



**LEVEL III**

12

**DEPARTMENT OF THE ARMY**

**JUSTIFICATION OF ESTIMATES FOR FISCAL YEAR 1982**

**SUBMITTED TO CONGRESS**

JANUARY 1981

Part 5



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PART OF PARTS  
OTHER PROCUREMENT ARMS

**PROCUREMENT**

**AIRCRAFT  
WEAPONS & TRACKED COMBAT VEHICLES  
AMMUNITION**

**PROGRAMS**

**MISSILES  
OTHER**

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OFFICE OF THE SECRETARY OF THE ARMY

12

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DEPARTMENT OF THE ARMY  
Office of the Deputy Chief of Staff  
FOR  
RESEARCH, DEVELOPMENT, AND ACQUISITION

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January 1981

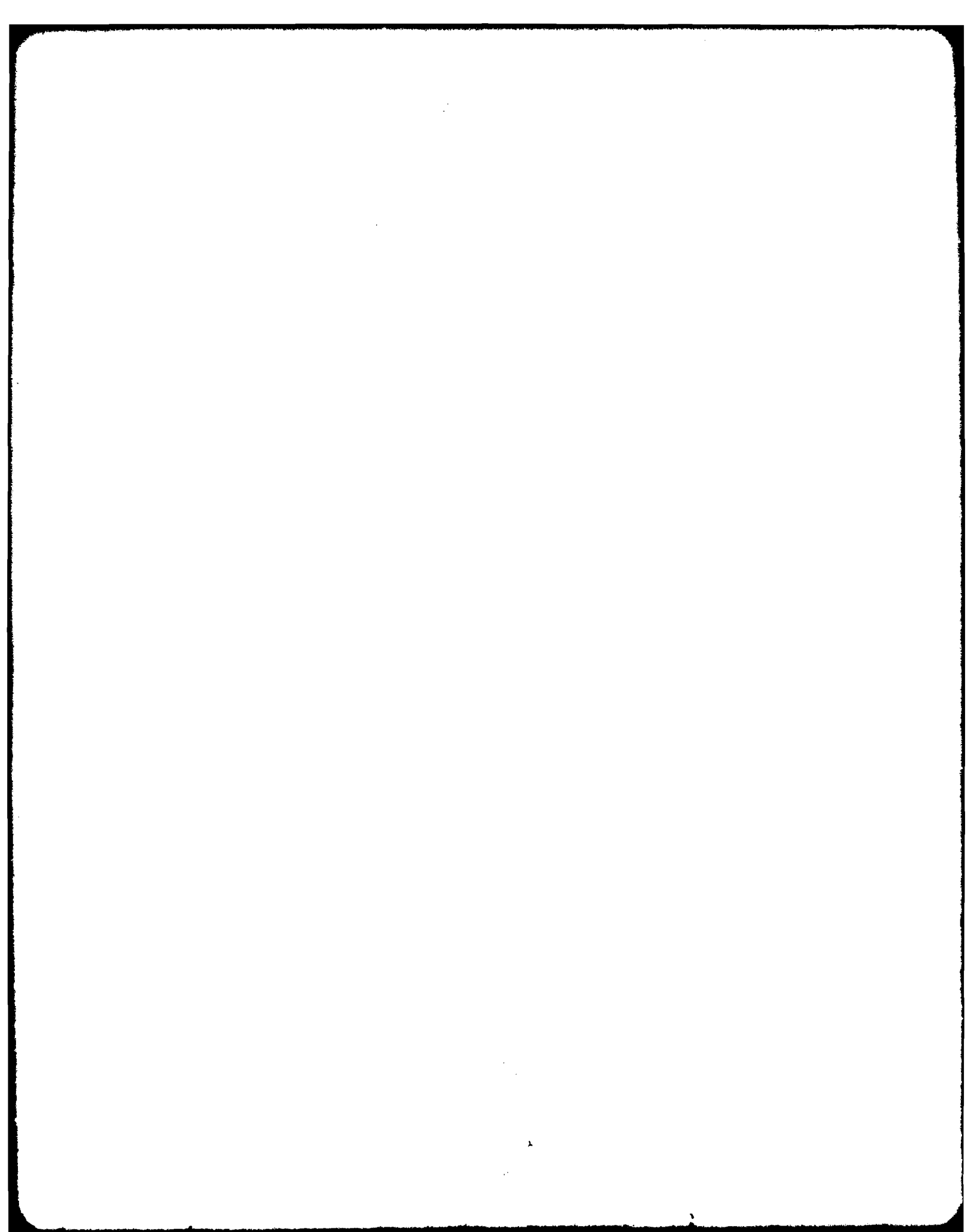
DEPARTMENT OF THE ARMY  
PROCUREMENT APPROPRIATIONS

Justification of Estimates for Fiscal Years 1982, 83 (Auth Only)

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DEPARTMENT OF THE ARMY  
Other Procurement, Army

Justification of Estimates for Fiscal Year 1982

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OTHER PROCUREMENT, ARMY

Section 1

Budget Appendix Extract

Language

Program and Financing Schedule

Object Classification Schedule

5-1 - 1/15/81

APPROPRIATION LANGUAGE

For construction, procurement, production, and modification of vehicles, including tactical, support and nontracked combat vehicles; communications and electronic equipment; other support equipment; spare parts, ordnance and accessories therefor; specialized equipment and training devices; expansion of public and private plants, including the land necessary therefor, without regard to section 4774, title 10, United States Code, for the foregoing purposes, and such lands and interest therein, may be acquired, and construction prosecuted thereon prior to approval of title as required by section 355, Revised Statutes, as amended; and procurement and installation of equipment, appliances, and machine tools in public and private plants; reserve plant and Government and contractor owned equipment layaway; and other expenses necessary for the foregoing purposes: (\$2,223,658,000) \$2,325,700,000 to remain available for obligation until September 30 (1983) 1984

(10 U.S.C. 2353, 3012, 4531, 4532, 31 U.S.C. 649c; Department of Defense Appropriation Act, 1981)

EXPLANATION OF LANGUAGE CHANGES

- (1) To change the amount of appropriation requested for FY 1982.
- (2) To change the obligation expiration date for the FY 1982 program.

Army

Other Procurement, Army

15 JAN 81

Program and Financing (in thousands of dollars)		Budget plan (amounts for procurement actions programmed)		Obligations			
Identification code	21-2035-0-1-051	1980 actual	1981 est.	1982 est.	1980 actual	1981 est.	1982 est.
<b>Program by activities:</b>							
<b>Direct:</b>							
	1. Tactical and support vehicles	62,087	226,000	289,700	148,579	158,166	250,289
	2. Communications and electronics equipment	1,034,349	1,401,558	1,294,900	961,718	1,240,857	1,314,360
	3. Other support equipment	386,572	596,100	741,100	420,809	436,860	640,872
	Total direct	1,483,008	2,223,658	2,325,700	1,531,106	1,835,883	2,205,511
	Reimbursable program (total)	252,086	427,100	373,700	222,477	381,357	372,216
10.00	Total	1,735,074	2,650,758	2,699,400	1,753,583	2,217,240	2,577,727
<b>Financing:</b>							
<b>Offsetting collections from:</b>							
11.00	Federal funds	-128,816	-249,400	-229,200	-124,337	-239,900	-229,200
13.00	Trust funds	-124,684	-177,700	-144,500	-121,621	-177,200	-144,500
14.00	Non-federal sources	-5			-94		
17.00	Recovery of prior year obligations, obl plan				-9,835		
21.40	Unobligated balance available, start of year:						
21.40	For completion of prior year budget plans				-702,817		-1,069,139
21.40	Available to finance new budget plans	-47,000			-47,000		
23.40	Reprogramming from or to prior year budget plan	-40,889					
23.40	Unobligated balance transferred to other accounts	10,048					
24.40	Unobligated balance available, end of year				645,621	1,069,139	1,190,612
25.00	Unobligated balance lapsing	75,821			75,821		
39.00	Budget authority	1,479,569	2,223,658	2,325,700	1,479,569	2,223,658	2,325,700
<b>Budget authority:</b>							
40.00	Appropriation	1,435,410	2,223,658	2,325,700	1,435,410	2,223,658	2,325,700
41.00	Appropriation rescinded	-2,000			-2,000		
42.00	Transferred to other accounts	-34,741			-34,741		
42.00	Transferred from other accounts	33,900			33,900		
43.00	Appropriation (adjusted)	1,432,569	2,223,658	2,325,700	1,432,569	2,223,658	2,325,700
50.00	Reappropriation	47,000			47,000		
<b>Relation of obligations to outlays:</b>							
71.00	Obligations incurred, net				1,507,531	1,800,140	2,204,027
72.40	Obligated balance, start of year				2,019,830	2,077,819	2,203,459
74.40	Obligated balance, end of year				-2,077,819	-2,203,459	-2,533,768
77.00	Adjustments in expired accounts				16,611		
78.00	Adjustments in unexpired accounts				-9,636		
90.00	Outlays				1,456,519	1,674,500	1,873,700

Army

Other Procurement, Army

15 JAN 81

Object Classification (in thousands of dollars)

Identification code 21-2035-0-1-051

1980 actual 1981 est. 1982 est.

25.0	Direct obligations:			
26.0	Other services:			
31.0	Supplies and materials	638,435	716,340	826,720
	Equipment	144,700	187,900	216,200
		847,971	931,643	1,160,591
99.0	Total direct obligations	1,631,106	1,835,863	2,205,511
		*****	*****	*****
25.0	Reimbursable obligations:			
26.0	Other services:			
31.0	Supplies and materials	82,602	131,600	133,400
	Equipment	21,200	34,800	35,300
		116,875	214,957	203,516
99.0	Total reimbursable obligations	222,477	381,357	372,216
		*****	*****	*****
99.9	Total obligations	1,753,583	2,217,240	2,577,727

Identification code	21-2035-0-1-051	Program and Financing (in thousands of dollars)		1978 Fiscal year program	
		Budget plan (amounts for procurement actions programmed)		Obligations	
		1980 actual	1981 est.	1980 actual	1981 est.
<b>Program by activities:</b>					
<b>Direct:</b>					
	1. Tactical and support vehicles			8,267	
	2. Communications and electronics equipment			73,411	
	3. Other support equipment			48,197	
	Total direct			129,875	
	Reimbursable program (total)			8,311	
10.00	Total			138,186	
<b>Financing:</b>					
<b>Offsetting collections from:</b>					
11.00	Adjustment to pay federal fund orders			12,359	
3.00	Adjustment to pay trust fund orders			2,209	
4.00	Adjustment to non-federal sources			-84	
17.00	Recovery of prior year obligations, obl plan			-6,273	
21.40	Unobligated balance available, start of year:				
21.40	For completion of prior year budget plans				
23.40	Reprogramming from or to prior year budget plan			-182,312	
	Unobligated balance transferred to other accounts				
25.00	Unobligated balance lapsing			10,048	
40.00	Budget authority			25,867	

Army

Other Procurement, Army

15 JAN 81

Program and Financing (in thousands of dollars)

1979 Fiscal Year Program

Obligations

Budget plan (amounts for procurement actions programmed)

1980 actual 1981 est. 1982 est. 1980 actual 1981 est. 1982 est.

Identification code 21-2035-0-1-051

Program by activities:

Direct:

- 1. Tactical and support vehicles
- 2. Communications and electronics equipment
- 3. Other support equipment

Total direct

Reimbursable program (total)

10.00 Total

Financing:

Offsetting collections from:

- 11.00 Adjustment to pay federal fund orders
- 13.00 Adjustment to pay trust fund orders
- 14.00 Adjustment to non-federal sources
- 17.00 Recovery of prior year obligations, obl plan
- Unobligated balance available, start of year:
- 21.40 For completion of prior year budget plans
- 21.40 Available to finance new budget plans
- 21.40 Reprogramming from or to prior year budget plan
- 24.40 Unobligated balance available, end of year
- 25.00 Unobligated balance lapsing

40.00 Budget authority

	1980 actual	1981 est.	1982 est.	1980 actual	1981 est.	1982 est.
1. Tactical and support vehicles	91,744			91,744	1,634	
2. Communications and electronics equipment	169,472			169,472	63,650	
3. Other support equipment	63,914			63,914	35,428	
Total direct	325,130			325,130	121,112	
Reimbursable program (total)	39,517			39,517	30,185	
Total	364,647			364,647	151,297	
Offsetting collections from:						
Adjustment to pay federal fund orders	-7,680			-7,680	9,500	
Adjustment to pay trust fund orders	854			854	500	
Adjustment to non-federal sources	-5			-5		
Recovery of prior year obligations, obl plan	-3,362			-3,362		
Unobligated balance available, start of year:						
For completion of prior year budget plans	-520,505			-520,505	-161,297	
Available to finance new budget plans	-47,000			-47,000		
Reprogramming from or to prior year budget plan	-4,984			-4,984		
Unobligated balance available, end of year	161,297			161,297		
Unobligated balance lapsing	49,954			49,954		
Budget authority	-2,000			-2,000		

Army

Other Procurement, Army

15 JAN 81

Program and Financing (in thousands of dollars)

1980 Fiscal year program

Obligations

Identification code 21-2035-0-1-051

Budget plan (amounts for procurement actions programmed)

1980 actual 1981 est. 1982 est. 1980 actual 1981 est. 1982 est.

Program by activities:

10.00	Direct:								
	1.	Tactical and support vehicles	62,087			48,568	6,632		6,687
	2.	Communications and electronics equipment	1,034,349			718,835	204,971		110,543
	3.	Other support equipment	386,572			308,698	35,902		41,972
		Total direct	1,483,008			1,076,101	247,505		159,402
		Reimbursable program (total)	252,066			174,649	52,211		25,206
		Total	1,735,074			1,250,750	299,716		184,608

Financing:

11.00	Offsetting collections from:								
13.00	Federal funds	-128,816				-128,816			
14.00	Trust funds	-124,684				-124,684			
21.40	Non-federal sources	-5				-5			
24.40	Unobligated balance available, start of year						-484,324		-184,608
	Unobligated balance available, end of year					484,324	184,608		
39.00	Budget authority	1,481,569				1,481,569			

Budget authority:

40.00	Appropriation	1,435,410				1,435,410			
41.00	Transferred to other accounts	-34,741				-34,741			
42.00	Transferred from other accounts	33,900				33,900			
43.00	Appropriation (adjusted)	1,434,569				1,434,569			
50.00	Resappropriation	47,000				47,000			



Army

Other Procurement, Army

15 JAN 81

Identification code	Program and Financing (in thousands of dollars)		1982 Fiscal Year program	
	procurement actions programmed)		Obligations	
	1980 actual	1981 est.	1980 actual	1981 est.
21-2035-0-1-051				
Program by activities:				
Direct:				
	1. Tactical and support vehicles		289,700	191,202
	2. Communications and electronics equipment		1,294,900	672,260
	3. Other support equipment		741,100	471,500
	Total direct		2,325,700	1,534,962
	Reimbursable program (total)		373,700	261,590
10.00	Total		2,699,400	1,796,552
Financing:				
	Offsetting collections from:			
11.00	Federal funds		-229,200	-229,200
13.00	Trust funds		-144,500	-144,500
24.40	Unobligated balance available, end of year			902,848
40.00	Budget authority		2,325,700	2,325,700

Army

Other Procurement, Army

15 JAN 81

(Supplemental now requested under existing legislation)

Program and Financing (in thousands of dollars)

Obligations

Budget plan (amounts for

procurement actions programmed)

Identification code 21-2035-1-1-051

1980 actual 1981 est. 1982 est. 1980 actual 1981 est. 1982 est.

Program by activities:

10.00	Direct:					
	Total		36,000		23,760	8,280
21.40	Financing:					
24.40	Unobligated balance available, start of year					-12,240
	Unobligated balance available, end of year				12,240	3,960
40.00	Budget authority (appropriation)		36,000		36,000	
71.00	Relation of obligations to outlays:					
72.40	Obligations incurred, net				23,760	8,280
74.40	Obligated balance, start of year					21,260
	Obligated balance, end of year				-21,260	-16,240
90.00	Outlays				2,900	13,300

15 JAN 81

Other Procurement, Army

(Supplemental now requested under existing legislation)

Object Classification (in thousands of dollars)

Identification code	21-2035-1-1-051	1980 actual	1981 est.	1982 est.
Other services:				
25.0 Other			4,860	1,860
26.0 Supplies and materials			2,800	1,000
31.0 Equipment			16,400	6,700
99.9 Total obligations			23,760	8,280

OTHER PROCUREMENT, ARMY

Section 2

INTRODUCTORY STATEMENT

5-12 - 1/15/81

DEPARTMENT OF THE ARMY  
ANNUAL BUDGET ESTIMATES

FY 1982  
Budget

Appropriation:  
Other Procurement, Army

Section 2 - INTRODUCTORY STATEMENT

This appropriation finances the acquisition of: (a) Tactical and commercial vehicles including trucks, semi-trailers, and trailers of all types to provide mobility and utility support to field forces and the worldwide logistical system; (b) communications and electronics equipment of all types to provide fixed, semifixed, and mobile strategic and tactical communications equipment; (c) other support equipment such as chemical defensive equipment, tactical bridging, shop sets, construction equipment, floating and rail equipment, generators and power units, material handling equipment, medical support equipment, special equipment for user testing and nonsystem training devices. In each of these activities funds are also included for modification of in-service equipment, investment spares and repair parts, and production base support.

OTHER PROCUREMENT, ARMY

Section 3

SUMMARY OF REQUIREMENTS

5-14 - 1/15/81

SUMMARY OF REQUIREMENTS (In Thousands of Dollars)

Appropriation:	FY 1980		FY 1981		FY 1982	
	Actual	Estimate	Estimate	Estimate	Estimate	Estimate
OTHER PROCUREMENT, ARMY						
Tactical and Support Vehicles	62,087	226,000			289,700	
Communications and Electronics Equipment	1,034,349	1,401,558			1,294,900	
Other Support Equipment	386,572	* 632,100			741,100	
Total Direct Program	1,483,008	2,259,658			2,325,700	
Reimbursable Program	252,066	427,100			373,700	
<b>TOTAL PROGRAM REQUIREMENTS</b>	<b>1,735,074</b>	<b>2,650,758</b>			<b>2,699,400</b>	
Less: Portion of program to be obligated in subsequent fiscal years	- 484,327	- 884,531			- 902,848	
Plus: Obligations incurred against prior year program funds	+ 502,836	+ 451,013			+ 781,175	
<b>TOTAL OBLIGATIONS</b>	<b>1,753,583</b>	<b>2,217,240</b>			<b>2,577,727</b>	

\* Includes \$36,000 thousand supplemental Request

OTHER PROCUREMENT, ARMY

Section 4

Budget Activity Justifications

- Activity 1 - Tactical and Support Vehicles
- Activity 2 - Communications and Electronics Equipment
- Activity 3 - Other Support Equipment

82 JUSTIFICATION BOOK

Department of the Army Annual Budget Estimates JUSTIFICATION Budget Program or Budget Project Account	Appropriation		FY 1982
	Other Procurement, Army		Budget
	Actual	Estimate	Estimate
	FY 1980	FY 1981	FY 1982
Direct Obligation or Direct Budget Plan	\$ 62,087	\$ 226,000	\$ 289,700

Section 1 - PURPOSE AND SCOPE

These funds provide for the procurement and manufacture of tactical and support vehicles and associated equipment. The tactical vehicles are of the type normally used by operation and support forces, and include prime movers and general purpose vehicles usually equipped with multi-wheel drive to satisfy cross country mobility needs. The support vehicles are of the administrative type which are generally equipped with two-wheel drive and are commercial in nature; included are such items as truck tractors, panel trucks, carryalls and special purpose vehicles.

Section 2 - JUSTIFICATION OF FUNDS REQUESTED

The major categories of vehicles included in the request are: Tactical Vehicles - \$211.8 million for dolly sets, trailers, semitrailers and trucks; Commercial Vehicles - \$11.8 million for vehicles used in administrative support, and maintenance and service tasks worldwide; Support Equipment and Facilities - \$66.1 million for spares and repair parts and production base support.

Department of the Arm./ Annual Budget Estimates JUSTIFICATION	Appropriation	FY 1982	
		Budget	
		(In Thousands of Dollars)	
Budget Program or Budget Project Account	Actual Fiscal Year 1980	Fiscal Year 1981 Estimate	Fiscal Year 1982
Activity 2 - COMMUNICATIONS AND ELECTRONICS EQUIPMENT	\$ 1,034,349	\$ 1,401,558	\$ 1,294,900
Direct Obligations or Direct Budget Plan			

Section 1 - PURPOSE AND SCOPE

These funds provide for procurement, manufacture, depot rebuild facilities equipment, modification and production base support of communications and electronics equipment and high dollar value depot repairable assemblies/components for initial provisioning and replenishment requirements. Funds are included for satellite communications, radio, countermeasures, combat wire communications, night vision, photographic, combat surveillance, target acquisition, strategic, tactical, communications securing and electronics equipment.

Section 2 - JUSTIFICATION OF FUNDS REQUIRED

This request supports the Army's requirements for both tactical and strategic communications worldwide and includes: \$10.9 million for US Readiness Command Communications; \$102.4 million for Joint Tactical Communications (TRI-TAC); \$176.4 million for Combat Support Communications; \$8.8 million for Strategic Communications (STARCOM/NDCS); \$3.9 million for Long Haul Communications (DCS); \$103.6 million for Defense Satellite Communications; \$50.7 million for Tactical Satellite Communications; \$19.7 million for EUCOM Command, Control, and Communication Systems; \$91.2 million for Communications Security Equipment; \$28.4 million for Base Communications; \$43.4 million for National Military Command System Communications; and \$15.0 million for Test, Measurement, and Diagnostic Equipment (Telecommunications). These communications are essential to field, and sustain in the field, the combat elements of the Army and to provide command and control over these forces by the National Command Authorities, the Joint Chiefs of Staff, and others in the chain of command.

Department of the Army  
 Annual Budget Estimates  
 JUSTIFICATION

FY 1982

Appropriation OTHER PROCUREMENT, ARMY	Budget Program or Budget Project Account Activity 2 - COMMUNICATIONS AND ELECTRONICS EQUIPMENT
--	---

This request also provides for Other Electronics Systems and Equipment including: \$6.3 million for Intelligence Support; \$5.9 million for the General Defense Intelligence Program; \$14.5 million for Automatic Data Processing Equipment; \$11.5 million for Audio Visual Equipment; \$52.4 million for Electronic Warfare; \$228.2 million for Tactical electronics consisting of Surveillance, Target Acquisition and Night Observation (STANO) equipment; \$36.8 million for Automatic Test, Measurement, and Diagnostic Equipment; and \$184.9 million for Support Equipment and Facilities including Spares and Repair Parts (\$171.1 million), Production Base Support (\$13.8 million composed of Depot Maintenance Plant Equipment (\$4.5 million), Manufacturing Technology (\$8.9 million), and Provision of Industrial Facilities (\$0.4 million). The equipment in these categories is required to sustain troops in combat, provide electronic advantages and protection to the individual soldier, and to help him carry the battle to the enemy. It also provides for sustaining the production base to exploit latest developments in miniaturization, solid state circuitry, and modular fabrication.

The FY 82 budget provides the critical C-E systems and equipments necessary to continue modernization and improve the communications-electronics posture of the Army in order to provide reduced reaction times, greater efficiency in strategic and tactical developments in so far as the limited TOA resources allow.

Department of the Army  
 Annual Budget Estimates  
 JUSTIFICATION  
 Budget Program or Budget Project Account  
 ACTIVITY 3 - OTHER SUPPORT EQUIPMENT  
 Direct Obligation or Direct Budget Plan

Appropriation		FY 1982
OTHER PROCUREMENT, ARMY		Budget
(Thousands of Dollars)		Estimate
Actual	Estimate	FY 1982
FY 1980	FY 1981	FY 1982
\$ 386,572	\$ 632,100	\$ 741,100

Section 1 - PURPOSE AND SCOPE

These funds provided for procurement, manufacture, and conversion of combat support, construction, floating and rail, generator, materiel's handling, and medical support equipment. These funds also provide for initial and replenishment spares and production base support associated with this activity.

Section 2 - JUSTIFICATION AND FUNDS REQUESTED

The requested program is necessary to provide \$13.7 million for tactical bridging equipment; \$22.5 million for protective chemical equipment; \$20.4 million for various shop repair equipment; \$23.5 million for Topographic Support System; \$34.6 million for various engineer Construction Equipment; \$53.2 million for ROL equipment; \$12.4 million for Ground Emplacement Mine Scattering System; \$8.0 million for Position Azimuth Determining System; \$8.0 million for various air conditioner; \$41.8 million for Armored Combat Earthmover; \$21.4 million for various cranes; \$23.9 million for Base Level Commercial Equipment; \$19.2 million for rail-read flatcars; \$83.1 million for forklifts; \$50.7 million for generators; \$74.2 million for medical support equipment; \$10.7 million for Medical Unit Self-Contained Transportable (MUST) Components; \$6.8 million for callibration set support; \$20.7 million for both initial and replenishment repair parts; \$30.1 million for the National Training Center; \$41.7 million for non-systems training devices; \$7.5 million for special equipment for user testing; \$24.9 million for various production base support projects; \$33.6 million for various water supply equipment; \$29.3 million for items with an acquisition value of less than \$900,000; and \$25.2 million for miscellaneous support equipment.

OTHER PROCUREMENT, ARMY

Section 5

Comparison of Program Requirements and Financing

Comparison of FY 1981 program requirements as reflected in the FY 1981 budget with FY 1981 program requirements as shown in the FY 1982 budget.

Comparison of FY 1981 financing as reflected in the FY 1981 budget with FY 1981 financing as shown in FY 1982 budget.

Comparison of FY 1980 program requirements as reflected in the FY 1981 budget with FY 1980 program requirements as shown in the FY 1982 budget.

Comparison of FY 1980 financing as reflected in the FY 1981 budget with FY 1980 financing as shown in the FY 1982 budget.

COMPARISON OF FY 1981 PROGRAM REQUIREMENTS  
 VS. FISCAL YEAR 1981 BUDGET WITH  
 FY 1981 PROGRAM AND BUDGET AS SHOWN IN FY 1982 BUDGET

Activity	Program Requirements (in thousands of dollars)		Increase (+) or Decrease (-)
	FY 81 Budget	FY 82 Budget	
Activity 1 - Technical and Support Facilities	226,730	226,730	
Activity 2 - Communications and Instrumentation	1,333,329	1,333,329	
Activity 3 - Other Support Equipment	310,800	310,800	
	840,359	840,359	

1. Technical and Support Facilities. Net increase of \$0.0 thousand is a result of miscellaneous program increases.

2. Communications and Instrumentation. Net increase of \$0.0 thousand is a result of Congressional action on the FY 81 budget request which provided increases totalling \$0.0 thousand and decreases totalling \$14,500 in 1981.

3. Other Support Equipment. Net increase of \$0.0 thousand is a result of Congressional action on the FY 81 budget request which provided increases totalling \$0.0 thousand and decreases totalling \$14,100 thousand; miscellaneous program increases totalling \$0.0 thousand; miscellaneous program decreases totalling \$0.0 thousand; miscellaneous program supplemental request of \$0.0 thousand.

COMPARISON OF FY 1981 FINANCING AS REFLECTED  
IN THE FY 1981 BUDGET WITH FY 1981 FINANCING  
AS SHOWN IN FY 1982 BUDGET

Appropriation:	(In Thousands of Dollars)		
	Financing Per FY 1981 Budget	Financing Per FY 1982 Budget	Increase (+) or Decrease (-)
OTHER PROCUREMENT, ARMY			
Program Requirements, (Total)	2,329,758	2,686,758	+ 357,000
Program Requirements (Service Account)	(2,129,758)	(2,329,658)	(+ 129,900)
Program Requirements (Reimbursable)	200,000	(427,100)	(+ 227,100)
Less:			
Anticipated reimbursements	200,000	427,100	+ 227,100
Reprogramming from prior year budget plans	-0-	-0-	
Unobligated balance available from prior year to finance new budget plans	-0-	-0-	
Unobligated balance transferred from other accounts	-0-	-0-	
Add:			
Unobligated balance transferred to other accounts	-0-	-0-	
Unobligated balance available to finance subsequent year budget plans	-0-	-0-	
BUDGET AUTHORITY	2,329,758	2,659,658	129,900
BUDGET AUTHORITY Appropriation	2,129,758	2,459,658	129,900

COMPARISON OF FY 1980 PROGRAM REQUIREMENTS  
AS REFLECTED IN FY 1981 BUDGET WITH  
FY 1980 PROGRAM REQUIREMENTS AS SHOWN IN FY 1982 BUDGET

Appropriation:	SUMMARY OF REQUIREMENTS (in Thousands of Dollars)		Program Requirements Per FY 1981 Budget	Increase (+) or Decrease (-)
	OTHER PROCUREMENT, ARMY	Total Program Requirements Per FY 80 Budget		
Activity 1 - Tactical and Support Vehicles		86,000	62,087	- 23,913
Activity 2 - Communications and Electronics Equipment		999,810	1,037,349	+ 34,539
Activity 3 - Other Support Equipment		396,600	386,572	- 10,028
	TOTAL	1,482,410	1,483,008	+ 598

1. Tactical and Support Vehicles. Net decrease of \$23,913 thousand results from Congressional approval of supplemental appropriation which added \$200 thousand and Congressionally-approved reprogramming actions which (a) transferred \$2,213 thousand to Military Personnel Army 1980; (b) transferred \$24,500 thousand to Communications and Electronics budget activity within Other Procurement, Army to fund a portion of the TACFIRE reprogramming; and (c) increased the Tactical and Support Vehicles Program by \$2,600 thousand to fund the 10-ton truck.

2. Communications and Electronics Equipment. Net increase of \$34,539 thousand results from - Congressional approval of supplemental appropriation which reduced the appropriation by \$8,200 thousand; Congressionally - approved reprogramming actions which (a) transferred \$18,300 thousand to other appropriations, and (b) added \$59,600 thousand to this activity to partially fund TACFIRE; and utilization of \$1,439 thousand from the reimbursable program.

3. Other Support Equipment. Net decrease of \$10,028 thousand results from Congressional approval of supplemental appropriation which reduced the appropriation by \$2,200 thousand and Congressionally approved reprogramming actions which (a) transferred \$2,228 thousand to other appropriations and (b) transferred \$5,600 thousand to Communications and Electronics budget activity within Other Procurement, Army to fund a portion of the TACFIRE reprogramming.

COMPARISON OF FY 1980 FINANCING AS REFLECTED  
IN THE FY 1981 BUDGET WITH FY 1980 FINANCING  
AS SHOWN IN FY 1982 BUDGET

	(In Thousands of Dollars)		Increase (+) or Decrease (-)
	Financing Per FY 1981 Budget	Financing Per FY 1982 Budget	
Appropriation:			
Program Requirements, (Total)			
Program Requirements (Service Account)	1,654,810	1,725,074	+ 70,264
Program Requirements (Reimbursable)	(1,454,810) (200,000)	(1,525,008) (252,006)	(+ 28,197) (+ 52,006)
Less:			
Anticipated reimbursement	200,000	253,505	+ 53,505
Reprogramming from prior year budget plans	-0-	-0-	-0-
Unobligated balance available from prior year to finance new budget plans	-0-	-0-	-0-
Unobligated balance transferred from other accounts	-0-	-0-	-0-
Add:			
Unobligated balance transferred to other accounts	-0-	-0-	-0-
Unobligated balance available to finance subsequent year budget plans.	-0-	-0-	-0-
	1,454,810	1,481,569	+ 26,759
BUDGET AUTHORITY			
Appropriation	1,435,410	1,435,410	-0-
Transferred to other accounts			
Transferred from other accounts	27,600	34,741	7,141
Appropriation (Adjusted)	1,407,810	1,434,569	+ 33,900
Reappropriation	47,000	4,000	+ 26,759

OFFICE PROCUREMENT, ARMY

Section 6

Selected Data Sheets

<u>Subject Activity</u>	<u>Page No.</u>
1. Tactical and Support Vehicles . . . . .	5-27 - 5-44
2. Communications and Electronics Equipment . . . . .	5-45 - 5-113

OTHER PROCUREMENT, ARMY  
TACTICAL VEHICLE DATA SHEET

Service: ARMY

P-1 Line Item: 1

Nomenclature: Chassis, Trailer, Generator, 2 1/2 Ton, 2 Wheel, M200A1

Description/Remarks: A wheeled tactical transport vehicle of the special equipment category designed to transport primarily generators of 10 to 60 kilowatt capacity. It consists of a single drop axle trailer chassis without body. It has spring leaf suspension without shock absorbers.

Cost Data (\$ Mil):

	<u>FY 1980</u>		<u>FY 1981</u>		<u>FY 1982</u>	
	<u>Qty</u>	<u>Amt</u>	<u>Qty</u>	<u>Amt</u>	<u>Qty</u>	<u>Amt</u>
Weapons System Cost	646	2.5	596	2.5	1704	7.5

Basis for FY 1982 Request: To support interchange requirements for the Improved HAWK, PERSHING II and Power units (PU) PU 405, PU 406, PU 707, PU 732 and PU 650, AN/MJQ-10, AN/MJQ-15 and AN/MJQ-12 and POMCUS.

Contract Data:

<u>Major Subsystem</u>	<u>Contractor</u>	<u>Type of Last Contract</u>
Trailer	TO BE SELECTED	Firm Fixed Price

Production Aids:

	<u>FY 1980</u>	<u>FY 1981</u>	<u>FY 1982</u>	<u>FY 1983</u>
Under Achieved	546 421	596 ( 404 )	(1704 ) ( 982 )	XXXX (1560)

Inventory Objective:

	<u>END FY 1980 FDP 1/</u>	<u>END FY 1981 FDP</u>	<u>END FY 1982 FDP</u>
Force Aids - DFE 2/	XXXX	XXXX	24
Inventory Objective on Hand/In Order	XXXX 4569	XXXX 5037	10952 6640
Inventory Objective Achieved	41.7	46.0	60.6

1/ FDP = Funded Delivery Period  
2/ DFE = Division Force Equivalent

OTHER PROCUREMENT, ARMY  
TACTICAL VEHICLE DATA SHEET

Service: ARMY

P-1 Line Item: 2

Nomenclature: Dolly Set, Transportable Shelter, 2 1/2 Ton, M720

Description/Mission: 2 1/2 ton transport vehicle consisting of front and rear dollies designed to lift and transport various shelters containing electronic gear and tool sets. Item primarily used in various aviation units.

Cost Data (\$ Mil):

	<u>FY 1980</u>		<u>FY 1981</u>		<u>FY 1982</u>	
	<u>Qty</u>	<u>Amt</u>	<u>Qty</u>	<u>Amt</u>	<u>Qty</u>	<u>Amt</u>
Weapons System Cost	0	0	237	2.2	391	3.8

Basis for FY 1982 Request: These Dolly sets are required to support the interchange requirements for the AVUM shop sets

Contract Data:

<u>Major Subsystem</u>	<u>Contractor</u>	<u>Type of Last Contract</u>
Dolly Set	TO BE SELECTED	Firm Fixed Price

Production Data:

	<u>FY 1980</u>	<u>FY 1981</u>	<u>FY 1982</u>	<u>FY 1983</u>
Funded Delivered	-0-	237 (36)	(391) ( 238)	XXXX ( 360)
<u>Inventory/Objective:</u>				
Force Units - DFE <u>1/</u>	XXXX	XXXX	XXXX	24
Inventory Objective	XXXX	XXXX	XXXX	870
On Hand/On Order	111	347	737	737
% Inventory Objective Achieved	12.8	39.9		84.7

1/ FDP = Funded Delivered Period  
 2/ DFE = Division Force Equivalent

OTHER PROGRAM ELEMENT, ARMY  
ACTUAL VEHICLE DATA SHEET

Service: Army

P-1 Line Item: -

Name/ature: Semitrailer, Breacher container, 34-ton, M871 (475)

Description/Mission: A commercially designed 22 1/2-ton dual purpose semitrailer, designed to be pulled by the 6-ton truck tractor. It will also be capable of operation with the Commercial Line Haul Tractor. It consists of a cargo bed and frame with side racks and stakes and a support system for containers. This semitrailer is one of two which will eventually replace the 1-ton Stake Semitrailer M1272C in its entirety. The other is the 34-ton M872. Since the present M1272C is inadequate for expanded line haul container handling operations, this 22 1/2-ton Semitrailer will be used primarily in forward areas where a limited degree of off-road mobility is required.

Cost Data (\$ MIL):

	FY 1980		FY 1981		FY 1982	
	Qty	Am't	Qty	Am't	Qty	Am't
Weapons System Cost	399	5.0	498	7.4	442	7.4

Basis for FY 1982 request: Required to provide the capability to transport containers of various sizes up to 26 feet in length.

Contract Data:

<u>Major Subsystem</u>	<u>Contractor</u>	<u>Type of Last Contract</u>
Trailer	Southwest	Fixed Price with Economic Price Adjustment

1980-1983

	<u>FY 1980</u>	<u>FY 1981</u>	<u>FY 1982</u>	<u>FY 1983</u>
...	399	498	(442)	XXXX
...	472	(651)	(549)	(220)
<u>...</u>				
...	XXXX	XXXX	XXXX	24
...	XXXX	XXXX	XXXX	4106
...	435	1430	1864	1864
...	22.6	34.8	45.4	45.4

END FY 1982 FDP

END FY 1981 FDP

1. ... funded ... period

2. ... Division Force Equivalent

ARMY CONTRACT DATA SHEET

Service: 6009

Parting Item: \*

Manufacturer: Semitrailer, Tank, Rapid Deploy

Assessment/Mission: Military 5000 gallon bulk fuel trailer to be used by the military 5 ton tractor. This semitrailer will replace existing semitrailers - the 5000 gallon bulk fuel trailer and the 5000 gallon fuel service.

Contract (S Mill):

	FY 1980	FY 1981	FY 1982
Qty	-0-	123	123
Amt	-0-	-0-	6.7

Weapons System Cost

Basis for FY 1982 Request: Required to transport water in support of the Baseline Rapid Deployment Force. New units, uncontaminated by fuel, are required. No uncontaminated units in inventory.

Contract Data:

Major Subsystem	Contractor	Type of Last Contract
Semitrailer	TO BE SELECTED	Firm Fixed Price

Performance Data:

	<u>FY 1981</u>	<u>FY 1982</u>	<u>FY 1983</u>
Units -	-0-	(120)	XXXX
Inventory	-0-	( 35)	( 85)

Inventory Objective:

	<u>END FY 1980 FDP 1/</u>	<u>END FY 1981 FDP</u>	<u>END FY 1982 FDP</u>
Units - OFE 2/	XXXX	XXXX	24
Inventory Objects	XXXX	XXXX	3551
Un. Hand on order	2909	2868	2947
Inventory Objective achieved	81.9	80.8	83.0

1/ FDP = Funded Delivery Period

2/ OFE = Division Force Equivalent

OTHER PROCUREMENT, ARMY

TACTICAL VEHICLE DATA SHEET

Service: ARMY

P-Line Item: 8

Nomenclature: Semitrailer, Van, Electronic, 6 Ton, 2 wheel, M373A2

Description/Mission: A military design, 30 feet long, Van Semitrailer designed to be pulled by the military design 5 Ton Tractor.

Cost Data (\$ Mil):

	<u>FY 1980</u>		<u>FY 1981</u>		<u>FY 1982</u>	
	<u>Qty</u>	<u>Amt</u>	<u>Qty</u>	<u>Amt</u>	<u>Qty</u>	<u>Amt</u>
Weapons System Cost	-0-	-0-	-0-	-0-	235	7.5

Basis for FY 1982 Request: To support interchange requirements for PERSHING II, ROLAND, Electronic Shop AN/ASM - 189A and AN/ASM - 190A.

Contract Data:

<u>Major Subsystem</u>	<u>Contractor</u>	<u>Type of Last Contract</u>
Semitrailer	TO BE SELECTED	Firm Fixed Price

Inventory Objective

	<u>FY 80</u>	<u>FY 81</u>	<u>FY 82</u>	<u>FY 83</u>	<u>END FY 82 FDP</u>
Inventory Objective	-0-	-0-	(235)	XXXX	24
In Hand/On Order	25	-0-	(3)	(232)	1770
Inventory Objective Achieved					1418
					80.1

1/ FDP = Funded Delivery Period  
 2/ DPE = Division Force Equivalent

OTHER PROCUREMENT, ARMY  
TACTICAL VEHICLE DATA SHEET

Service: ARMY

P-1 Line Item: 12

Nomenclature: Trailer, Cargo, 3/4 Ton, 2 Wheel, M101A1, W/E

Description/Mission: This is a single axle 3/4 ton capacity, 2 wheel cargo trailer designed to be towed by a 1 1/4 ton truck, used to transport power units and generators, welding set, diving set, hydraulic repair outfit, and water pretreatment decontamination set.

Cost Data (\$ Mil):

	FY 1980		FY 1981		FY 1982	
	Qty	Amt	Qty	Amt	Qty	Amt
Weapons System Cost	-0-	-0-	-0-	-0-	901	2.3

Basis for FY 1982 Request: To support interchange requirements for Power Unit (PU) 625G, PU 375 and PU 617.

Contract Data:

<u>Major Subsystem</u>	<u>Contractor</u>	<u>Type of Last Contract</u>
Trailer	TO BE SELECTED	Firm Fixed Price

10-10-81

	<u>FY 1980</u>	<u>FY 1981</u>	<u>FY 1982</u>	<u>FY 1983</u>
	-0-	-0-	(901)	XXXX
	-0-	-0-	( 48 )	(853)
	<u>END FY 1980 FDP 1/</u>	<u>END FY 1981 FDP</u>	<u>END FY 1982 FDP</u>	<u>END FY 1983 FDP</u>
2/	XXXX	XXXX		24
Objective	XXXX	XXXX		31807
in Order	25008	24851		25595
by Objective	78.6	78.1		80.5

Funded Delivery Period  
 Provision Force Equivalent

OTHER PROCUREMENT, ARMY  
TACTICAL VEHICLE DATA SHEET

Service: ARMY

P-1 Line Item: 15

Nomenclature: High Mobility Multi-Purpose Wheeled Vehicle (HMMWV)

Description/Mission: The High Mobility Multipurpose Wheeled Vehicle (HMMWV) Program is a Tri-Service Program, under Army lead, to provide a single family of vehicles, utilizing a common chassis with various body configurations to meet Marine Corps, Air Force, and Army requirements. The family is needed to replace the M274 MULES, M561 GAMA GOATS, and M792 Ambulances, and to selectively replace M151 Jeeps and the M880 family of Utility Trucks. Vehicles from the Commercial Utility and Cargo Vehicle Program will replace the remaining portion. The vehicle is a lightweight high performance, four wheel drive, air transportable and droppable vehicle. The vehicle will have a diesel engine, automatic transmission and 2500 pound payload capability.

Cost Data (\$ Mil):

	<u>FY 1980</u>	<u>FY 1981</u>	<u>FY 1982</u>
	<u>Qty</u>	<u>Qty</u>	<u>Qty</u>
	<u>Amt</u>	<u>Amt</u>	<u>Amt</u>
Weapons System Cost	-0-	-0-	-0-
	-0-	-0-	3.6

Basis for FY 1982 Request: Dollars are to cover the Army portion of the first year support costs.

Contract Data:

<u>Major Subsystem</u>	<u>Contractor</u>	<u>Type of Last Contract</u>
Truck	TO BE SELECTED	NOT APPLICABLE



OTHER PROCUREMENT, ARMY  
TACTICAL VEHICLE DATA SHEET

Service: ARMY

P-1 Line Item: 16

Nomenclature: Truck, 5 Ton, 6X6, All Body Types (ABT)

Description/Mission: A wheeled tactical vehicle powered by a liquid cooled, 6-cylinder, diesel engine. It has 6-wheel drive, can ford 2 1/2 feet of water without a deep water fording kit, and 6 feet of water with a kit. It is produced in 7 body styles: cargo, dump, tractor, van, wrecker, stake and boister.

Cost Data (\$ Mil):

	FY 1980		FY 1981		FY 1982	
	Qty	Amt	Qty	Amt	Qty	Amt
Weapons System Cost	-0-	-0-	526	42.2	1067	98.1

Basis for FY 1982 Request: Urgently required to fill shortages in troop units, POMCUS and in maintenance float.

Contract Data:

<u>Major Subsystem</u>	<u>Contractor</u>	<u>Type of Last Contract</u>
Truck	TO BE SELECTED	Fixed Price with Economic Price Adjustment

Continuing Data:

	<u>FY 1980</u>	<u>FY 1981</u>	<u>FY 1982</u>	<u>FY 1983</u>
Funded	0	526	(1067)	XXXX
Delivered	623	(319)	(1068)	( 525)
<u>Net FY Objective:</u>				
1. Net FY Objective - DFE	XXXX	XXXX	XXXX	24
2. Net FY Objective	XXXX	XXXX	XXXX	58595
3. Net FY Objective	32,507	32,359	32,724	32,724
4. Net FY Objective	55.5	55.2	55.2	55.8

1. DFE = Funded Delivery Period
2. DFE = Division Force Equivalent

OTHER PROCUREMENT, ARMY  
TACTICAL VEHICLE DATA SHEET

Service: ARMY

P-1 Line Item: 17

Nomenclature: Truck, 10 Ton, 8x5, All Body Types (ABT) 1/

Description/Mission: A wheeled tactical transport vehicle powered by an 8 cylinder diesel engine. This truck will transport ammunition, petroleum, oils, lubricants (POL) and missile systems and can be used for recovery of other heavy wheeled support vehicles and combat systems.

Cost Data (\$ Mil):

	FY 1980		FY 1981		FY 1982	
	<u>Qty</u>	<u>Amt</u>	<u>Qty</u>	<u>Amt</u>	<u>Qty</u>	<u>Amt</u>
Weapons System Cost	10	2.6	284	54.7	379	69.4

Basis for FY 1982 Request: Required to provide mobility and prelaunch survivability of missile systems by insuring their timely movement from one combat launching site to another. Major systems supported include the Multiple Launch Rocket System (MLRS), PERSHING II, PATRIOT, Etc.

Contract Data:

<u>Major Subsystem</u>	<u>Contractor</u>	<u>Type of Last Contract</u>
Truck	TO BE SELECTED	N/A
Truck	Maschinenfabrik Augsburg-Nuernberg (M.A.N.)	Fixed Price, Multi-year

1/ Includes Heavy Expanded Mobility Tactical Truck (HEMTT) and the M.A.N. 10 Ton Truck.

1. Assets

	<u>FY 1981</u>	<u>FY 1982</u>	<u>FY 1983</u>
1.1 <u>Fixed Assets</u>			
1.1.1 <u>Land</u>	284	(379)	XXXX
1.1.2 <u>Buildings</u>	(11)	(284)	(379)
1.1.3 <u>Equipment</u>			
1.1.4 <u>Other</u>			
1.1.5 <u>Accumulated Depreciation</u>			
1.1.6 <u>Net Fixed Assets</u>			
1.2 <u>Current Assets</u>			
1.2.1 <u>Accounts Receivable</u>			
1.2.2 <u>Inventory</u>			
1.2.3 <u>Prepaid Expenses</u>			
1.2.4 <u>Other</u>			
1.2.5 <u>Net Current Assets</u>			
1.3 <u>Net Assets</u>			
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2. Liabilities

2.1 Accounts Payable

2.2 Accrued Liabilities

2.3 Deferred Liabilities

2.4 Other Liabilities

2.5 Net Liabilities

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CHINA PROCUREMENT, ARMY  
Tactical Telecommunications Equipment Ball Sheet

Service: Army

PL Line Item: 24

Name/ Nature: (CSE Equipment - (S) (D) (M))

Basic Action Mission: An Army (SAI) satellite equipped special activity under control of the JCS and assigned to the JCS Readiness Command (RSK) (COM). This element is a command center of tactical field communication unit designed to provide rapid communications for a joint task force headquarters under any of the units specified commanders.

Cost Data (SMILL):

	<u>FY 1980</u>	<u>FY 1981</u>	<u>FY 1982</u>
	<u>Qty</u>	<u>Qty</u>	<u>Qty</u>
	<u>Amt</u>	<u>Amt</u>	<u>Amt</u>
Weapons System Cost	3.8	5.0	11.4

Basis for FY 1981 Request: The Army is funding 50% of the equipment for the Joint Communications Support Element. FY 1982 program includes Digital Group Modems; Digital Nonsecure Voice Terminals; SHF Satellite Terminals with secure package, anti-jam modems, Government furnished equipment, and multiplexers; VHF satellite terminals; and Vaivac Computer Systems.



1948

1949

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1954

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1956

THIS IS TO CERTIFY THAT THE ABOVE  
STATED INFORMATION IS TRUE AND CORRECT.

DATE: 1/15/81

SIGNATURE: \_\_\_\_\_

NAME: \_\_\_\_\_

OFFICE: \_\_\_\_\_

ADDRESS: \_\_\_\_\_

Fiscal Year	Amount	FY 1981	
		Qty	Amt
1981	4.0	1	4.0

DATE: 1/15/81

DESCRIPTION: \_\_\_\_\_

DATE: 1/15/81

NAME OF SUPPLIER: \_\_\_\_\_  
 ADDRESS: \_\_\_\_\_  
 CITY: \_\_\_\_\_  
 STATE: \_\_\_\_\_  
 ZIP: \_\_\_\_\_

TYPE OF LAST CONTRACT

SSN-3/FP(FY80,81,82)



COMPARISON OF EQUIPMENT DATA SHEET

Equipment: Automatic Message Switch, AMSS-3000  
 Description: Automatic Message Switch, AMSS-3000  
 This equipment is a stand-alone automatic switch that will provide  
 automatic message switching for AMSS-3000. The AMSS-3000 message switch can be used as a stand-alone  
 automatic message switch or as a backup for an existing automatic switch.

Quantity	FY 1981		FY 1982	
	Qty	AmL	Qty	AmL
1	1	40.0	1	18.4

Remarks: This is a three-year multiview IRI-TAC switches contract.

Manufacturer:  
 General Message Switch  
 AMSS-3000

Type of Last Contract:  
 SSM-3 FP

Performance Data:

	<u>FY 1980</u>	<u>FY 1981</u>	<u>FY 1982</u>	<u>FY 1983</u>	
Units Delivered	8 0	9 0	4 0	XXXX (21)	
<u>Inventory Objective:</u>		<u>1/</u>			<u>END FY 1982 FDE</u>
Force Units - DFE <u>2/</u>	XXXX		XXXX		24
Inventory Objective	XXXX		XXXX		37
On Hand/On Order	8		17		21
Inventory Objective Achieved	22		46		57

1/ FDP = Funded Delivery Period

2/ DFE = Division Force Equivalent

THIS REQUIREMENT, AIME  
FOR COMMUNICATIONS EQUIPMENT Data Sheet

1. Title

2. Description

3. Major Subsystem

4. Major Subsystem Description: This is a terminal for IRI-TAC Non-repeated  
 5. Major Subsystem Description: This is a terminal for IRI-TAC Non-repeated  
 6. Major Subsystem Description: This is a terminal for IRI-TAC Non-repeated

7. Major Subsystem

Major Subsystem	FY 1981		FY 1982	
	QTY	AME	QTY	AME
Major Subsystem	77	1.1	77	2.3

8. Major Subsystem Description: Seeed year of multi-year contract.

9. Major Subsystem

Major Subsystem	Contractor	Type of Last Contract
Major Subsystem	Raytheon Company Sudbury, MA	

Production Summary:

	<u>FY 1980</u>	<u>FY 1981</u>	<u>FY 1982</u>	<u>FY 1983</u>	<u>FY 1984</u>
Funded	0	35	77	XXXX	XXXX
Delivered	0	0	0	(35)	(77)

Inventory Objective:

	<u>END FY 1980 FDP</u>	<u>1/</u>	<u>END FY 1981 FDP</u>	<u>END FY 1982 FDP</u>	<u>END FY 1983 FDP</u>
Force Units - DFE <u>2/</u>	XXXX		XXXX		24
Inventory Objective	XXXX		XXXX		3905
On Hand/On Order	0		35		112
Inventory Objective Achieved	0		1		3

1/ FDP = Funded Delivery Period

2/ DFE = Division Force Equivalent

OTHER PROCUREMENT, ARMY  
Tactical Telecommunications Equipment Data Sheet

Supplier: ARMY

Part and Item: 38

Manufacturer: Maintenance Shelter, AN/ARM-164

Description/Mission: The AN/ARM-164 Maintenance Shelter will be located at communications nodes to provide maintenance support to the associated switching equipment. It will contain the necessary tools, test equipment, and spare parts to support the required maintenance functions.

Cost Data (SMI):

	FY 1980		FY 1981		FY 1982	
	Qty	Amt	Qty	Amt	Qty	Amt
Weapons System Cost	0	0	16	2.0	16	2.0

Basis for FY 1982 Request: First year of multiyear procurement to support the AN/TTC-39 and AN/TYC-39 switches.

Contract Data:

<u>Major Subsystem</u>	<u>Contractor</u>	<u>Type of Last Contract</u>
Maintenance Shelter, AN/ARM-164	Sacramento Army Depot, CA	None

Production Data:

	<u>FY 1980</u>	<u>FY 1981</u>	<u>FY 1982</u>	<u>FY 1983</u>
unded	0	16	16	XXXX
Delivered	0	0	(16)	(16)
<u>Inventory/Objective:</u>				
	<u>1/</u>			
Force Units - DFE	XXXX		XXXX	24
Inventory Objective	XXXX		XXXX	110 <u>3/</u>
on Hand/on Order	0		16	32
Inventory Objective Achieved	0		15	29

- 1/ FDP = Funded Delivery Period
- 2/ DFE = Division Force Equivalent
- 3/ Estimated

OTHER PROCUREMENT, ARMY  
Tactical Telecommunications Equipment Data Sheet

Service: Army

Accession Number: 148

Name: The Dig Fax (TDF) AN/UXC-4

Description: The Tactical Digital Facsimile Set provides for rapid encrypted transmission of teletypewriter and for photographs and graphical information for 8 1/2" x 11" low resolution in 16 shades of gray (2.5 seconds for wideband channel (16 FB/S) and 15 seconds for narrowband channel (4800 B/S).

Cost Data (EMIL):

	FY 1981		FY 1982	
	Qty	Amt	Qty	Amt
Weapons System Cost	0	0	155	4.3

Basis for FY 1982 Request: First procurement of IRI-TAC facsimile.

Contract Data:

<u>Major Subsystem</u>	<u>Contractor</u>	<u>Type of Last Contract</u>
The Dig Fax(TDF) AN/UXC-4	Litton Sys. Data Corp. Division Methuen, NY	None

Production Data:

	<u>FY 1980</u>	<u>FY 1981</u>	<u>FY 1982</u>	<u>FY 1983</u>
Funded	0	0	155	XXXX
Delivered	0	0	0	(155)

Inventory Objective:

	<u>END FY 1980 FDP</u>	<u>END FY 1981 FDP</u>	<u>END FY 1982 FDP</u>
Force Units - DFE	XXXX	XXXX	24
Inventory Objective	XXXX	XXXX	2614
On Hand/on order	0	0	155
Inventory Objective Achieved	0	0	6

1/ FDP = Funded Delivery Period

2/ DFE = Division Force Equivalent

1981A PROGRAM, ARMY  
Fastload Cable Assembly Equipment Data Sheet

Model:

Part Number:

Major Subsystem: Cable Assembly CX-11230/G

Description: Mission: CX-11230 is a rugged coaxial cable assembly equipped with connectors at both ends. It is used for transmission of wideband 12.5/46 channel carrier systems at all levels in a theater of operation.

Cost Data (\$ Mil):

	FY 1980		FY 1981		FY 1982	
	Qty	Amt	Qty	Amt	Qty	Amt
Weapons System Cost	0	1	0	0	7500	7.0

Basis for FY 1982 Request: Required to satisfy AAO requirements.

Contract Data:

<u>Major Subsystem</u>	<u>Contractor</u>	<u>Type of Last Contract</u>
Cable Assembly CX-11230/G	Triangle Electronics Poughkeepsie, NY	C/FP

Production Data:

	<u>FY 1980</u>	<u>FY 1981</u>	<u>FY 1982</u>	<u>FY 1983</u>
Funded	0	0	7500	XXXX
Delivered	0	0	0	(7500)
<u>Inventory Objective:</u>				
	<u>1/</u>			
Force Units - DFE	XXXX		XXXX	24
Inventory Objective	XXXX		XXXX	56779
On Hand/On Order	0		0	31867
Inventory Objective Achieved	0		0	56
	<u>END FY 1980 FDP</u>	<u>END FY 1981 FDP</u>	<u>END FY 1982 FDP</u>	<u>END FY 1983 FDP</u>

1/ FDP = Funded Delivery Period  
 2/ DFE = Division Force Equivalent

1982 Acquisition Data Sheet

ARMY

1. Title

2. Description

3. Acquisition Authority (e.g., AFM, AFM, AFM)

4. Major Milestones: The AN/USQ-79 provides self-aid data communications (high frequency radio and ultra high frequency radio) between Special Forces base stations and outstations at distances up to 100 kilometers. Equipment is designed to process (receive/transmit) semi-automatically and includes a digital transmitter and receiver. Stations consist of available commercial items packaged in military containers.

5. Major Milestones:

	FY 1980		FY 1981		FY 1982	
	Qty	Amt	Qty	Amt	Qty	Amt
6. Major System Cost	0	6.8	0	0	15	21.9

7. Major Milestones: Full Special Forces urgent requirements.

8. Major Milestones:

Major Subsystem	Contractor	Type of Last Contract
Communications Central, AN/USQ-79	Rockwell International Dallas, TX	CM-3/FP(FYSO),SI,SI

MEMORANDUM FOR THE DIRECTOR

DATE: 11/15/81  
TO: [illegible]  
FROM: [illegible]

SUBJECT: [illegible]

[illegible text]

[illegible text]

ARMY COMMUNICATIONS CENTER, WASHINGTON, D.C.  
COMMUNICATIONS SECTION

Request for Proposal  
Communications

Weapons Support Battery, 8th Airborne Division

The Weapons Support Battery provides a base for wideband secure voice and high speed digital data links. The Weapons Support Battery provides a base for wideband secure voice and high speed digital data links. The Weapons Support Battery provides a base for wideband secure voice and high speed digital data links. The Weapons Support Battery provides a base for wideband secure voice and high speed digital data links. The Weapons Support Battery provides a base for wideband secure voice and high speed digital data links.

Cost Data as of:

	FY 1980	FY 1981	FY 1982
Weapons System Cost	200	100	7.8

Basis for FY 1982 Request: See and wear a multiplier bar to equip Army units with these urgently required items and to provide interface with the IAC equipment.

Contract Data:

<u>Major Milestones</u>	<u>Contractor</u>	<u>Type of Task Contract</u>
Support Battery 1-1-80	Kovtchen Company Sudbury, MA	(FYSO) option 1-8-82 Contract

Inventory of Inventory

	<u>FY 1981</u>	<u>FY 1981</u>	<u>FY 1982</u>	<u>FY 1983</u>	<u>FY 1984</u>
Inventory of Inventory	420	420	420	XXX	XXX
Inventory of Inventory	(400)	(400)	(0)	(391)	(311)
<u>Inventory of Inventory</u>					
Inventory of Inventory	XXX	XXX	XXX	XXX	24
Inventory of Inventory	XXX	XXX	XXX	XXX	8248
Inventory of Inventory	1000	1000	1286	1706	1706
Inventory of Inventory	12	12	16	16	21

1. FFP = Funded Delivery Part 1  
 2. FFB = Division Policy Application

OTHER PROCUREMENT, ARMY  
Table of Telecommunications Equipment Data Sheet

2000000000

2000000000

Manpackable Improved High Frequency Radio

Current Model: The Improved High Frequency (IH) Radio, employing automatic tuning, will operate in the Amplitude Modulation (AM), Single Sideband (SSB), Continuous Wave (CW), and data transmission modes, and will be compatible with secure voice and data equipments. The radio will be fielded in two basic configurations: Low Power (Manpack, Voluntary) and Medium Power (Voluntary).

2000000000

	FY 1980		FY 1981		FY 1982	
	Qty	Am't	Qty	Am't	Qty	Am't
Weapons System Cost	3.5		0			4.0

Request for FY 1982 comment: The request for FY82 will provide a communications capability for Air Defense Artillery, Armored Cavalry, and other mobile units in Europe beyond the range of current VHF-FM radios. These mobile units operate across greater distances than most tactical units. If the FY82 request is denied, these units will continue to operate at times without adequate command and control communications.

OTHER PROCUREMENT, ARMY  
Tactical Telecommunications Equipments Data Sheet

Service: Army

Part Line Item: 61

Nomenclature: AN/TRC-113 Radio Repeater

Description Mission: The AN/TRC-113 is a radio repeater terminal designed for re-transmitting a 12 channel Pulse Code Modulation (PCM) system between major unit Headquarters in Divisions and tactical Air Defense units. It can also be used with the AN/ICC-65 multiplexer terminal to terminate multichannel communications systems.

Cost Data (\$ Mil):

	FY 1980		FY 1981		FY 1982	
	Qty	Amt	Qty	Amt	Qty	Amt
Weapons System Cost	0	0	0	0	60	12.4

Basis for FY 1982 Request: Fill AAO requirements.

Contract Title:

Major Subsystem

AN/TRC-113 Radio Repeater

Contractor

CERCOM  
Ft Monmouth, NJ

Type of Last Contract

In-house assembly

Inventory

	<u>FY 1981</u>	<u>FY 1982</u>	<u>FY 1983</u>	<u>FY 1984</u>
Inventory	0	60	XXXX	XXXX
Reserves	0	(0)	(0)	(60)

Inventory Objective:

	<u>END FY 1980 FOP</u>	<u>END FY 1981 FOP</u>	<u>END FY 1982 FOP</u>
Inventory Objective	XXXX	XXXX	XXXX
Inventory Objective	0	0	0
Inventory Objective Achieved	0	0	0

1. FOP = Funded Delivery Period  
 2. OBE = Division Force Equivalent

OTHER PROCUREMENT, ARMY  
Infantry Telecommunications Equipment Data Sheet

Service: Army

P-1 Line Item: 6+

Nomenclature: Radio Repeater AN/TRC-152

Description Mission: The AN/TRC-152 is a Corps level and Higher Pulse Code Modulation (PCM) radio repeater. It is used to provide 12 or 24 channels of communications as a radio repeater, a split radio terminal, or a cable repeater. It uses the AN/GRC-103 Radio set and is housed in a 2 1/2 ton truck shelter.

Cost Data (S.M.I.):

	FY 1980		FY 1981		FY 1982	
	Qty	Am't	Qty	Am't	Qty	Am't
Weapons System Cost	21	3.1	0	0	53	14.3

Basis for FY 1982 Request: Fill urgent field requirements for Corps level multi-channel equipment.

Contract Data:

<u>Major Subsystem</u>	<u>Contractor</u>	<u>Type of Last Contract</u>
Radio Repeater AN/TRC-152	Tobiyanna Army Depot	Government Owned Government Operated (GOGOP)

Inventory Collection

	<u>FY 1987</u>	<u>FY 1981</u>	<u>FY 1982</u>	<u>FY 1983</u>	<u>FY 1984</u>
Inventory Collected	41 (0)	7 (21)	53 (0)	XXXX (33)	XXXX (18)

Inventory Objective

	<u>END FY 196 FDP</u>	<u>END FY 1981 FDP</u>	<u>END FY 1982 FDP</u>	<u>END FY 1983 FDP</u>	<u>END FY 1984 FDP</u>
Inventory Objective	XXXX	XXXX	XXXX	XXXX	24
No Bad 'On Order	XXXX	XXXX	XXXX	XXXX	604
Inventory Objective Analysis	XXXX	XXXX	XXXX	XXXX	467*
					77

\* FY = Fiscal Year  
\* FY = Fiscal Year

Inventory Objective Analysis

OTHER PROCUREMENT, ARMY  
Included Telecommunications Equipment Data Sheet

Service Branch

Equipment Name

Model Number Radio Set, AN/GRC-103

Useful Life The AN/GRC-103 is a general purpose radio set used in conjunction with 12124 channel  
 Pulse Code Modulation (PCM) multiplex equipment. It is the primary radio for the current Army tactical  
 multiplex systems, air defense artillery multiplex systems and for the digital multiplex equipment  
 developed under the TRI-LAC program.

Quantity 5 MILIT

	<u>QTY FY 1980</u>		<u>FY 1981</u>		<u>FY 1982</u>	
	<u>QTY</u>	<u>Amt</u>	<u>QTY</u>	<u>Amt</u>	<u>QTY</u>	<u>Amt</u>
Radio Set AN/GRC-103	-0-	-0-	143	8.9	162	9.4

Priority For Request: For PATRIOT missile terminals.

Remarks

<u>Major Subsystem</u>	<u>Contractor</u>	<u>Type of Last Contract</u>
Radio Set AN/GRC-103	Canadian Marconi Montreal, Canada	CFF

Production Data:

	<u>FY 1980</u>	<u>FY 1981</u>	<u>FY 1982</u>	<u>FY 1983</u>	<u>FY 1984</u>
Funded Delivered	0 0	145 (0)	162 (0)	XXXX (127)	XXXX (180)
<u>Inventory/Objective:</u>					
	<u>1/</u>				
Force Units - DFE	XXXX		XXXX		24
Inventory Objective	XXXX		XXXX		5313
On Hand/On Order	2784		3161		3568
Inventory Objective Achieved	52		60		67

1/ FDP = Funded Delivery Period

2/ DFE = Division Force Equivalent

OTHER PROCUREMENT, ARMY  
Other Telecommunications Equipment Data Sheet

Service: Army

Equipment Item: 67

Manufacturer: Radio Set, AN/PRC-77 Series

Operational Mission: The AN/PRC-77 is a small lightweight VHF-FM radio for use in the forward areas. The set is available in three basic configurations: manpack, manpack/vehicular combination, and vehicular only. The vehicular set is used in smaller vehicles, or in larger vehicles where the 3-5 mile range is adequate for the mission. All sets in this series can be secured by the TSEC/KY-57 (VINSON) or the older TSEC/KY-38 (NESTOR).

FORM, PARTIALS, MILIT:

FY 1980 Qty	FY 1980 Amt	FY 1981 Qty	FY 1981 Amt	FY 1982	
				Qty	Amt
4450	6.9	0	0	4450	6.9

Basis for FY 1982 Request: The radios requested for 1982 are required to prevent further deterioration of the asset posture. Unless the FY82 request is met, vehicle radio losses will result in a decline to 45% of the Army inventory objective, which will significantly affect readiness of tactical forces.

Contract Data:

<u>Major Subsystem:</u>	<u>Contractor:</u>	<u>Type of Last Contract:</u>
Radio Set, AN/PR-77	To Be Determined	FFP

Production Data:

	<u>FY 1980</u>	<u>FY 1981</u>	<u>FY 1982</u>	<u>FY 1983</u>	<u>FY 1984</u>
Funded	1	0	4450	XXXX	XXXX
Delivered	0	0	0	0	(4450)
<u>Inventory Objective</u>					
For a Units - DFP	XXXX		XXXX		24
Inventory Objective	XXXX		XXXX		158086
on Hand on Order	76564		74315		76575
Percent to Objective Achieved	48		47		48

1. DFP = Funded Delivery Period  
2. DFP = Division Force Equivalent

ARMY PROCUREMENT, ARMY  
Procurement Data Sheet

Symbol: Army

Part Line Item: 68

Designation: Radio Set, AN/VRC-12

Description: The AN/VRC-12 radio set designed for vehicular or shelter-mounted applications in General Tactical use. Components of this series are used in various combinations to form basic configurations. These configurations used in are: vehicles, missile and field artillery units, command posts, trucks, and other mobile units. All sets in this series can be secured by the TSEC/KY-57(VINSON).

Cost Data (S.M.I.):

	FY 1981		FY 1982	
	Qty	Am't	Qty	Am't
Weapons System Cost	0	0	6015	37.4

Basis for FY 1982 Request: The radios requested for FY82 are required to prevent further deterioration of the asset posture. Unless the FY82 request is approved, normal losses will result in a decline to 47% of the Army inventory objective, which will severely impact combat readiness of tactical forces.

Contract Data:

<u>Major Subsystem</u>	<u>Contractor</u>	<u>Type of Last Contract</u>
Radio Set, AN/VRC-12	To Be Determined	FFP



THE JOINT AIR FORCE, ARMY  
COMBINED COMMUNICATIONS EQUIPMENT CONTRACT

Summary:

Deliverables:

Communications equipment as specified in the contract.

Description of work to be done: This contract is for the purchase of communications equipment, capable of transmitting to the ground, by means of a Modulated Carrier System, messages received from a radio transmitter in a fixed or mobile position. The equipment is to be used in the field and is to be capable of transmitting and receiving messages from a fixed or mobile position. The equipment is to be capable of transmitting and receiving messages from a fixed or mobile position.

Cost Data is Made:

FY 1951	FY 1952		FY 1953	
	AMT	PER	AMT	PER
100	100	100	100	100

Weapons System:

Basis for FY 1954 Request: Full amount field requirement.

Contract:

Major Subsystem	Contractor	Type of Last Contract
S-550 Shelter	Richman Mobile Sys, Dalls-town, PA	CFFP
S-550 Shelter E-1111	Richman Corp, Willow Grove, PA	CFFP
AW-1000 Mobile Sys	Canadian Marconi, Montreal, Canada	CFFP
AW-1000 Mobile Sys	Canadian Marconi, Montreal, Canada	CFFP
AW-1000 Mobile Sys	Canadian Marconi, Montreal, Canada	CFFP
AW-1000 Mobile Sys	Canadian Marconi, Montreal, Canada	CFFP
AW-1000 Mobile Sys	Canadian Marconi, Montreal, Canada	CFFP

1952      1953      1954      1955  
 0      36      XXXX      XXXX  
       (0)      (4)      (36)

1981 FDR      1981 FDR      1981 FDR  
 XXXX      XXXX      XXXX  
 1634      892      53  
 924      53

1981 FDR = Panded Dollars Part of  
 1981 FDR = Panded Dollars Part of

Inventory of Equipment Data Sheet

1. Item Name

2. Quantity

3. Location

4. Description (Include model, manufacturer, and other identifying information. Also include any special instructions or remarks.)

5. Remarks

Item Name	FY 1982		Type of Last Contract
	Qty	Am't	
1. [Item Name]	-0-	-0-	Government Owned/Operated
2. [Item Name]	102	417	Government Owned/Operated

6. Remarks (Include any special instructions or remarks.)

7. Date

8. Signature

9. Organization

10. Address

Financial Position:

	<u>FY 1980</u>	<u>FY 1981</u>	<u>FY 1982</u>	<u>FY 1983</u>	<u>FY 1984</u>
Funded					
Funded	13	0	102	XXXX	XXXX
Delivered	( )	(13)	(0)	(30)	(72)
<u>Inventory Objective:</u>					
		<u>1/</u>			
	<u>END FY 1980 FDP</u>		<u>END FY 1981 FDP</u>		<u>END FY 1982 FDP</u>
Inventory - DFE	XXXX		XXXX		24
Inventory Objective	XXXX		XXXX		750
On Hand on Order	595*		585**		687**
Inventory Objective Achieved	79		78		92

1. FDP = Funded Delivery Period  
 2. DFE = Division Force Equivalent

\* Includes 528 substitute items (AN/TRC-117)  
 \*\* Includes 518 substitute items (AN/TRC-117)

OTHER PROCUREMENT, ARMY  
Tactical Telecommunications Equipment Data Sheet

Service: Army

Part Line Item: 72

Nomenclature: Small Unit Transceiver, AN/PRC-68

Description/Mission: The AN/PRC-68 Radio is a VHF (FM) single channel transceiver weighing only 46 ounces, designed for use at the small unit level. The radio provides short range, two way voice communications and is interoperable with all military VHF(FM) radios in the 30-80 MHz frequency range.

Cost Data (\$ Mil):

Weapons System Cost	FY 1980		FY 1981		FY 1982	
	Qty	Amt	Qty	Amt	Qty	Amt
	2414	6.0	2677	8.2	2620	8.1

Basis for FY 1982 Request: To provide AN/PRC-68 to high priority active Army units for use at the combat squad level and artillery battery level for small unit control and intrabattery communications. The radio will replace the current squad radios, AN/PRT-4 and AN/PRK-9.

Contract Data:

Major Subsystem

Small Unit Transceiver,  
AN/PRC-68

Contractor

MAGNAVOX  
Ft Wayne, IN

Type of Last Contract

FFP

Production Data

	<u>FY 1980</u>	<u>FY 1981</u>	<u>FY 1982</u>	<u>FY 1982</u>	<u>FY 1984</u>
Produced	414	2677	2620	XXXX	XXXX
Delivered	721	(1759)	(2757)	(2175)	(1829)
<u>Inventory Objective</u>		<u>1/</u>			
	<u>END FY 1980 FDP</u>		<u>END FY 1981 FDP</u>		<u>END FY 1982 FDP</u>
Force Units - DFE	XXXX		XXXX		24
Inventory Objective	XXXX		XXXX		25000 3/
on Hand on Order	3944		6621		9241
Inventory Objective Achieved	16		26		37

- 1/ FDP = Funded Delivery Period
- 2/ DFE = Division Force Equivalent
- 3/ Estimated

OTHER PROCUREMENT, ARMY  
Tactical Telecommunications Equipment Data Sheet

Service: Army

Part Line Item: 73

Manufacturer: Telephone Field TA-838

Description: The TA-838 is a solid state dual tone modulated frequency (DTMF) two wire/ four wire device intended for use in automatic switching systems under tactical conditions. Operating power is obtained from common or local batteries.

Contract Title:

	FY 1980		FY 1981		FY 1982	
	Qty	Amt	Qty	Amt	Qty	Amt
Equip System Cost	2391	1.6	-0-	-0-	4641	4.1

Basis for FY 1982 Request: Fill urgent field requirements.

Contract Data:

<u>Major Subsystem</u>	<u>Contractor</u>	<u>Type of Last Contract</u>
Telephone Field TA-838	Apoca Ind. Deer Park, Long Island, NY	SS/8A SBA Set-Aside

Production Plan

	<u>FY 1980</u>	<u>FY 1981</u>	<u>FY 1982</u>	<u>FY 1983</u>	<u>FY 1984</u>
Funded Deliveries:	397 (70)	0 (0)	4641 (2393)	XXXX (3400)	XXXX (1243)

Inventory Objective

	<u>END FY 1980 FDP</u>	<u>1/</u>	<u>END FY 1981 FDP</u>	<u>END FY 1982 FDP</u>	<u>END FY 1982 FDP</u>
FY 1980 - DEF	XXXX		XXXX		24
Inventory Objective	XXXX		XXXX		20,444
on Hand on Order	7815		7767		12,342
Inventory Objective	38		38		60

1/ FDP = Funded Delivery Period

2/ DEF = Division Force Equivalent

OTHER PROCUREMENT, ARMY  
Tactical Telecommunications Equipment Data Sheet

Service: Army

Part Number: 10-1189

Item Name: FM Multiplexer 10-1189

Description: The FM Transceiver Multiplexer will have the capability of combining two to five pairs of radio transceivers, each with a power output capability of 60 watts, on a single antenna. The Multiplexer used in combination with an omnidirectional broadband antenna, such as the OE-254, will result in a simpler, faster, and less detectable installation with reliable and predictable isolation between individual transmitters.

Cost Data (\$ Mill):

	FY 1980		FY 1981		FY 1982	
	QTY	AMT	QTY	AMT	QTY	AMT
Collins System Cost	445	4.5	1290	6.0	368	2.4

Basis for FY 1982 Request: To provide the FM transceiver multiplexer to combat units at all echelons from theater down through battalion levels. This device will reduce the time required to set up or take down the communications complex for tactical command posts by reducing the required number of antennas. The smaller number of antennas will reduce both the visual and the electronic profile, thus reducing the detectability of the command post. The multiplexer, by providing reliable and predictable isolation between transceivers, will simplify frequency assignments and provide better spectrum utilization.

Contract Data:

<u>Major Subsystem</u>	<u>Contractor</u>	<u>Type of Last Contract</u>
FM Multiplexer, 10-1189	Collins Radio Cedar Rapids, IA	FFP

22-00000-00000

	<u>FY 1980</u>	<u>FY 1981</u>	<u>FY 1982</u>	<u>FY 1983</u>	<u>FY 1984</u>
Expenditures	245	1,266	368	XXXX	XXXX
Revenues	0	0	(245)	(200)	(1368)

22-00000-00000

	<u>END FY 1980 FDP</u>	<u>END FY 1981 FDP</u>	<u>END FY 1982 FDP</u>	<u>END FY 1983 FDP</u>	<u>END FY 1984 FDP</u>
Expenditures	XXXX	XXXX	XXXX	XXXX	24
Revenues	XXXX	XXXX	XXXX	XXXX	6766
Balance on order	245	1445	1445	1813	1813
Balance FY Biobjective Achieved	4	21	21	21	27

1. FDP = Funded Delivery Period  
 2. BAE = Division Force Equivalent

OTHER PROCUREMENT, ARMY  
Other Telecommunications Equipment Data Sheet

Requester: Army

Baseline Item: 80

Requirement: Joint Crisis Management Capability (JCMC)

Description/Mission: Joint Crisis Management Capability (JCMC) provides the commanders of the unified commands in airborne transportable package to rapidly deploy for crisis management and joint military contingency operations. The system will provide jam-resistant circuits from deployed locations to the unified commands.

Cost Data (S Mil):

	FY 1980		FY 1981		FY 1982	
	Qty	Amt	Qty	Amt	Qty	Amt
Weapons System Cost	0		1	14.3	4	43.3

Basis for FY 1982 Request: Provides procurement of off-the-shelf military and commercially developed equipment to produce five complete JCMC packages. Delay of funds places the Army program out of synchronization with Air Force aircraft modifications.

OTHER PROCUREMENT, ARMY  
Other Telecommunications Equipment Data Sheet

Service: Army

P-1 Line Item: 82

Nomenclature: Army Telecommunications Automation Program (ATCAP)

Description/Mission: ATCAP is designed to consolidate, automate, and standardize telecommunications centers and provide improved record traffic services and writer-to-reader message services to U.S. Forces commanders worldwide. These automated facilities are capable of supporting an increasing number of management information systems while providing more efficient narrative communications services with reduced manpower requirements.

Cost Data (\$ Mil):

	FY 1980		FY 1981		FY 1982	
	<u>Qty</u>	<u>Amt</u>	<u>Qty</u>	<u>Amt</u>	<u>Qty</u>	<u>Amt</u>
Weapons System Cost		10.1		16.8		7.8

Basis for FY 1982 Request: Provides Army with automated telecommunications center functions through the use of state-of-the-art Standard Remote Terminals, teletypewriters, and Automated Multi-Media Exchanges; also provides automation of manual telecommunications center functions. Denial of FY 1982 funds will result in retention of telecommunications facilities which are inadequate to meet operational requirements of modern armed forces, and which are experiencing rapidly escalating maintenance costs. Personnel reductions have already been instituted in anticipation of these improvements.

OTHER PROCUREMENT, ARMY  
Other Telecommunications Equipment Data Sheet

Service: Army

F-1 Line Item: 90

Nomenclature: Worldwide Technical Control Improvement Program (NWTCLIP)

Description/Mission: A Defense Communications Agency (DCA) managed program to increase the functional capability of existing manual technical control, and patch and test facilities, and to provide evolutionary growth of automatic and processor assisted technical controls for the worldwide Defense Communications System (DCS). Upgrading these facilities is necessary to provide control for new transmission technology circuits (digital), and in order that trouble on circuits may be detected and corrected before outages occur. These technical control facilities provide for day-to-day testing and control of DCS facilities worldwide.

Cost Data (\$ Mil):

	<u>FY 1980</u>	<u>FY 1981</u>	<u>FY 1982</u>
	<u>Qty</u>	<u>Qty</u>	<u>Qty</u>
	<u>Amt</u>	<u>Amt</u>	<u>Amt</u>
Weapons System Cost	0	7.5	2.0

Basis for FY 1982 Request: Provides for upgrading technical control facilities in Europe so as to be commensurate with new technology (digital) being employed. The upgrades are in support of new transmission systems and for correction of operational deficiencies. Denial of FY 1982 funds to accomplish required upgrades would result in technical control personnel being unable to monitor, test, and reroute circuits in the new and existing transmission systems. Consequently, the systems would degrade or fail with no systematic restoration of service.

OTHER PROCUREMENT, ARMY  
Other Telecommunications Equipment Data Sheet

Service: Army

Billings From: 91007

Manufacturer: Defense Satellite Communications Systems (DSCS)

Description Mission: DSCS is a national program to provide a global secure, jam resistant secure communication system to satisfy unique and vital commands, control, and intelligence communications in support of the National Command Authority (NCA), Worldwide Military Command Control System (WWMCCS), Joint Chiefs of Staff, Diplomatic Telecommunications System, Defense Communications System, and other intelligence and early warning requirements of the Military Departments. DSCS provides a communication link to the Rapid Deploy-ment Forces, National emergency Airborne Command Post/SAC Airborne Command Post, the CINC Combined Forces Command, Unified Specified Commands, selected combat forces commands. Additionally, DSCS provides intra-area strategic tactical command and control communications support to worldwide CINC's.

Cost Data (\$ Mil):

	FY 1980		FY 1981		FY 1982	
	Qty	Amt	Qty	Amt	Qty	Amt
Weapons System Cost		102.3		107.9		103.6

Basis for FY 1982 Request: The FY 1982 program includes jam resistant secure communications Super High Frequency (SHF) satellite transportable terminals and associated communications subsystems to support Worldwide Military Command and Control System (WWMCCS) crises management; increased anti-jam protection for accessing DSCS satellites; DSCS III satellite configuration control subsystems; Real-Time Adaptive Control Segment (RTACS) to provide an increased automated capability to monitor, control, and reconfigure the system as conditions warrant; DSCS/Ground Mobile Forces (GMF) Control Interface facility to control tactical satellite communications terminals during crises situations. Should the FY 1982 request be denied, Army will not be able to continue multi-year contracts for jam resistant secure communications, thereby delaying completion of WWMCCS requirements; continued use of an aging manual DSCS control system will be required instead of a near real-time system; Air Force launch of the DSCS III satellites will be delayed due to nonavailability of the Satellite Configuration Control Element.

OTHER PROCUREMENT, ARMY  
Other Communications Equipment Data Sheet

Activity Army

Equipment Name

Description: Single Channel Satellite Radio, Manpack

Use: This radio channel Satellite Manpack Radio operates through UHF satellites or in the direct line mode and provides a reliable and data transmissions. It is deployed with Special Forces, Army and Rapid Deployment Units. This radio significantly extends operating ranges and usage due to its inherent low probability of intercept, burst communications mode, and light weight characteristic.

Quantity 70

<u>FY 1980</u>		<u>FY 1981</u>		<u>FY 1982</u>	
Qty	Amt	Qty	Amt	Qty	Amt
70	0	0	0	70	3.4

Justification: The FY 1982 program supports D-Day forces and war reserves for the Forward Deployed and Rapid Deployment Forces. If the FY 1982 request is denied, the affected forces will continue to experience various communications deficiencies through use of 15-25 year old, high frequency radios that are costly to operate and difficult to maintain.

1950-1951

	<u>FY 1951</u>	<u>FY 1952</u>	<u>FY 1953</u>	<u>FY 1954</u>
...	10	XXXX	XXXX	XXXX
...	104	104	104	70
...	XXXX	XXXX	XXXX	XXXX
...	XXXX	XXXX	XXXX	XXXX
...	104	104	104	174
...	38	38	38	64

...

OPERATIONAL REQUIREMENTS FOR THE SHF TACTICAL SATELLITE COMMUNICATIONS SYSTEM

1. Introduction

2. System Description

2.1. System Architecture and Components

The SHF tactical satellite communications system consists of a multi-terminally super high frequency (SHF) tactical satellite communications system which provides up to one million channels of jam-resistant multi-point communications that is available in a wide area. The system is relatively independent of terrain and weather conditions and is designed to provide the tactical force readiness.

2.2. Operational Requirements

	FY 1980		FY 1981		FY 1982	
	Qty	Amt	Qty	Amt	Qty	Amt
2.2.1. System Cost	1	0	1	17.2	24	22.6

The FY 1982 program will provide for the full-year procurement which started in FY 1981 and provides additional terminals to support the expanded and rapid deployment forces. If the FY 1982 request is denied, the operating capability of the tactical satellite communications system will be degraded and the command and control communications will be affected. In addition to the operational program, contract termination charges will be incurred.

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DEPUTY CHIEF OF STAFF FOR RESEARCH DEVELOPMENT AND AC--ETC F/G 15/5  
DEPARTMENT OF THE ARMY JUSTIFICATION OF ESTIMATES FOR FISCAL YE--ETC(U)  
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Contract Data:

<u>Major Subsystem</u>	<u>Contractor</u>	<u>Type of Last Contract</u>	
-	Harris Corporation Melbourne, Fla	Fixed Price	
<u>FY 1980</u>	<u>FY 1982</u>	<u>FY 1983</u>	<u>FY 1984</u>
0	24	XXXX	XXXX
0	(14)	(21)	(8)
<u>END FY 1980 FDP 1/</u>	<u>END FY 1981 FDP</u>	<u>END FY 1982 FDP</u>	
XXXX	XXXX	24	
XXXX	XXXX	187	
14	26	50	
% Inventory Objective Achieved	14	27	

Production Data:

Funded  
Delivered

Inventory/Objective:

Force Units - DFE 2/

Inventory Objective

On Hand/On Order

% Inventory Objective  
Achieved

1/ FDP = Funded Delivery Period  
2/ DFE = Division Force Equivalent

OTHER PROCUREMENT, ARMY  
Other Telecommunications Equipment Data Sheet

Service: Army

P-1 Line Item: 104

Nomenclature: Satellite Communications Terminal, AN/TSC-93

Description/Mission: The AN/TSC-93 is a multichannel, super high frequency (SHF) tactical satellite communications terminal. It provides point-to-point or non-nodal communications up to 24 voice channels. It provides tactical jam-resistant means of communications that is highly mobile, capable of rapid set-up/tear-down, and relatively independent of terrain and weather conditions. It provides needed improvements to maintain Army tactical force readiness.

Cost Data (\$Mil):

	FY 1980		FY 1981		FY 1982	
	Qty	Amt	Qty	Amt	Qty	Amt
Weapons System Cost	0	0	21	12.0	52	24.7

Basis for FY 1982 Request: The FY 1982 program continues the multi-year procurement which started in FY 1979, and provides additional terminals to support forward deployment and rapid deployment forces. If the FY 1982 request is denied, the operating lifetime of existing terrestrial equipment would have to be extended beyond planned phaseout schedules with the result that less reliable command and control communications will be used by tactical forces. In addition to the operational impact, contract termination charges will be incurred.

Contract Data:

<u>Major Subsystem</u>	<u>Contractor</u>	<u>Type of Last Contract</u>
	Harris Corporation, Melbourne, Fla	Fixed Price

Production Data:

	<u>FY 1980</u>	<u>FY 1981</u>	<u>FY 1982</u>	<u>FY 1983</u>	<u>FY 1984</u>
Funded	0	21	52	XXXX	XXXX
Delivered	0	0	(23)	(43)	(17)
<u>Inventory/Objective:</u>					
	<u>END FY 1980 FDP</u>	<u>1/</u>	<u>END FY 1981 FDP</u>	<u>END FY 1982 FDP</u>	
Force Units - DFE <u>2/</u>	XXXX		XXXX	24	
Inventory Objective	XXXX		XXXX	221	
On Hand/On Order	24		45	97	
% Inventory Objective Achieved	11		20	44	

1/ FDP = Funded Delivery Period

2/ DFE = Division Force Equivalent

OTHER PROCUREMENT, ARMY  
Other Telecommunications Equipment Data Sheet

Service: Army

P-1 Line Item: 105

Nomenclature: EUCOM C<sup>3</sup> (NWS)

Description/Mission: This program is designed to upgrade the command and control and communications (C<sup>3</sup>) for the critical Nuclear Weapons Storage (NWS) sites of the U.S. European Command (EUCOM). The mid-term High Frequency (HF) upgrade (REGENCY NET) project will provide AN/MRC-XX(v)1 and MRC-XX(v)2 transportable terminals for use at detachment and Corps/field artillery Group levels respectively. The terminals will be fully integrated with the satellite communications terminal AN/MSC-64 and will replace radio sets AN/MRC-117, AN/TRC-133A, AN/FRC-93.

Cost Data (\$ Mil):

	FY 1980		FY 1981		FY 1982	
	<u>Qty</u>	<u>Amt</u>	<u>Qty</u>	<u>Amt</u>	<u>Qty</u>	<u>Amt</u>
Weapons System Cost		2.4		7.3		19.7

Basis for FY 1982 Request: Will provide funding for procurement of shelter mounted transportable high frequency (HF) radios and necessary engineering support for upgrade of communications at NWS sites in Europe. If Army request is denied, deterioration of NWS communications will continue until antiquated HF equipments can no longer be maintained.

OTHER PROCUREMENT, ARMY  
Other Telecommunications Equipment Data Sheet

Service: Army

P-1 Line Item: 109

Nomenclature: Ded Loop Encryp Dev KG-84

Description/Mission: The Dedicated Loop Encryption Device, TSEC/KG-84, was developed under the TRI-TAC program to encrypt data and teletypewriter signals from dedicated (unswitched) AN/TYC-39 subscribers to a store and forward module. It is also intended to meet other point-to-point and netted record and data COMSEC requirements such as CRITICOM, WWMCCS, and DSCS.

Cost Data (\$ Mil):

	FY 1980		FY 1981		FY 1982	
	Qty	Amt	Qty	Amt	Qty	Amt
Weapons System Cost	1037	8.8	586	5.0	914	6.9

Basis for FY 1982 Request: The KG-84 is required to encrypt certain circuits in both tactical (TRI-TAC) and strategic (DSCS) applications for the Army and common users (Defense Communications System). The FY82 program includes KG-84 equipment to provide interoperability of satellite communications systems with terrestrial systems such as the Automatic Digital Network (AUTODIN).

Contract Data:

<u>Major Subsystem</u>	<u>Contractor</u>	<u>Type of Last Contract</u>
Ded Loop Encry Dev, KG-84	Bendix Towson, MD	FFP

Production Data:

	<u>FY 1980</u>	<u>FY 1981</u>	<u>FY 1982</u>	<u>FY 1983</u>	<u>FY 1984</u>
Funded	1037	586	914	XXXX	XXXX
Delivered	25	(222)	(897)	(830)	(810)
<u>Inventory/Objective:</u>					
	<u>END FY 1980 FDP</u>	<u>1/</u>	<u>END FY 1981 FDP</u>		<u>END FY 1982 FDP</u>
Force Units - DFE	XXXX		XXXX		24
Inventory Objective	XXXX		XXXX		10436
On Hand/On Order	1284		1870		2784
% Inventory Objective Achieved	12		18		27

1/ FDP = Funded Delivery Period  
2/ DFE = Division Force Equivalent

OTHER PROCUREMENT, ARMY  
Tactical Telecommunications Equipment Data Sheet

Service: Army

P-1 Line Item: 114

Nomenclature: KGV-6/TSEC

Description/Mission: KGV-6 secures the user portion of the Position Locating Reporting system (PLRS), providing a secure transmitter, reporting and relay functions to a master unit (TSEC/KG-58) which performs centralized secure control functions for all participating PLRS user units. The PLRS is a tactical support system that will enhance ground, air, and amphibious operations, providing position location information on a real time basis.

Cost Data (\$ Mil):

	<u>FY 1980</u>		<u>FY 1981</u>		<u>FY 1982</u>	
	<u>Qty</u>	<u>Amt</u>	<u>Qty</u>	<u>Amt</u>	<u>Qty</u>	<u>Amt</u>
Weapons System Cost	0	0	0	0	1097	3.8

Basis for FY 1982 Request: The FY 1982 request will provide the initial funding of this urgently required new capability. Position location and reporting is vital for targeting of artillery strikes and close air support, as well as for control of friendly forces.

Contract Data:

<u>Major Subsystem</u>	<u>Contractor</u>	<u>Type of Last Contract</u>
KGV-6/TSEC	Hughes Aircraft Co Fullerton, CA	None

Production Data:

	<u>FY 1980</u>	<u>FY 1981</u>	<u>FY 1982</u>	<u>FY 1983</u>	<u>FY 1984</u>
Funded Delivered	0 0	0 0	1097 0	XXXX (263)	XXXX ( 804)
<u>Inventory/Objective:</u>					
Force Units - DFE	<u>2/</u>	<u>1/</u>	<u>END FY 1981 FDP</u>	<u>END FY 1982 FDP</u>	<u>END FY 1983 FDP</u>
Inventory Objective	XXXX	XXXX	XXXX	XXXX	24
On Hand/On Order	XXXX	XXXX	XXXX	XXXX	11799
% Inventory Objective Achieved	0	0	0	0	1097
					9

1/ FDP = Funded Delivery Period  
 2/ DFE = Division Force Equivalent

OTHER PROCUREMENT, ARMY  
Tactical Telecommunications Equipment Data Sheet

Service: Army

P-1 Line Item: 115

Nomenclature: Loop Key Gen, TSEC/KG-82

Description/Mission: The loop key generator, TSEC/KG-82, is used in the TRI-TAC system to provide the Message Switch, AN/TYC-39, with the cryptography necessary to establish and maintain communications with secure subscriber terminals. The Message Switch will use the KG-82 to encrypt/decrypt subscriber bound/originated traffic and signaling.

Cost Data (\$ Mil):

	FY 1980		FY 1981		FY 1982	
	Qty	Amt	Qty	Amt	Qty	Amt
Weapons System Cost	245	1.4	347	1.6	681	3.8

Basis for FY 1982 Request: The FY 1982 request will provide COMSEC equipment to support fielding of the AN/TYC-39 (TRI-TAC) Message Switch.

Contract Data:

Major Subsystem	Contractor	Type of Last Contract
Loop Key Gen, TSEC/KG-82	RCA Camden, NJ	CPIF

Production Data:

	<u>FY 1980</u>	<u>FY 1981</u>	<u>FY 1982</u>	<u>FY 1983</u>	<u>FY 1984</u>	<u>FY 1985</u>
Funded	245	347	681	XXXX	XXXX	XXXX
Delivered	0	0	0	(205)	(290)	(587)

Inventory/Objective:

	<u>1/</u>	<u>END FY 1980 FDP</u>	<u>END FY 1981 FDP</u>	<u>END FY 1982 FDP</u>
Force Units - DFE	2/	XXXX	XXXX	24
Inventory Objective		XXXX	XXXX	6511
On Hand/On Order		245	592	1273
% Inventory Objective Achieved		4	9	20

1/ FDP = Funded Delivery Period

2/ DFE = Division Force Equivalent

OTHER PROCUREMENT, ARMY  
Other Telecommunications Equipment Data Sheet

Service: Army

P-1 Line Item: 116

Nomenclature: Message Encrypt Module KN-2 (MABREY)

Description/Mission: The TSEC/KN-2 is a rack-mounted message encryption device providing secure communications in the Special Communications System which transmits Emergency Action Messages (EAM) for the National Command Authority. The KN-2 also provides such systems functions as data formatting, message generation, and address formatting. It provides encryption for VHF Satellite record traffic in three modes. The KN-2 will become an integral part of the AN/MSC-64 and AN/GSC-40 satellite communications terminals.

Cost Data (\$ Mil):

	<u>FY 1980</u>		<u>FY11981</u>		<u>FY 1982</u>	
	<u>Qty</u>	<u>Amt</u>	<u>Qty</u>	<u>Amt</u>	<u>Qty</u>	<u>Amt</u>
Weapons System Cost	0	0	0	0	135	6.2

Basis for FY 1982 Request: This is the first year of production for the TSEC/KN-2. The KN-2 performs functions which cannot be performed by any other existing or planned equipment. This equipment must be provided in order for the Special Communications System to be operated securely.

Contract Data:

<u>Major Subsystem</u>	<u>Contractor</u>	<u>Type of Last Contract</u>
TSEC/KN-2	To Be Determined	None

5-102 1/15/81

Production Data:

	<u>FY 1980</u>	<u>FY 1981</u>	<u>FY 1982</u>	<u>FY 1983</u>	<u>FY 1984</u>
Funded Delivered	0	0	135	XXXX	XXXX
	0	0	0	0	(135)
<u>Inventory/Objective:</u>					
Force Units - DFE	<u>2/</u>	<u>1/</u>			
Inventory Objective	XXXX	XXXX	XXXX	XXXX	24
On Hand/On Order	0	0	0	0	283
% Inventory Objective	0	0	0	0	135
					48
			<u>END FY 1980 FDP</u>	<u>END FY 1981 FDP</u>	<u>END FY 1982 FDP</u>

1/ FDP = Funded Delivery Period  
 2/ DFE = Division Force Equivalent

OTHER PROCUREMENT, ARMY  
Other Telecommunications Equipment Data Sheet

Service: Army

P-1 Line Item: 120

Nomenclature: Speech Security Equipment, TSEC/KY-57

Description/Mission: A half-duplex, wideband, tactical secure voice equipment designed for manpack and vehicular application. New microminiaturized light weight equipment to provide secure voice communications for VHF-FM tactical radios used in armor, vehicular and manpack configurations. Provides secure data transmissions for tactical systems such as TACFIRE and FIREFINDER.

Cost Data (\$ Mil):

	<u>FY 1980</u>		<u>FY 1981</u>		<u>FY 1982</u>	
	<u>QTY</u>	<u>AMT</u>	<u>QTY</u>	<u>AMT</u>	<u>QTY</u>	<u>AMT</u>
Weapons System Cost	8131	34.5	8325	34.5	8742	36.9

Basis for FY 1982 Request: Provides security for voice/data transmissions on the AN/PKC-25/77 and VRC-12 tactical radios.

Contract Data:

<u>Major Subsystem</u>	<u>Contractor</u>	<u>Type of Last Contract</u>
TSEC/KY-57	MAGNAVOX - Torrance, CA Honeywell - Tampa, FL	FFP

Production Data:

	<u>FY 1980</u>	<u>FY 1981</u>	<u>FY 1982</u>	<u>FY 1983</u>	
Funded	8131	8325	8742	XXXX	
Delivered	324	(13894)	(20712)	(14193)	
					<u>END FY 1982 FDP</u>
<u>Inventory/Objective:</u>					
					<u>END FY 1981 FDP</u>
Force Units - DFE	XXXX		XXXX		24
Inventory Objective	XXXX		XXXX		103798
On Hand/On Order	29638		37963		46705
% Inventory Objective Achieved	29		37		45

1/ FDP = Funded Delivery Period

2/ DFE = Division Force Equivalent

OTHER PROCUREMENT, ARMY  
Other Telecommunications Equipment Data Sheet

Service: Army

P-1 Line Item: 121

Nomenclature: Speech Security Equipment, TSEC/KY-58

Description/Mission: Half-duplex, wideband secure voice equip designed for airborne tactical use. New microminiaturized light weight equipment to provide communications security for VHF-FM and UHF-AM radios in all tactical aircraft. This equipment is also required in some ground applications in the TRI-TAC program, as well as for tactical air traffic control operations.

Cost Data (\$ Mil):

	<u>FY 1980</u>		<u>FY 1981</u>		<u>FY 1982</u>	
	<u>Qty</u>	<u>Amt</u>	<u>Qty</u>	<u>Amt</u>	<u>Qty</u>	<u>Amt</u>
Weapons System Cost	3345	9.3	2018	6.3	1591	4.8

Basis for FY 1982 Request: Provides security for aircraft radios and certain ground installations, including air traffic control.

Contract Data:

<u>Major Subsystem</u>	<u>Contractor</u>	<u>Type of Last Contract</u>
TSEC/KY-58	MAGNAVOX - Torrance, CA Honeywell - Tampa, FL	FFP

5-106 1/15/81

Production Data:

	<u>FY 1980</u>	<u>FY 1981</u>	<u>FY 1982</u>	<u>FY 1983</u>
Funded Delivered	3345 175	2018 (2800)	1591 (4908)	XXXX (3622)
<u>Inventory/Objective:</u>				
	<u>1/</u>			
Force Units - DFE	XXXX	XXXX	XXXX	24
Inventory Objective	XXXX	XXXX	XXXX	19745
On Hand/On Order	8149	10167	10167	11758
% Inventory Objective Achieved	41	51	51	60

1/ FDP = Funded Delivery Period  
2/ DFE = Division Force Equivalent

OTHER PROCUREMENT, ARMY  
Other Telecommunications Equipment Data Sheet

Service: Army

P-1 Line Item: 123

Nomenclature: Tnk Encryp Dev, TSEC/KG-81

Description/Mission: The Trunk Encryption Device, TSEC/KG-81, is a general purpose full-duplex Key Generator used primarily for bulk encryption of multichannel traffic. In TRI-IAC applications, the KG-81 will encrypt trunk group traffic between circuit switches, traffic between loop group multiplexers and the circuit switch, and traffic between the circuit and store and forward message switches. In strategic communications applications, the KG-81 will encrypt trunk group traffic in switching centers at rates up to 20 Megabits/Sec.

Cost Data (\$ Mil):

	FY 1980		FY 1981		FY 1982	
	Qty	Amt	Qty	Amt	Qty	Amt
Weapons System Cost	530	7.1	210	4.1	217	3.8

Basis for FY 1982 Request: Required to provide bulk encryption of high-volume voice and data circuits in the tactical (TRI-TAC) and strategic (Defense Satellite Communications System, Washington Area Wideband System, Digital European Backbone, and other communications programs). No other Key Generator is capable of encrypting multichannel communications at the high data rates of these systems.

Contract Data:

Major Subsystem	Contractor	Type of Last Contract
Tnk Encryp Dev, TSEC/KG-81	TRW-Colorado Electronics Colorado Springs, CO	FFP

5-108 1/15/81

Production Data:

	<u>FY 1980</u>	<u>FY 1981</u>	<u>FY 1982</u>	<u>FY 1983</u>	<u>FY 1984</u>
Funded	530	210	217	XXXX	XXXX
Delivered	155	(0)	(25)	(587)	(357)

Inventory/Objective:

	<u>1/</u>	<u>2/</u>	<u>END FY 1980 FDP</u>	<u>END FY 1981 FDP</u>	<u>END FY 1982 FDP</u>
Force Units - DFE	XXXX	XXXX	XXXX	XXXX	24
Inventory Objective	XXXX	XXXX	XXXX	XXXX	6444
On Hand/On Order	557	557	767	984	984
% Inventory Objective Achieved	9	9	12	15	15

1/ FDP = Funded Delivery Period  
2/ DFE = Division Force Equivalent

OTHER PROCUREMENT, ARMY  
Other Telecommunications Equipment Data Sheet

Service: Army

P-1 Line Item: 124

Nomenclature: BATSON II, TSEC/CI-14

Description/Mission: The BATSON II is designed to secure the Satellite Configuration Control Element (SCCE) for the DSCS III Communications satellite.

Cost Data (\$ Mil)

	FY 1980		FY 1981		FY 1982	
	Qty	Amt	Qty	Amt	Qty	Amt
Weapons System Cost	0	0	5	5.4	5	5.5

Basis for FY 1982 Request: The FY 1982 request will provide COMSEC equipment to support fielding of the SCCE for DSCS III.

Contract Data:

<u>Major Subsystem</u>	<u>Contractor</u>	<u>Type of Last Contract</u>
BATSON II, TSEC/CI-14	To be Determined	None

Production Data:

	<u>FY 1980</u>	<u>FY 1981</u>	<u>FY 1982</u>	<u>FY 1983</u>	<u>FY 1984</u>
Funded Delivered	0 0	5 0	5 0	XXXX ( 5)	XXXX ( 5)
<u>Inventory/Objective:</u>	<u>END FY 1980 FDE</u> <u>1/</u>				
Force Units - DFE	<u>END FY 1981 FDP</u>				
Inventory Objective	XXXX	XXXX	XXXX	XXXX	XXXX
On Hand/On Order	0	0	5	5	10
% Inventory Objective Achieved	0	0	42	42	83

1/ FDP = Funded Delivery Period  
2/ DFE = Division Force Equivalent

OTHER PROCUREMENT, ARMY  
Other Telecommunications Equipment Data Sheet

Service: Army

P-1 Line Item: 127

Nomenclature: Base Communications (EUCOM)

Description/Mission: Equipment for new installations, improvements and expansion of administrative telephone switching exchanges and other non-tactical telecom terminals at posts, camps and stations in Europe.

Cost Data (\$ Mil):

	<u>FY 1980</u>	<u>FY 1981</u>	<u>FY 1982</u>
	<u>Qty</u>	<u>Qty</u>	<u>Qty</u>
	<u>Amt</u>	<u>Amt</u>	<u>Amt</u>

Weapons System Cost	13.0	22.4	28.4
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Basis for FY 1982 Request: Provides European Telephone System switch upgrade to replace present prewar technology telephone switching equipment installed following World War II. Continued degradation of the old system, manpower intensive and difficult to maintain equipment necessitates upgrade with new technology. Denial of FY 1982 funds would directly affect readiness, ability of commands in Europe to carry out their missions, and mobilization of forces in alert situations.

OTHER PROCUREMENT, ARMY  
Other Telecommunications Equipment Data Sheet

Service: Army

P-1 Line Item: 129

Nomenclature: TMDE Modernization

Description/Mission: The TMDE (Test Measurement and Diagnostic Equipment) Modernization program is designed to upgrade the manual TMDE in the Army inventory; procured equipment will be commercial off-the-shelf and will have greater accuracy and reliability than current equipment. New equipment will normally replace 10-20 items of existing equipment.

Cost Data (\$ Mil):

	<u>FY 1980</u>		<u>FY 1981</u>		<u>FY 1982</u>	
	<u>Qty,</u>	<u>Amt</u>	<u>Qty</u>	<u>Amt</u>	<u>Qty</u>	<u>Amt</u>
Weapons System Cost	0	0	0	23.0	0	15.0

Basis for FY 1982 Request: The FY 1982 program is the second year of a five year program to modernize inventory TMDE.

OTHER PROCUREMENT, ARMY

Section 7

Analysis of Unobligated Balances

5-114 - 1/15/81

OTHER PROCUREMENT, ARMY

Analysis of Unobligated Balances - FY 1982 Program\*

Category	Estimated Unobligated Dollars (Millions)	% of Total Unobligated
1. Reserved to support contracts	796.6	66.9
2. Engineering Changes	138.2	11.6
3. Other	256.0	21.5
Total Unobligated FY 1982	1190.8	100.0%

Based on past experience, it is predicted that the above amounts will remain unobligated at the end of FY 82. Reasons for the unobligated balance have been grouped into three general categories, and are detailed below. These unobligated amounts will therefore be required in subsequent fiscal years to complete the procurement of the FY 82 program.

1. Reserved to Support Contracts:
  - a. Held pending award of firm contracts as opposed to letter orders.
  - b. Amounts reserved for incentive contract payments.
  - c. Reimbursements to be made to the Army Stock Fund for short leadtime materiel purchased as Government-furnished equipment for producers.
  - d. Amounts held to support Product and Component Improvement Programs; modification for retrofit during production; modifications ordered by customers.
  - e. Contractor claims, reserves to cover potential liabilities for contracts containing escalation clauses for labor or material cost increases and price redeterminations.
  - f. Contract for close-out costs; packing, crating, handling and packaging and loading charges.
  - g. Government-furnished equipment breakout procurements; federal excise tax and sales tax payments; preparation of manuals and technical data; and reserve for completion of construction elements of production base support facilities projects.
  - h. Delay due to design or testing difficulties.
  - i. Award protests.
  - j. Insufficient procurement detail involving reimbursable orders.
  - k. Develop adequate competitive procurement or technical data package.
  - l. Items released to Army by other customers too late to permit obligation in FY 1981.

\*Includes estimated FY 81 carry-over and other customer reimbursable programs.

OTHER PROCUREMENT, ARMY (Continued)

2. Engineering Changes:

- a. Engineering costs in support of production (obligated only as expenses are incurred).
- b. Validated engineering change orders to be incorporated into the current manufacturing process.
- c. Engineering changes as a result of acceptance testing, destructive and proving ground tests.
- d. Amounts reserved to support engineering change proposals and value engineering proposals.

3. Other:

- a. Changes to the previously planned method of procurement (i.e., competitive in lieu of sole source).
- b. Extension to bid opening dates.
- c. Additional time required to complete audits of cost data and to obtain contractor cost data.
- d. Unfavorable pre-award surveys and extended negotiations.
- e. Held pending validation of production capability of low bidder.
- f. Attaining a satisfactory production rate prior to awarding additional work.

Program and Financing Schedule and Object  
Classification Schedule for the Procurement  
of Equipment and Missiles, Army Appropriation

Army

Procurement of Equipment and Missiles, Army

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Program and Financing (In thousands of dollars)

Identification code	21-2030-0-1-051	Budget plan (amounts for procurement actions programmed)		Obligations	
		1980 actual	1981 est.	1980 actual	1981 est.
71.00		11,281	5,470	11,281	5,470
72.40		-5,470	-4,470	-5,470	-4,470
74.40		2,550		2,550	
77.00					
90.00		8,361	1,000	8,361	1,000

Relation of obligations to outlays:

Obligations incurred, net  
 Obligated balance, start of year  
 Obligated balance, end of year  
 Adjustments in expired accounts

Outlays

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SASC  
HBC  
CBO  
HPSCI  
SSCI  
NAVY  
AIR FORCE  
DACA-BUL  
FOR: HAC  
SAC  
DACA-BUF  
FOR: OMB  
GAO  
LOC

DACA-BMZ-A  
DACS-DP  
DACS-DMZ  
DAAG-OPZ  
DAAG-RM  
DAMI-CIS  
DAMI-RMB  
DAMO-ZF  
DALO-RMZ  
DAEN-ZCP  
DAAR-COB  
NGB-ARC  
DASG-RMB  
DAAC-RMC  
DAMH-ZBB  
DAMA-CA  
DAMA-PP  
DAMA-PPP  
DAMA-PPR  
DAMA-PPT  
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1. REPORT NUMBER	2. GOVT ACCESSION NO. <b>AD-A097</b>	3. RECIPIENT'S CATALOG NUMBER <b>382</b>
4. TITLE (and Subtitle) (in 5 parts) Department of the Army Justification of Estimates for Fiscal Year 1982, Submitted to Congress January 1981, Procurement Programs, Aircraft, Missiles, Wpns and Tracked Cbt Veh, Ammunition and Other Proc, Army		5. TYPE OF REPORT & PERIOD COVERED Army Procurement Budget Justification, FY 1982
7. AUTHOR(s) Department of the Army		6. PERFORMING ORG. REPORT NUMBER
9. PERFORMING ORGANIZATION NAME AND ADDRESS HQDA, Office of the Deputy Chief of Staff for Research, Development, and Acquisition (DAMA-PP-B) Washington, DC 20310		8. CONTRACT OR GRANT NUMBER(s)
11. CONTROLLING OFFICE NAME AND ADDRESS HQDA, Office of the Deputy Chief of Staff for Research, Development, and Acquisition (DAMA-AOA-S) Washington, DC 20310		10. PROGRAM ELEMENT, PROJECT, TASK AREA & WORK UNIT NUMBERS
14. MONITORING AGENCY NAME & ADDRESS (if different from Controlling Office)		12. REPORT DATE January 1981
		13. NUMBER OF PAGES 407 (includes all 5 parts)
		15. SECURITY CLASS. (of this report) UNCLASSIFIED
		18a. DECLASSIFICATION/DOWNGRADING SCHEDULE
16. DISTRIBUTION STATEMENT (of this Report)  Approved for public release; distribution unlimited.		
17. DISTRIBUTION STATEMENT (of the abstract entered in Block 20, if different from Report)		
18. SUPPLEMENTARY NOTES		
19. KEY WORDS (Continue on reverse side if necessary and identify by block number) Army Procurement Programs Budget Justification Book covering Aircraft, Missiles, Weapons and Tracked Combat Vehicles, Ammunition and Other Procurement, Army Appropriations programs submitted by the Army to Congress January 1981 for Fiscal Year 1982.		
20. ABSTRACT (Continue on reverse side if necessary and identify by block number) In justification of programs requested, this document, in separate volume for each of the five Procurement Appropriations, provides backup data for the Army Budget submission for FY 1982. Included are Summaries of Requirements, Program and Financing Statements and Selected Data Sheets. (This document has been declassified for NTIS distribution).		

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