or modified weapon and combat support systems and resources for the establishment of new operational units. Associated with this is new or improved ordnance and weapons, land, air, and sea mobility equipment, special uniforms and personnel gear, communications and electronic equipment, and the initial outfitting of new operations units and activities. Military construction costs may be included to cover directly applicable facilities for acquiring a new or improved operational force capability.

Excludes PEs 1160401BB, 1160402BB, 1160404BB, 1160405BB, 1160407BB, 1160408BB and 1160409BB.

1120311BB JCS Directed and Coordinated Exercises (Navy Reserve);X-0-07;
Provides Navy Reserve the funding for conduct of, or participation in, strategic mobility and major CINC directed exercises with which the JCS are primarily concerned and which are designated JCS directed exercises. Provides funding for conduct of, or participation in, exercises involving forces of more than one unified or specified command or agency which are designated JCS coordinated exercises. Costs normally are related and measurable to the following: Airlift/Sealift of equipment and personnel, transportation of equipment, travel of personnel, expendable supplies (including POL), per diem allowances, and other exercise-related costs. Costs are net expense after consideration of normal or routine costs without the exercise.

Excludes: Routine exercises and maneuvers conducted by the individual unified commands or the services, and manpower and associated costs (see PE 1120411BB and 1120412BB). Also excludes funding associated with PEs 1160401BB, 1160402BB, 1160404BB, 1160405BB, 1160407BB, 1160408BB and 1160409BB.

1120312BB Deployment Exercises (Navy Reserve);X-0-07;
Includes Navy Reserve manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to Deployment and Training exercises sponsored by CINCSOC, in support of other CINCs, and in support of the Services.

Excludes JCS directed and coordinated exercises, PE 1120311BB. Also excludes funding associated with PEs 1160401BB, 1160402BB, 1160404BB, 1160405BB, 1160407BB, 1160408BB and 1160409BB.

1120322BB Naval Special Warfare Groups;X-0-07;
Includes Navy Reserve authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to NR Special Boat Squadrons and Units, NR SEALS and NR Special Warfare Groups.

Includes personnel and operations and maintenance costs that are directly associated with an individual units operations and training. Also includes investment costs for minor and replacement equipment and spare parts. This includes procurement of new or modified weapon and combat support systems and resources for the establishment of new operational units. Associated with this is new or improved ordnance and weapons, land, air, and sea mobility equipment, special uniforms and personnel gear, communications and electronic equipment, and the initial outfitting of new operations units and activities. Military construction costs may be included to cover directly applicable facilities for acquiring a new or improved operational force capability.

Excludes PEs 1160401BB, 1160402BB, 1160404BB, 1160405BB, 1160407BB, 1160408BB and 1160409BB.

1120411BB JCS Directed and Coordinated Exercises (HQ USSOCOM);X-0-07;
Provides HQ USSOCOM the funding for conduct of, or participation in, strategic mobility and major CINC directed exercises with which the JCS are primarily concerned and which are designated JCS directed exercises. Provides funding for conduct of, or participation in, exercises involving forces of more than one unified or specified command or agency which are designated JCS coordinated exercises. Costs normally are related and measurable to the following: Airlift/Sealift of equipment and personnel, transportation of equipment, travel of personnel, expendable supplies (including POL), per diem allowances, and other exercise-related costs. Costs are net expense after consideration of normal or routine costs without the exercise.

Excludes: Routine exercises and maneuvers as indicated in PE 1120412BB, Deployment Exercises. Also excludes funding associated with PEs 1160401BB, 1160402BB, 1160404BB, 1160405BB, 1160407BB, 1160408BB and 1160409BB.

11204110 (A,BB,F) Training-Guard;X-7-06;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following Guard activities:

Includes resources for operation and maintenance, personnel, facilities and equipment required for Special Operations schools and doctrinal development activities. Also includes other general training support activities and services and USSOC joint exercise requirements.

1120412BB Deployment Exercises (HQ USSOCOM);X-0-07;
Includes HQ USSOCOM and/or component manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to Deployment and Training exercises sponsored by CINCSOC, in support of other CINCs, and in support of the Services.

Excludes JCS directed and coordinated exercises, PE 1120411BB. Also excludes funding associated with PEs 1160401BB, 1160402BB, 1160404BB, 1160405BB, 1160407BB, 1160408BB and 1160409BB.

1120413BB Special Operation Command (SOC);X-92-4;;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated cost specifically identified to Special Operation Commands at SOCCENT, SOCEUR, SOCPAC, SOCSOUTH, and SOCLANT.

1120415BB Combat Development Activities;X-0-07;
Includes all Joint and Component manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the development of combat doctrine, organizational concepts, material requirements, and other developmental activities related to Special Operation Forces.

Also includes activities to support experimentation, tests, projects, evaluations necessary to develop and/or validate new doctrine, material and organizations for Special Operations.

Excludes training operations or training developments currently in other program elements as well as Combat Developments funded under the RDT&E appropriation, and SOF Management Headquarters Activities in PEC 1150498BB. Also excludes funding associated with PEs 1160401BB, 1160402BB, 1160404BB, 1160405BB, 1160407BB, 1160408BB and 1160409BB. Use of this PE must be approved by USSOCOM J8-C.

1120416BB Joint Combined Exchange Training;X-93-4;;
Includes funding for the conduct of or participation in joint and/or combined exercises. Costs normally are related and measurable to the following: Airlift/Sealift of equipment and personnel; transportation of equipment; travel of personnel; expendible supplies (including POL); per diem allowances and other exercise related costs.

1120438BB SOF Counterdrug Activities;X-94-2;;
Includes personnel authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the detection and monitoring of the transit of illegal drugs into the United States; integration of command, control, communication, and intelligence assets dedicated to the detection of illegal drugs into communication networks; and other drug interdiction/eradication operations assigned and/or directed. Includes both direct as well as reimbursable funding of the Counterdrug operations for all active and reserve SOF forces. Includes only those projects approved by the Secretary of Defense and supported by the transfer appropriation. Excludes OPTEMPO.

Excludes PEs 1160401BB. 1160402BB, 1160404BB, 1160405BB, 1160407BB, 1160408BB and 1160409BB.

1120489BB SOF Counterdrug OPTEMPO;X-94-2;;
Captures the portion of the DOD SOF OPTEMPO program (flight hours/ship steaming days/ground training) specifically identified and measurable to the support of the Counterdrug Program. Only projects approved by the Secretary of Defense and supported by the transfer appropriation will be included.

1120493BB SOF MILCON Planning and Design;X-0-07;

Includes all Headquarters USSOCOM and/or component manpower authorizations and funding necessary for initial through final planning and design and the architectural and engineering (A&E) effort necessary for SOF unique military construction projects.

Excludes USSOCOM and/or component manpower not solely dedicated to SOF MILCON efforts. Also excludes funding associated with PEs 1160401BB, 1160402BB, 1160404BB, 1160405BB, 1160407BB, 1160408BB and 1160409BB.

1120497BB Force Related Training;X-0-07;
Includes all Headquarters USSOCOM and/or component manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the conduct of force-related training - including, but not limited to: NCO Academies, area schools performing SOF related training, and operating costs of aircraft and munitions used in Special Operations transition training.

Excludes JCS Coordinated and Directed Exercises, unit training, and field exercises. Also excludes funding associated with PEs 1160401BB, 1160402BB, 1160404BB, 1160405BB, 1160407BB, 1160408BB and 1160409BB.

1120511BB JCS Directed and Coordinated Exercises (Active Air Force);X-0-07;
Provides Active Air Force the funding for conduct of, or participation in, strategic mobility and major CINC directed exercises with which the JCS are primarily concerned and which are designated JCS directed exercises. Provides funding for conduct of, or participation in, exercises involving forces of more than one unified or specified command or agency which are designated JCS coordinated exercises. Costs normally are related and measurable to the following: Airlift/Sealift of equipment and personnel, transportation of equipment, travel of personnel, expendable supplies (including POL), per diem allowances, and other exercise-related costs. Costs are net expense after consideration of normal or routine costs without the exercise.

Excludes: Routine exercises and maneuvers conducted by the individual unified commands or the services, and manpower and associated costs (see PE 1120411BB and PE 1120412BB). Also excludes funding associated with PEs 1160401BB, 1160402BB, 1160404BB, 1160405BB, 1160407BB, 1160408BB and 1160409BB.

1120541BB Special Tactics Operations (Active Air Force);X-0-07;
Includes Active Air Force manpower authorization, peculiar and support equipment, necessary facilities, procurement funding and the associated costs specifically identified and measurable to special tactics groups and squadrons and combat control squadrons and detachments. Also includes costs attributable to any necessary SOF para-rescue.

Excludes activities in PEC 1120547BB. Also excludes funding associated with PEs 1160401BB, 1160402BB, 1160404BB, 1160405BB, 1160407BB, 1160408BB and 1160409BB.

1120547BB SOF Operations (SOW/SOS) (Active Air Force);X-0-07;
Includes Active Air Force manpower authorizations, peculiar and support equipment, necessary facilities, procurement funding and the associated costs specifically identified and measurable to Special Operations Wings and Special Operations Squadrons. Includes all specialized and uniquely designated forces with the primary mission of performing special flight operations to include unconventional warfare and those applicable aspects of

foreign internal defense and psychological operations.

Excludes activities included in PEC 1120541BB. Also excludes funding associated with PEs 1160401BB, 1160402BB, 1160404BB, 1160405BB, 1160407BB, 1160408BB and 1160409BB.

1120585BB SOF Aircrew Training, Air Force;X-93-1;;
Includes all SOF Air Force manpower authorizations, peculiar and support equipment, flying hours, aircraft, and the associated costs specifically identified and measurable to the initial qualification and recurrence training of aircrews to SOF aircraft operations and SOF tactics.

Excludes initial flight training and qualification on both fixed and rotary wing aircraft, which remains a Air Force Service responsibility and is resourced in MFP 8. Also, excludes funding associated with PEs 1160401BB, 1160404BB, 1160405BB, 1160407BB, 1160408BB, and 1160409BB.

1120611BB JCS Directed and Coordinated Exercises (Air National Guard);X-0-07;
Provides Air National Guard the funding for conduct of, or participation in, strategic mobility and major CINC directed exercises with which the JCS are primarily concerned and which are designated JCS directed exercises. Provides funding for conduct of, or participation in, exercises involving forces of more than one unified or specified command or agency which are designated JCS coordinated exercises. Costs normally are related and measurable to the following: Airlift/Sealift of equipment and personnel, transportation of equipment, travel of personnel, expendable supplies (including POL), per diem allowances, and other exercise-related costs. Costs are net expense after consideration of normal or routine costs without the exercise.

Excludes: Routine exercises and maneuvers conducted by the individual unified commands or the services, and manpower and associated costs (see PE 1120411BB and PE 1120412BB). Also excludes funding associated with PEs 1160401BB, 1160402BB, 1160404BB, 1160405BB, 1160407BB, 1160408BB and 1160409BB.

11206110 (A,BB,F,M,N) Training-Reserve;X-7-06;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following Reserve activities:

Includes resources for operation and maintenance, personnel, facilities and equipment required for Special Operations schools and doctrinal development activities. Also includes other general training support activities and services and USSOC joint exercise requirements.

1120612BB Deployment Exercises (Air National Guard);X-0-07;
Includes Air National Guard manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to Deployment and Training exercises sponsored by CINCSOC, in support of other CINCs, and in support of the Services.

Excludes JCS directed and coordinated exercises, PE 1120611BB. Also excludes PEs 1160401BB, 1160402BB, 1160404BB, 1160405BB, 1160407BB, 1160408BB and 1160409BB.

1120647BB SOF Operations (SOW/SOS) (Air National Guard);X-0-07;

Includes Air National Guard (ANG) manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to ANG Special Operations Wings and Special Operations Squadrons. Includes all specialized and uniquely designated forces with the primary mission of performing special flight operations to include unconventional warfare and those applicable aspects of foreign internal defense and psychological operations.

Excludes PEs 1160401BB, 1160402BB, 1160404BB, 1160405BB, 1160407BB, 1160408BB and 1160409BB.

1120711BB JCS Directed and Coordinated Exercises (Air Force Reserve);X-0-07;
Provides Air Force Reserve the funding for conduct of, or participation in, strategic mobility and major CINC directed exercises with which the JCS are primarily concerned and which are designated JCS directed exercises. Provides funding for conduct of, or participation in, exercises involving forces of more than one unified or specified command or agency which are designated JCS coordinated exercises. Costs normally are related and measurable to the following: Airlift/Sealift of equipment and personnel, transportation of equipment, travel of personnel, expendable supplies (including POL), per diem allowances, and other exercise-related costs. Costs are net expense after consideration of normal or routine costs without the exercise.

Excludes: Routine exercises and maneuvers conducted by the individual unified commands or the services, and manpower and associated costs (see PE 1120411BB and PE 1120412BB). Excludes PEs 1160401BB, 1160402BB, 1160404BB, 1160405BB, 1160407BB, 1160408BB and 1160409BB.

1120712BB Deployment Exercises (Air Force Reserve);X-0-07;
Includes Air Force Reserve manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to Deployment and Training exercises sponsored by CINCSOC, in support of other CINCs, and in support of the Services.

Excludes JCS directed and coordinated exercises, PE 1120711BB. Also excludes PEs 1160401BB, 1160402BB, 1160404BB, 1160405BB, 1160407BB, 1160408BB and 1160409BB.

1120741BB Special Tactics Operations (Air Force Reserve);X-0-07;
Includes Air Force Reserve (AFRES) manpower authorization, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to AFRES special tactics groups and squadrons and any combat control squadrons and detachments.

Excludes manpower and funding included in PEC 1120747BB. Also excludes PEs 1160401BB, 1160402BB, 1160404BB, 1160405BB, 1160407BB, 1160408BB and 1160409BB.

1120747BB SOF Operations (Air Force Reserve) (SOW/SOS);X-0-07;
Includes Air Force Reserve (AFRES) manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to AFRES Special Operations Wings and Special Operations Squadrons. Includes all specialized and uniquely designated forces with the primary mission of performing special flight operations to include unconventional warfare and those applicable aspects of foreign internal defense and psychological operations.

Excludes manpower and funding in PEC 1120741BB. Also excludes PEs 1160401BB, 1160402BB, 1160404BB, 1160405BB, 1160407BB, 1160408BB and 1160409BB.

1120811BB JCS Directed and Coordinated Exercises (Army National Guard);X-0-07;
Provides Army National Guard the funding for conduct of, or participation in, strategic mobility and major CINC directed exercises with which the JCS are primarily concerned and which are designated JCS directed exercises. Provides funding for conduct of, or participation in, exercises involving forces of more than one unified or specified command or agency which are designated JCS coordinated exercises. Costs normally are related and measurable to the following: Airlift/Sealift of equipment and personnel, transportation of equipment, travel of personnel, expendable supplies (including POL), per diem allowances, and other exercise-related costs. Costs are net expense after consideration of normal or routine costs without the exercise.

Excludes: Routine exercises and maneuvers conducted by the individual unified commands or the services, and manpower and associated costs (see PE 1120411BB and PE 1120412BB). Also excludes funding associated with PEs 1160401BB, 1160402BB, 1160404BB, 1160405BB, 1160407BB, 1160408BB and 1160409BB.

1120812BB Deployment Exercises (Army National Guard);X-0-07;
Includes Army National Guard manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to Deployment and Training exercises sponsored by CINCSOC, in support of other CINCs, and in support of the Services.

Excludes JCS directed and coordinated exercises, PE 1120811BB. Also excludes PEs 1160401BB, 1160402BB, 1160404BB, 1160405BB, 1160407BB, 1160408BB and 1160409BB.

1120872BB SOF Aviation Activities (Army and Air National Guard);X-0-07;
Includes Army National Guard manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to SOF Air National Guard Tactical Aviation Operational units and organizations.

Includes personnel and operations and maintenance costs that are directly associated with an individual units operations and training. Also includes investment costs for minor and replacement equipment and spare parts. This includes acquisition of new or modified weapon and combat support systems and resources for the establishment of new operational units. Associated with this is new or improved ordnance and weapons, land, air, and sea mobility equipment, special uniforms and personnel gear, communications and electronic equipment, and the initial outfitting of new operations units and activities. Military construction costs may be included to cover directly applicable facilities for acquiring a new or improved operational force capability.

Excludes TDA units and TDA augmentation to TOE units having a predominantly peacetime only mission. Also excludes funding associated with PEs 1160401BB, 1160402BB, 1160404BB, 1160405BB, 1160407BB, 1160408BB and 1160409BB.

1120873BB SOF Special Forces Activities (Army National Guard);X-0-07;
Includes Army National Guard manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to SOF Army National Guard Tactical Special Forces

Operational units and organizations.

Includes personnel and operations and maintenance costs that are directly associated with an individual units operations and training. Also includes investment costs for minor and replacement equipment and spare parts. This includes acquisition of new or modified weapon and combat support systems and resources for the establishment of new operational units. Associated with this is new or improved ordnance and weapons, land, air, and sea mobility equipment, special uniforms and personnel gear, communications and electronic equipment, the initial outfitting of new operations units and activities. Military construction costs may be included to cover directly applicable facilities for acquiring a new or improved operational force capability.

Excludes TDA units and TDA augmentation to TOE units having a predominantly peacetime only mission. Also excludes funding associated with PEs 1160401BB, 1160402BB, 1160404BB, 1160405BB, 1160407BB, 1160408BB and 1160409BB.

1120911BB JCS Directed and Coordinated Exercises (Army Reserve);X-0-07;
Provides Army Reserve the funding for conduct of, or participation in, strategic mobility and major CINC directed exercises with which the JCS are primarily concerned and which are designated JCS directed exercises. Provides funding for conduct of, or participation in, exercises involving forces of more than one unified or specified command or agency which are designated JCS coordinated exercises. Costs normally are related and measurable to the following: Airlift/Sealift of equipment and personnel, transportation of equipment, travel of personnel, expendable supplies (including POL), per diem allowances, and other exercise-related costs. Costs are net expense after consideration of normal or routine costs without the exercise.

Excludes: Routine exercises and maneuvers conducted by the individual unified commands or the services, and manpower and associated costs (see PE 1120411BB and PE 1120412BB). Also excludes funding associated with PEs 1160401BB, 1160402BB, 1160404BB, 1160405BB, 1160407BB, 1160408BB and 1160409BB.

1120912BB Deployment Exercises (Army Reserve);X-0-07;
Includes Army Reserve manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to Deployment and Training exercises sponsored by CINCSOC, in support of other CINCs, and in support of the Services.

Excludes JCS directed and coordinated exercises, PE 1120911BB. Also excludes funding associated with PEs 1160401BB, 1160402BB, 1160404BB, 1160405BB, 1160407BB, 1160408BB and 1160409BB.

1120973BB SOF Special Forces Activities (Army Reserve);X-0-07;
Includes Army Reserve manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to SOF Army Reserve Tactical Special Forces Operational units and organizations.

Includes personnel and operations and maintenance costs that are directly associated with an individual units operations and training. Also includes investment costs for minor and replacement equipment and spare parts. This includes acquisition of new or modified weapon and combat support systems and resources for the establishment of new operational units. Associated with this is new or improved ordnance and weapons, land, air, and sea mobility equipment, special uniforms and personnel gear, communications and electronic equipment, the initial outfitting of new operations units and activities. Military construction costs may be included to cover directly

applicable facilities for acquiring a new or improved operational force capability.

Excludes TDA units and TDA augmentation to TOE units having a predominantly peacetime only mission. Also excludes funding associated with PEs 1160401BB, 1160402BB, 1160404BB, 1160405BB, 1160407BB, 1160408BB and 1160409BB.

1120974BB Psychological Operations Activities (Army Reserve);X-0-07;
Includes Army Reserve manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to Army Reserve Psychological Operational units and organizations.

Includes personnel and operations and maintenance costs that are directly associated with an individual units operations and training. Also includes investment costs for minor and replacement equipment and spare parts. This includes acquisition of new or modified weapon and combat support systems and resources for the establishment of new operational units. Associated with this is new or improved ordnance and weapons, land, air, and sea mobility equipment, special uniforms and personnel gear, communications and electronic equipment, the initial outfitting of new operations units and activities. Military construction costs may be included to cover directly applicable facilities for acquiring a new or improved operational force capability.

Excludes TDA units and TDA augmentation to TOE units having a predominantly peacetime only mission. Also excludes funding associated with PEs 1160401BB, 1160402BB, 1160404BB, 1160405BB, 1160407BB, 1160408BB and 1160409BB.

1120975BB Civil Affairs Units (Army Reserve);X-0-07;
Includes Army Reserve manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to Army Reserve Civil Affairs Operational Units and organizations. Includes personnel and operations and maintenance costs that are directly associated with an individual units operations and training. Also includes investment costs for minor and replacement equipment and spare parts. This includes acquisition of new or modified weapon and combat support systems and resources for the establishment of new operational units. Associated with this is new or improved ordnance and weapons, land, air, and sea mobility equipment, special uniforms and personnel gear, communications and electronic equipment, the initial outfitting of new operations units and activities. Military construction costs may be included to cover directly applicable facilities for acquiring a new or improved operational force capability.

Excludes TDA units and TDA augmentation to TOE units having a predominately peacetime only mission. Also excludes funding associated with PEs 1160401BB, 1160402BB, 1160404BB, 1160405BB, 1160407BB, 1160408BB and 1160409BB.

1120977BB Theater Army Special Operations Support Command (TASOSC) (Army Reserve);X-0-07;
Includes Army Reserve manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to SOF Army Reserve Tactical units and organizations involved in theater support command operations. Included are the personnel and operations and maintenance cost that are directly associated with an individual unit's operations and training. Also includes investment costs for minor and replacement equipment and spare parts. This includes acquisition of new or modified weapon and combat support systems and resources for the establishment of new operational units. Associated with this is new or improved ordnance and weapons, land, air, and sea mobility equipment, special uniforms and personnel gear, communications and electronic equipment, the initial outfitting of new operations units and activities. Military construction costs may be included to cover directly applicable facilities for acquiring a new or improved

operational force capability.

Excludes TDA units and TDA augmentation to TOE units having a predominantly peacetime only mission. Also excludes funding associated with PEs 1160401BB, 1160402BB, 1160404BB, 1160405BB, 1160407BB, 1160408BB and 1160409BB.

1120979BB SOF Other Special Operations Support Activities (Army Reserve);X-0-07;
Includes Army Reserve manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the SOF Army Reserve Tactical Communications, Chemical, and Other SOF Support Operational units and organizations.

Includes personnel and operations and maintenance costs that are directly associated with an individual units operations and training. Also includes investment costs for minor and replacement equipment and spare parts. This includes acquisition of new or modified weapon and combat support systems and resources for the establishment of new operational units. Associated with this is new or improved ordnance and weapons, land, air, and sea mobility equipment, special uniforms and personnel gear, communications and electronic equipment, the initial outfitting of new operations units and activities. Military construction costs may be included to cover directly applicable facilities for acquiring a new or improved operational force capability.

Excludes TDA units and TDA augmentation to TOE units having a predominantly peacetime only mission. Also excludes funding associated with PEs 1160401BB, 1160402BB, 1160404BB, 1160405BB, 1160407BB, 1160408BB and 1160409BB.

11300110 (A,BB,D,F,M,N) General Support-Active (H);X-95-2;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following Active general support activities:

Includes standard and centralized base operation organizational activities and their related equipment, services, facilities and personnel costs engaged in printing and reproduction, telecommunications and other logistical and administrative functions.

11304110 (A,BB,F) General Support-Guard;X-7-06;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following Guard general support activities:

Includes standard and centralized base operation organizational activities and their related equipment, services, facilities and personnel costs engaged in printing and reproduction, telecommunications and other logistical and administrative functions.

1130431BB SOF Intelligence Activities;X-0-07;
Includes all Headquarters USSOCOM and/or component manpower authorizations, unique and support equipment, ADP, necessary facilities and the associated cost specifically identified and measurable to support the Intelligence Activities of USSOCOM.

Excludes PEs 1160401BB, 1160402BB, 1160404BB, 1160405BB, 1160407BB, 1160408BB and 1160409BB.

1130432BB SOF C2 Activities;X-0-07;
Includes all Headquarters USSOCOM and/or component manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the SOF Command and Control which includes Command Center operations, deployable command, control and communications assets, and automation support.

Excludes the Special Operations Contingency Communications Element (SOCCE) included in PE 1130535BB. Also excludes funding associated with PEs 1160401BB, 1160402BB, 1160404BB, 1160405BB, 1160407BB, 1160408BB and 1160409BB.

1130433BB Extension of Intelligence Data (SOCRATES);X-0-07;
Includes all Headquarters USSOCOM and/or component manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the use of the SOCRATES system.

Excludes PEs 1160401BB, 1160402BB, 1160404BB, 1160405BB, 1160407BB, 1160408BB and 1160409BB.

1130439BB Intell Telecom and Defense Special Security System;X-0-07;
Includes all Headquarters USSOCOM and/or component manpower authorizations, peculiar and support equipment, necessary facilities and associated costs specifically identified and measurable for the Special Intelligence Telecommunications (SPINTCOMM) network, other telecommunications used primarily to transmit special compartmented intelligence and collateral information, and certain sensitive and privacy information to and between intelligence organizations.

Excludes PEs 1160401BB, 1160402BB, 1160404BB, 1160405BB, 1160407BB, 1160408BB and 1160409BB.

1130451BB WWMCCS - ADP;X-0-07;
Includes all Headquarters USSOCOM and/or component manpower, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: All resources, except R&D, directly associated with ADP support of the World-Wide Military Command and Control System (WWMCCS) as defined in DoD Directive 5100.30. Includes WWMCCS ADP at HQ USSOCOM.

Excludes PEs 1160401BB, 1160402BB, 1160404BB, 1160405BB, 1160407BB, 1160408BB and 1160409BB.

1130452BB WWMCCS Information Systems (WIS);X-0-07;
Includes all Headquarters USSOCOM and/or component manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

All resources, except R&D, directly associated with new ADP support for the World-Wide Military Command and Control System (WWMCCS) as defined in DoD Directive 5100.30. This new ADP support is defined under "Modernization

of the WWMCCS Information System (WIS)". Includes USSOCOM HQ.

Excludes PEs 1160401BB, 1160402BB, 1160404BB, 1160405BB, 1160407BB, 1160408BB and 1160409BB.

1130453BB SOF Communications;X-0-07;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following: nontactical telecommunications networks, services, leases, facility controls, and associated equipment which the Services operate, or have operational responsibility for, and are not identified as DCS in accordance with DoD Directive 5105.19. Includes those functions provided by the Services on a reimbursable basis and recorded by the Services under PEs 0303111A, 0303112F, and 0303113N.

Excludes PEs 1160401BB, 1160402BB, 1160404BB, 1160405BB, 1160407BB, 1160408BB and 1160409BB.

1130454BB WWMCCS/Global Command and Control System;X-94-2;;
Includes RDT&E, Procurement, O&M, and Military Personnel related costs directly associated with the evolution, growth, maturation, support, operation, and maintenance of the Global Command and Control System (GCCS), and related systems and facilities. Includes those resources devoted to system engineering and component and subsystem development, integration and testing, test and evaluation, production and production support, installation and training, operation and maintenance, as well as program management of GCCS, and related systems as approved by the Joint Staff.

Also includes all World Wide Military Command and Control System (WWMCCS) resources starting with FY 1995 programs.

1130535BB Special Operations Contingency Communications Element (SOCCE);X-0-07;
Includes Active Air Force manpower authorizations, peculiar and support equipment, necessary facilities, procurement funding, and the associated costs specifically identified and measurable to the AFSOC Command and Control System which includes Command Center operations, organic deployable command, control and communications assets, and automation support. Includes requirements of the Special Operations Contingency Communication Element (SOCCE) which provides C4S equipment and personnel in support of deployed AFSOC assets.

Excludes PEs 1160401BB, 1160402BB, 1160404BB, 1160405BB, 1160407BB, 1160408BB and 1160409BB.

11306110 (A,BB,F,M,N) General Support-Reserve;X-7-06;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following Reserve general support activities:

Includes standard and centralized base operation organizational activities and their related equipment, services, facilities and personnel costs engaged in printing and reproduction, telecommunications and other logistical and administrative functions.

11400110 (A,BB,D,F,M,N) Advanced Special Operations Research, Development and Acquisition (H);X-95-2;

Includes activities associated with developing and demonstrating technology for application to special operations requirements and acquiring special SOF equipment. This PE also includes resources associated with DoD participation in programs such as the NSC/State Department-sponsored research and development program.

1150198BB SOF Management Headquarters (USASOC);X-0-07;
Includes Active Army manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the U.S. Army Special Operation Command (USASOC): The Army Component Command Headquarters of Special Operations Forces.

Excludes: Non-management headquarters resources identified under PE 1190199BB, WWMCCS ADP support to SOF activities, PEC 1190114BB. Also excludes funding associated with PEs 1160401BB, 1160402BB, 1160404BB, 1160405BB, 1160407BB, 1160408BB and 1160409BB.

1150298BB SOF Management Headquarters (NAVSPECWARCOM);X-0-07;
Includes Active Navy manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the Naval Special Warfare Command (NAVSPECWARCOM): The Naval Component Command Headquarters of Special Operations Forces.

Excludes: WWMCCS ADP support to SOF activities, 1190214BB. Also excludes funding associated with PEs 1160401BB, 1160402BB, 1160404BB, 1160405BB, 1160407BB, 1160408BB and 1160409BB.

1150498BB SOF Management Headquarters (USSOCOM);X-0-07;
Includes Headquarters USSOCOM manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to Headquarters USSOCOM.

Excludes: WWMCCS ADP support to SOF activities, as well as resources identified under PEC 1120493BB. Also excludes funding associated with PEs 1160401BB, 1160402BB, 1160404BB, 1160405BB, 1160407BB, 1160408BB and 1160409BB.

1150598BB SOF Management Headquarters (AFSOC);X-0-07;
Includes Active Air Force manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the AFSOC: Air Force Component Command Headquarters of Special Operations Forces.

Excludes: WWMCCS ADP support to SOF activities, and 1190514BB. Also excludes funding associated with PEs 1160401BB, 1160402BB, 1160404BB, 1160405BB, 1160407BB, 1160408BB and 1160409BB.

1160279BB Small Business Innovative Research/Small Bus Tech Transfer Pilot Prog;X-93-2;;

1160401BB Special Operations Technology Development;X-0-07;

Includes civilian and military manpower authorizations and related costs as applicable, and RDT&E funds specifically identified and measurable for research and exploration of alternatives and concepts prior to development of specific SOF weapons and equipment systems. This PE is primarily associated with RDT&E funding. Particular emphasis is placed on influencing other agency technology research to examine SOF issues and on demonstrating applied technology to provide improved SOF capabilities. Funding in the PE will be managed by the Director SORDAC at HQ USSOCOM.

1160402BB Special Operations Advanced Technology Development;X-0-07;
Includes civilian and military manpower authorizations and related costs as applicable, and RDT&E funds specifically identified and measurable to provide for exploration of alternatives and concepts prior to development of specific Special Operations weapons systems and equipment. New technological developments are pursued which are not formally identified to specific operational requirements, but which may have application to the development and modification efforts for use on special operations air, maritime, and land-mobility systems, and all other special operations equipment and systems. This PE is primarily for RDT&E, but could include procurement, O&M, and in some cases, MILCON resources. It includes demonstration and validation of full scale engineering and may include concept exploration. Funding in the PE will be managed by the Director SORDAC at HQ USSOCOM.

1160404BB Special Operations Tactical Systems Development;X-0-07;
Includes civilian and military manpower authorizations and related costs as applicable, and RDT&E funds specifically identified and measurable to provide for advanced engineering, and operational systems development efforts related to special operations tactical equipment. It includes concept exploration as well as demonstration and validation and full scale engineering. This PE is primarily for RDT&E, procurement, and O&M resources, but can include military construction funding for directly applicable projects. Programs and activities in this PE will transition to "other ongoing activities" upon reaching full operational capability (FOC) plus 1 year, or by agreement between Director SORDAC and user(s).

1160405BB Special Operations Intelligence Systems Development;X-0-07;
Includes civilian and military manpower authorizations and related costs as applicable, and RDT&E funds specifically identified and measurable to provide for advanced engineering, and operational systems development efforts related to special operations intelligence equipment. This PE is primarily for RDT&E, procurement, O&M, and in some cases MILCON resources. It includes concept exploration as well as demonstration and validation and full scale engineering. Programs and activities in this PE will transition to "other ongoing activities" upon reaching full operational capability (FOC) plus 1 year, or by agreement between Director SORDAC and user(s).

1160407BB SOF Medical Technology Development;X-0-07;
Includes civilian and military manpower authorizations and related costs as applicable, and RDT&E funds specifically identified and measurable for research and exploration of alternatives and concepts prior to development of specific SOF medical systems. This PE is primarily associated with RDT&E funding. Particular emphasis is placed on influencing other agency technology research to examine SOF medical issues and on demonstrating applied technology to provide improved SOF medical capabilities. Funding in the PE will be managed by the Director SORDAC at HQ USSOCOM.

1160408BB SOF Operational Enhancements;X-0-07;

Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to activities associated with developing and demonstrating technology for application to SOF requirements and acquiring special SOF equipment. Includes resources associated with DOD participation in programs such as NSC/State Department sponsored research and development programs. This PE may contain funds from any or all of the SOF appropriations and includes funding for rapid prototyping.

1160409BB Other Force Programs;X-0-07;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to resources for new or improved operational mission capabilities, operational support requirements, acquiring a new or improved operational force capability, and/or other special operations activities assigned that are directly applicable to existing special operations force structure expansions. Includes acquisition of new or modified weapon and combat support systems. This PE may contain funds from any or all of the SOF appropriations and includes funding for rapid prototyping.

1170018BB GOCO Contract Maintenance;X-93-1;;
Costs of operations of the Government Owned Contractor Operated (GOCO) contract at the Lexington Bluegrass Army Depot (LBAD).

1170019BB GOCO COR Staff Operations;X-93-1;;
Costs associated with the contractor representative government staff office that manages the Government Owned Contractor Operated (GOCO) contract, located at the Lexington Bluegrass Army Depot (LBAD). Includes civilian salaries, TDY, supportcontracts, base operating support, etc that is associated with the general and administrative overhead in managing the GOCO contract.

1170417BB Maintenance Support Activities (Depot Level);X-0-07;
Maintenance Support services include Centralized Programing and Planning Support, Technical and Engineering Services, Maintenance Engineering Planning and Services (including Maintenance Publications), and Engineering Data. These services facilitate support, and perpetuate the maintenance process but do not contribute directly to production operations

Excludes PEs 1160401BB, 1160402BB, 1160404BB, 1160405BB, 1160407BB, 1160408BB and 1160409BB.

1170418BB Depot Maintenance Activities;X-0-07;
Depot level maintenance (to include installation of modification/conversion kits) of weapons/support systems and commodity groups equipment associated with the SOF activities.

Includes Headquarters USSOCOM and/or component funds for reimbursement of the industrial funds of each Service for depot maintenance of SOF-unique or SOF-peculiar aircraft and equipment, for financing commercial depot maintenance contracts, and for inter-Service depot maintenance, and manpower, equipment facilities, and associates costs directly measurable to nonindustrial-funded, depot-level maintenance at Service facilities providing maintenance support of SOF-peculiar equipment. (Includes both the Service industrially-funded installations specified in PE

07020070 and the non-industrially funded facilities specified in PE 07022070.)

Excludes PEs 1160401BB, 1160402BB, 1160404BB, 1160405BB, 1160407BB, 1160408BB and 1160409BB.

1170428BB Ship Maintenance Activities (Depot Level);X-0-07;
Includes Headquarters USSOCOM and/or component funds for reimbursement for ship maintenance activities at both the industrially-funded Naval shipyards (PE 0702028N) and the manpower authorizations, and the associated costs specifically identified and measurable to nonindustrial-funded ship maintenance activities at Navy ship repair facilities (PE 0702228N).

Excludes PEs 1160401BB, 1160402BB, 1160404BB, 1160405BB, 1160407BB, 1160408BB and 1160409BB.

11800980 (A,BB,F,J,M,N) Management Headquarters (SOCOM);X-7-06;
Includes manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

U.S. Special Operations Command (SOFCOM) Headquarters.

Excludes nonmanagement headquarters resources.

1180181BB USAJFK Special Warfare Center and Other SOF Army Training Activities;X-93-1;;
Includes SOF Active Army manpower authorization, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the USA JFK Special Warfare Center (School) and the SOF portion of the Joint Regional Training Center (JRTC) which educate American and Allied personnel in geopolitical, psychological and military consideration of Joint Special Operations. Included is the administrative and logistical support of students attending training, operating cost of aircraft used in training, field maintenance, and organizational maintenance.

Excludes aircraft procurement (investment) costs properly identified with other mission PEs and indirect suppo rt aircraft normally accounted for in the base operations PEs of the supporting installation. Also excludes f unding associated with PEs 1160401BB, 1160402BB, 1160405BB, 1160407BB, 1160408BB and 1160409BB.

1180184BB SOF Language Training;X-0-07;
Includes Active Army manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the initial training in a foreign language which is related to Special Operations Forces but closely parallels the language training performed by the Defense Language Institute. Also includes proficiency language training or refresher language training unless such training is included in the curriculum of the Defense Language Institute.

Excludes SOF Language Training performed in residence at the Defense Language Institute since these costs are included in an Army training PE. Also excludes funding associated with PEs 1160401BB, 1160402BB, 1160404BB, 1160405BB, 1160407BB, 1160408BB and 1160409BB.

1180282BB Naval Special Warfare Training Center;X-0-07;

Includes Active Navy manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the Naval Special Warfare Training Center (School), which educates American and Allied personnel in geopolitical, psychological and military considerations of Joint Special Operations. Included is the administrative and logistical support of students attending training, operating costs of training personnel on the use of sea, air and land insertion operations, field maintenance, organizational maintenance, and permanent party student authorizations.

Excludes procurement (investment) costs identified with mission PEs and indirect support equipment accounted for in base operations elements of the supporting installation. Also excludes funding associated with PEs 1160401BB, 1160402BB, 1160404BB, 1160405BB, 1160407BB, 1160408BB and 1160409BB.

1180485BB SOF Air Crew Training;X-0-07;

Includes all Headquarters USSOCOM and/or component manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the transition training of air crews to SOF aircraft operations and SOF tactics.

Excludes initial flight training and qualification on both fixed and rotary wing aircraft, which remains a Service responsibility and is resourced in MFP-8. Also excludes funding associated with PEs 1160401BB, 1160402BB, 1160404BB, 1160405BB, 1160407BB, 1160408BB and 1160409BB.

1180486BB SOF Training Development/Training Devices;X-0-07;

Includes all Headquarters USSOCOM and/or component manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to development of Special Operations Forces training technology and instructional systems. Includes costs of developing resident, nonresident training programs and materials by SOF proponents to meet the needs of the Services in support of SOF activities in the field. Includes initial procurement and development support of demonstrational or test instructional systems or subsystems, unless applicable specifically to a particular type of training, e.g., flight simulators for undergraduate pilot training of each military department such as Army PE 0804741A.

Excludes combat developments activities. Also excludes funding associated with PEs 1160401BB, 1160402BB, 1160404BB, 1160405BB, 1160407BB, 1160408BB and 1160409BB.

1180583BB USAF Special Operations School;X-0-07;

Includes Active Air Force manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the USAF Special Operations School, which educates American and Allied personnel in geopolitical, psychological and military considerations of Joint Special Operations.

Includes: Administrative and logistical support of students attending training, operating costs of aircraft used in training, field maintenance, organizational maintenance, and permanent party student authorizations.

Excludes PEs 1160401BB, 1160402BB, 1160404BB, 1160405BB, 1160407BB, 1160408BB and 1160409BB. Also excludes aircraft procurement (investment) costs identified with mission PEs and indirect support aircraft accounted for in base operations PEs of the supporting installation.

1190114BB SOF Public Affairs (Limitation) (Army);X-0-07;

Includes Active Army peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to Special Operations Forces public information and community relations which are further defined as follows:

All functions and activities which are performed primarily for the purpose of providing official information about the Military Departments and Defense Agencies to the public and public media, such as press, radio and television, magazines and books, motion pictures, or other outlets. Public information products are generated in response to requests for information also at the initiative of the Department of Defense to fulfill its obligation of informing the public within the bounds of security and in accordance with DoD Directive 5230.13 and the statement by the Secretary of Defense on Public Information Principles of March 4, 1969.

All functions and activities which are performed primarily for the purpose of contributing to good relations between the Military Departments and Defense Agencies and all segments of the civilian population at home and abroad to help foster mutual acceptance, respect and cooperation.

Included are the direct costs of personnel primarily engaged in, and products and services directed to, public affairs function both at the initiative of DoD and in response to media and public requests.

Excludes cost of internal information and attendant recruiting and retention programs and management costs, such as security review and administration; and Management Headquarters resources. Also, excludes funds properly charged to PE 1190191BB.

1190191BB Commander's Official Representation Funds (Army);X-0-07;
Includes only operations and maintenance funding for all Active Army costs associated with the expenditure of funds in support of officially sanctioned activities which promotes the goals of CINCSOC and the DoD. Funding is used to maintain the standing and prestige of the United States by extending official courtesies to guests of the DoD. Guidance is provided in DoD Directive 7250.13.

1190199BB Other Headquarters Activities (Army);X-0-07;
Includes Active Army manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the management support activities of the ASOC Headquarters which are not directly involved in establishing policy and monitoring the execution of that policy.

Excludes PEs 1160401BB, 1160402BB, 1160404BB, 1160405BB, 1160407BB, 1160408BB and 1160409BB.

1190214BB SOF Public Affairs (Limitation) (Navy);X-0-07;
Includes Active Navy peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to NAVSPECWARCOM public information and community relations which are further defined as follows:

All functions and activities which are performed primarily for the purpose of providing official information about the Military Departments and Defense Agencies to the public and public media, such as press, radio and television, magazines and books, motion pictures, or other outlets. Public information products are generated in response to requests for information also at the initiative of the Department of Defense to fulfill its obligation of informing the public within the bounds of security and in accordance with DoD Directive 5230.13 and the statement

by the Secretary of Defense on Public Information Principles of March 4, 1969.

All functions and activities which are performed primarily for the purpose of contributing to good relations between the Military Departments and Defense Agencies and all segments of the civilian population at home and abroad to help foster mutual acceptance, respect and cooperation.

Included are the direct costs of personnel primarily engaged in, and products and services directed to, public affairs function both at the initiative of DoD and in response to media and public requests.

Excludes cost of internal information and attendant recruiting and retention programs and management costs, such as security review and administration; and Management Headquarters resources. Excludes PE 1190291BB.

1190291BB Commander's Official Representation Funds (Navy);X-0-07;
Includes only operations and maintenance funding for all Active Navy costs associated with the expenditure of funds in support of officially sanctioned activities which promotes the goals of CINCSOC and the DoD. Funding is used to maintain the standing and prestige of the United States by extending official courtesies to guests of the DoD. Guidance is provided in DoD Directive 7250.13.

1190299BB Other Headquarters Activities (Navy);X-0-07;
Includes Active Navy manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the management support activities of the NAVSPECWARCOM Headquarters which are not directly involved in establishing policy and monitoring the execution of that policy.

Excludes PEs 1160401BB, 1160402BB, 1160404BB, 1160405BB, 1160407BB, 1160408BB and 1160409BB.

1190414BB SOF Public Affairs (Limitation) (HQ USSOCOM);X-0-07;
Includes HQUSSOCOM peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to Special Operations Forces (ASOC) public information and community relations which are further defined as follows:

All functions and activities which are performed primarily for the purpose of providing official information about the Military Departments and Defense Agencies to the public and public media, such as press, radio and television, magazines and books, motion pictures, or other outlets. Public information products are generated in response to requests for information also at the initiative of the Department of Defense to fulfill its obligation of informing the public within the bounds of security and in accordance with DoD Directive 5230.13 and the statement by the Secretary of Defense on Public Information Principles of March 4, 1969.

All functions and activities which are performed primarily for the purpose of contributing to good relations between the Military Departments and Defense Agencies and all segments of the civilian, population at home and abroad to help foster mutual acceptance, respect and cooperation.

Included are the direct costs of personnel primarily engaged in, and products and services directed to, public affairs function both at the initiative of DoD and in response to media and public requests.

Excludes cost of internal information and attendant recruiting and retention programs and management costs, such

as security review and administration; and Management Headquarters resources. Excludes PE 1190491BB.

1190461BB Financial Operations;X-92-4;;
Includes costs associated with accounting and finance services provided by the Defense Finance and Accounting Centers.

1190476BB Minor Construction (RPM) ;X-91-3;;
Includes manpower authorizations, peculiar and support equipment, necessary faclities and the associated cost specifically identified and measurable to the following:

All construction costing less than the statutory maximum amount for a Minor Military Construction project as established by section 2805 of title 10 U.S.C. in support of costs incurred by USSOCOM and its components.

1190478BB Maintenance and Repair (RPM) ;X-91-3;;
Includes manpower authorizations, peculiar and support equipment, necessary faclities and the associated cost specifically identified and measurable to the following:

Maintenance and repair of real property, i.e., utilities, buildings, other facilities, pavements, (roads, parking areas, runways, etc.), land, and grounds. Includes, but not limited to, such things as repair of electrical circuitry, heating and air conditioning, water piping, and routine maintenance work such as caulking, painting, etc. in support of USSOCOM and its components.

1190491BB Commander's Official Representation Funds (HQ USSOCOM);X-0-07;
Includes all HQ USSOCOM Operations and Maintenance costs associated with the expenditure of funds in support of officially sanctioned activities which promotes the goals of CINCSOC and the DoD. Funding is used to maintain the standing and prestige of the United States by extending official courtesies to guests of the DoD. Guidance is provided in DoD Directive 7250.13.

1190492BB Contingencies (Limitation);X-0-07;
Includes costs of emergency and extraordinary expenses arising in USSOCOM to be expended with the approval of the Secretary of Defense. Specifically includes only appropriations for contingencies.

1190494BB Base Operations Support: Engineering Services;X-0-07;
This PE exists to track costs incurred by USSOCOM and its components when the host installation cannot/or will not provide required support. Includes any required reimbursement for peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the real property maintenance at installations with a primary mission of supporting Program 11 activities.

Maintenance and repair of all real property -utility systems, -buildings, -other facilities, -pavements (roads,

parking areas, etc), -land (grounds). Minor construction (with other than military construction funds).

Operation of utilities for all real property.

Other engineering support, -fire protection, -custodial services, -entomology services, -refuse collection and disposal, -snow removal and ice alleviation, -rental of real property, -other installation engineering services.

Includes funding for reimbursement of Public Work Centers or host installations for real property maintenance of Program 11 activities and payments to GSA.

1190496BB Base Operations Support ;x-91-3;;
This PE exists to track costs incurred by USSOCOM and its components when the host installation cannot/or will not provide required support. Includes any required reimbursement for peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the following:

Operation of utilities for all real property.

Other engineering support, -fire protection, -custodial services, -entomology services, -refuse collection and disposal, -snow removal and ice alleviation, -rental of real property, -other installation engineering services.

Includes funding for reimbursement of Public Work Centers or host installations for engineering services of Program 11 activities and payments to GSA.

1190499BB Other Headquarters Activities;X-0-07;
Includes HQUSSOCOM manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the management support activities of the Headquarters which are not directly involved in establishing policy and monitoring the execution of that policy.

Excludes PEs 1160401BB, 1160402BB, 1160404BB, 1160405BB, 1160407BB, 1160408BB and 1160409BB.

1190514BB SOF Public Affairs (Limitation) (Air Force);X-0-07;
Includes Active Air Force peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to Air Force Special Operations Forces (AFSOC) public information and community relations which are further defined as follows:

All functions and activities which are performed primarily for the purpose of providing official information about the Military Departments and Defense Agencies to the public and public media, such as press, radio and television, magazines and books, motion pictures, or other outlets. Public information products are generated in response to requests for information also at the initiative of the Department of Defense to fulfill its obligation of informing the public within the bounds of security and in accordance with DoD Directive 5230.13 and the statement by the Secretary of Defense on Public Information Principles of March 4, 1969.

All functions and activities which are performed primarily for the purpose of contributing to good relations between the Military Departments and Defense Agencies and all segments of the civilian population at home and abroad to help foster mutual acceptance, respect and cooperation.

Included are the direct costs of personnel primarily engaged in, and products and services directed to, public affairs function both at the initiative of DoD and in response to media and public requests.

Excludes cost of internal information and attendant recruiting and retention programs and management costs, such as security review and administration; and Management Headquarters resources. Excludes PE 1190591BB.

1190591BB Commander's Official Representation Funds (Air Force);X-0-07;
Includes only operations and maintenance funding for all Active Air Force costs associated with the expenditure of funds in support of officially sanctioned activities which promotes the goals of CINCSOC and the DoD. Funding is used to maintain the standing and prestige of the United States by extending official courtesies to guests of the DoD. Guidance is provided in DoD Directive 7250.13.

1190599BB Other Headquarters Activities (Air Force);X-0-07;
Includes Active Air Force manpower authorizations, peculiar and support equipment, necessary facilities and the associated costs specifically identified and measurable to the management support activities of the AFSOC Headquarters which are not directly involved in establishing policy and monitoring the execution of that policy.

Excludes PEs 1160401BB, 1160402BB, 1160404BB, 1160405BB, 1160407BB, 1160408BB and 1160409BB.