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DEPARTMENT OF THE AIR FORCE

JUSTIFICATION OF AMENDED FISCAL YEARS 1988/1989
BIENNIAL BUDGET ESTIMATES
SUBMITTED TO CONGRESS FEBRUARY 1988

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Other Procurement, Air Force

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DEPARTMENT OF THE AIR FORCE

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OTHER PROCUREMENT, AIR FORCE

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OTHER PROCUREMENT, AIR FORCE

For procurement and modification of equipment (including ground guidance and electronic control equipment, and ground electronic and communication equipment), and supplies, materials, and spare parts therefore, not otherwise provided for; for the purchase of not to exceed five hundred and nineteen passenger motor vehicles of which four hundred and five shall be for replacement only; and expansion of public and private plants, Government-owned equipment and installation thereof in such plants, erection of structures, and acquisition of land, for the foregoing purposes, and such lands and interests therein may be acquired, and construction prosecuted thereon, prior to approval of title; reserve plant and Government and contractor-owned equipment layaway; \$8,393,500,000 of which \$124,200,000 shall be available only for the Air National Guard and Air Force Reserve, to remain available for obligation September 30, 1991.

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Other Procurement, Air Force
Program and Financing (in Thousands of dollars) SUMMARY

Identification code	57-3080-0-1-051	Budget Plan (amounts for PROUREMENT actions programed)			Obligations		
		1987 actual	1988 est.	1989 est.	1987 actual	1988 est.	1989 est.
Program by activities:							
Direct program:							
00.0101	Munitions and associated equipment	1,034,218	601,131	679,681	1,013,395	577,020	622,617
00.0201	Vehicular equipment	307,564	237,830	289,968	377,370	230,227	248,106
00.0301	Electronics and telecommunications equipme	2,330,471	1,937,906	1,980,047	2,373,818	2,468,439	2,052,981
00.0401	Other base maintenance and support equipme	5,579,700	5,239,660	5,443,804	5,371,253	5,018,843	5,381,947
00.9101	Total direct program	9,251,953	8,011,527	8,393,500	9,135,786	8,294,529	8,305,651
01.0101	Reimbursable program	439,463	472,200	732,200	431,389	510,888	732,200
10 0001	Total	9,691,416	8,483,727	9,125,700	9,567,175	8,805,417	9,037,851
Financing:							
Offsetting collections from:							
11.0001	Federal funds(-)	-365,581	-460,700	720,700	-335,104	-460,700	-770,700
13.0001	Trust funds(-)	-11,469	-9,444	-9,000	-6,841	-9,444	9,000
14.0001	Non-Federal sources(-)	-62,413	-2,356	-2,500	-62,438	2,056	-2,500
17.0001	Recovery of prior year obligations				-267,010		
21.4002	Unobligated balance available, start of year:						
21.4003	For completion of prior year budget plans	-213,997	-102,908		-2,344,930	-2,758,929	-2,452,839
21.4007	Available to finance new budget plans	57,829	15,600		-213,997	-102,908	
22.4001	Reprogramming from/to prior year budget pla	-140,156	29,108		-140,156	29,108	
22.4001	Unobligated balance transferred to other acc						
24.4002	Unobligated balance available, end of year:						
24.4003	For completion of prior year budget plans	102,908			2,758,929	2,452,839	2,540,688
25.0001	Available to finance subsequent year budget	17,010			102,908		
25.0001	Unobligated balance lapsing				17,010		
39.0001	Budget authority	9,075,547	7,953,327	8,393,500	9,075,547	7,953,327	8,393,500
Budget authority:							
40.0001	Appropriation	9,326,326	9,010,527	8,393,500	9,326,326	8,010,827	8,393,500
40.0017	Appropriation rescinded	-91,511	-58,200		-191,511	-58,200	
41.0001	Transferred to other accounts(-)	-71,698	-4,400		-71,698	-4,400	
42.0001	Transferred from other accounts	12,430	5,100		12,430	5,100	
43.0001	Appropriation (adjusted)	9,075,547	7,953,327	8,393,500	9,075,547	7,953,327	8,393,500
Relation of obligations to outlays:							
71.0001	Obligations incurred, net						
72.4001	Obligated balance, start of year				9,162,792	8,333,217	8,305,651
74.4001	Obligated balance, end of year				5,727,408	6,891,397	6,351,014
77.0001	Adjustments in expired accounts				-6,891,397	-6,351,014	-6,530,565
78.0001	Adjustments in unexpired accounts				-267,010		

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Other Procurement, Air Force
Program and Financing (in Thousands of dollars) SUMMARY

Identification code	57-3080-0-1-051	1987 actual	1988 est.	1989 est.
90.0001	Outlays	7,776,845	8,873,600	8,126,100

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Other Procurement, Air Force
Object Classification (in Thousands of dollars) SUMMARY

Identification code	57-3080-0-1-051	1987 actual	1988 est.	1989 est.
Direct obligations:				
131.001	Equipment	9,135,786	8,294,529	8,305,651
199.001	Total Direct obligations	9,135,786	8,294,529	8,305,651
Reimbursable obligations:				
231.001	Equipment	431,389	510,888	732,200
299.001	Total Reimbursable obligations	431,389	510,888	732,200
999.901	Total obligations	9,567,175	8,805,417	9,037,851

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Other Procurement, Air Force
Program and Financing (in Thousands of Dollars) FISCAL YEAR 1983

Identification code	Budget Plan (amounts for PROCUREMENT actions programmed)		Obligation		
	1987 actual	1988 est.	1987 actual	1988 est.	1989 est.
57-3080-0-1-051					
Financing:					
17.0001	Recovery of prior year obligations				
	Unobligated balance available, start of year:				
21.4007		Reprogramming from/to prior year budget pla	-50,900		
22.4001	Unobligated balance transferred to other acc		50,900		
39.0001	Budget authority				

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Other Procurement, Air Force
 Program and Financing (in Thousands of dollars) FISCAL YEAR 1985

Identification code	57-3080-0-1-051	Budget Plan (amounts for PROCUREMENT actions programmed)			Obligations
		1987 actual	1988 est.	1989 est.	
Program by activities:					
Direct program:					
00.0101	Munitions and associated equipment				56,715
00.0201	Vehicular equipment				57,475
00.0301	Electronics and telecommunications equipme				369,478
00.0401	Other base maintenance and support equipme				310,539
00.9101	Total direct program				794,207
01.0101	Reimbursable program				2,392
10.0001	Total				796,599
Financing:					
Offsetting collections from:					
11.0001	Federal funds(-)				8,137
13.0001	Trust funds(-)				4,715
17.0001	Recovery of prior year obligations				-64,176
21.4002	Unobligated balance available, start of year:				-560,144
21.4003	For completion of prior year budget plans				-68,611
21.4007	Available to finance new budget plans				185,132
22.4001	Reprogramming from/to prior year budget pla				-202,142
25.0001	Unobligated balance transferred to other acc				17,010
40.0017	Unobligated balance lapsing				-68,611
40.0017	Budget authority (Appropriation rescinded)				-68,611

Other Procurement, Air Force
Program and Financing (in thousands of dollars) FISCAL YEAR 1987

Identification code	57-3080-0-1-051	Budget Plan amounts for PROGRAM ELEMENT actions programmed			
		1987 actual	1988 est.	1987 actual	1988 est.
Program by activities:					
Direct program:					
00.0101	Munitions and associated equipment	1,034,219		856,394	1,203,331
00.0201	Vehicular equipment	307,561		256,112	39,898
00.0301	Electronics and telecommunications equipment	2,340,471		1,214,797	750,048
00.0401	Other base maintenance and support equipment	5,579,700		4,800,987	283,355
00.9101	Total direct program	9,261,953		7,128,290	1,194,340
01.0101	Reimbursable program	439,463		414,545	24,918
10.0001	Total	9,691,416		7,602,735	1,219,258
Financing:					
Offsetting collections from:					
11.0001	Federal funds(-)	-365,581		-365,581	
13.0001	Trust funds(-)	-11,469		-11,469	
14.0001	Non-Federal sources(-)	-62,413		62,413	
21.4002	Unobligated balance available, start of year:				
21.4003	For completion of prior year budget plans				
21.4007	Available to finance new budget plans				
22.4001	Reprogramming from/to prior year budget plan	-15,600			
24.4002	Unobligated balance transferred to other acc				
24.4003	Available to finance subsequent year budget				
39.0001	Budget authority	9,267,058		9,267,058	
Budget authority:					
40.0001	Appropriation	9,326,326		9,326,326	
41.0001	Transferred to other accounts(-)	-71,698		71,698	
42.0001	Transferred from other accounts	12,430		12,430	
43.0001	Appropriation (adjusted)	9,267,058		9,267,058	

Other Procurement, Air Force
Program and Financing (in Thousands of Dollars) FISCAL YEAR 1988

Identification code	57-3080-0-1-051	Budget Plan (amounts for procurements actions programmed)		Obligations	
		1987 actual	1988 est.	1987 actual	1988 est.
Program by activities:					
Direct program:					
00.0101	Munitions and associated equipment	601,131		385,785	30,128
00.0201	Vehicular equipment	232,832		149,136	50,973
00.0301	Electronics and telecommunications equipment	1,937,906		1,242,435	420,944
00.0401	Other base maintenance and support equipment	5,239,609		4,650,164	382,774
00.9101	Total direct program	8,011,527		6,427,120	954,099
01.0101	Reimbursable program	472,200		472,200	
10.0001	Total	8,483,727		6,900,120	954,099
Financing:					
Offsetting collections from:					
11.0001	Federal funds(-)		-460,700		-460,700
13.0001	Trust funds(-)		-9,444		-9,444
14.0001	Non-Federal sources(-)		-2,056		-2,056
21.4002	Unobligated balance available, start of year: For completion of prior year budget plans				1,583,607
24.4002	Unobligated balance available, end of year: For completion of prior year budget plans				599,508
39.0001	Budget authority	8,011,527		8,011,527	
Budget authority:					
40.0001	Appropriation	8,010,827		8,010,827	
41.0001	Transferred to other accounts (-)		-4,400		-4,400
42.0001	Transferred from other accounts		5,100		5,100
43.0001	Appropriation (adjusted)	8,011,527		8,011,527	

Other Procurement, Air Force
Program and Financing (in Thousands of dollars) FISCAL YEAR 1989

Identification code	1988 est.		1989 est.	
	1987 actual	1988 est.	1989 est.	1990 est.
Budget Plan (amounts for PROCUREMENT activities program)				
Program by activities:				
Direct program:				
00 010		67,344	4,814,946	
01 020		298,260	1,272,579	
01 030		1,042,147	1,677,259	
02 040		5,443,648	4,594,186	
00 010	Total direct program	6,451,399	11,358,870	
01 050	Reimbursable program	1,000,000	1,000,000	
00 000	Total	7,451,399	12,358,870	
Financing:				
01 0001	Offsetting collections from:	2,111,701	2,111,701	
03 0001	Federal funds(-)	1,000,000	1,000,000	
03 0002	Trust funds(-)	1,000,000	1,000,000	
03 0003	Non-Federal sources(-)			
24 4002	Obligated balance available, end of year:			
	for completion of prior year budget plans		1,000,000	
01 0001	Budget authority (Appropriation)	12,358,870	13,358,870	

(In Thousands of Dollars)

FY 1989 Amended Estimate	\$ 679,681
FY 1989 Change	-162,832
FY 1989 Initial Estimate	842,513
FY 1988 Estimate	601,131
FY 1987 Actual	1,034,218

ACTIVITY: Munitions and Associated Equipment

PART I - PURPOSE AND SCOPE

Provides munitions for Tactical and Strategic Forces including: rockets, cartridges, bombs, chaff and flare defensive countemeasures, aerial tow targets, spares and repair parts, and equipment modifications. This materiel is required for: (1) training of aircrews in weapon employment; (2) maintaining pilot-crew combat proficiency; (3) training personnel in maintenance, storage, movement, assembly, and loading of munitions; (4) training weapons personnel in base defense; and (5) the procurement of War Reserve Materiel (WRM) to meet specified inventory objectives.

PART II - JUSTIFICATION OF FUNDS REQUESTED

The FY 1989 program includes funds for the procurement of: Small Arms Ammunition, 20MM Combat and Training; 30MM Training Cartridges; 40MM High Explosive Grenades; Inflatable Retarders (BSU-49, BSU-50); CBU-87 Combined Effects Munition (CEM); BIGEYE Chemical Bomb; Flares and Fuzes. These funds will provide for procurement of training, base defense and WRM.

The following table summarizes the program requirements for each of the major categories of munitions and associated equipment in the past, current, and budget year programs:

DIRECT PROGRAM REQUIREMENTS

(In Thousands of Dollars)

	1987	1988	1989
1. Rockets and Launchers	\$ 37,759	\$ 30,019	\$ 31,860
2. Cartridges	145,534	122,759	132,671
3. Barbs	735,411	333,877	419,467
4. Targets	9,646	248	1,286
5. Other Items	66,162	73,078	62,266
6. Fuzes	30,391	34,474	30,145
7. Other Weapons	9,315	5,676	1,986
Total Direct Program Requirements	\$1,034,218	\$ 601,131	\$679,681

MAJOR PROCUREMENTS PLANNED IN FY 1989 INCLUDE:

ROCKETS AND LAUNCHERS - Provides for procurement of rocket warheads, rocket motors, anti-tank rockets and miscellaneous rocket components in support of training requirements. The \$1.9 million increase in FY 1989 funding over FY 1988 is due to increased procurements in the items Less Than \$2M budget program and the AT-4 anti-tank rocket

CARTRIDGES - Provides for procurement of 20MM training and combat cartridges used in tactical aircraft guns, 30MM Training Cartridges used by the A-10 and numerous other small arms and miscellaneous cartridges used in a multitude of applications. The \$9.9 million increase from FY 1988 to FY 1989 chiefly results from increased procurement of 20MM Training Cartridges.

BOVBES - Provides for procurement of Timer Actuator Fin Fuze, BSU 49/50 Inflatable Retarders, 2000 lb Hard Target Bomb, as well as procurement of the CBU-87 Combined Effects Munition (CEM) cluster bomb, BIGEYE chemical bomb and inert training bombs. The \$85.6 million increase from FY 1988 to FY 1989 is driven primarily by BIGEYE procurement.

TARGETS - Provides for procurement of replacement elements for Aerial Tow Targets and scoring devices employed in air-to-air gunnery training. The \$.1 million increase from FY 1988 to FY 1989 is in the Items Less Than \$2 million line item.

OTHER ITEMS - Provides for procurement of a variety of flares, EOD support items, general support items, spare and repair parts, and modifications. The decrease of \$10.8 million from FY 1988 to FY 1989 is predominately due to reduced modification requirements.

FUZES - Provides for procurement of the FMU-139 electronic fuzes for bombs. The decrease of \$4.3 million from FY 1988 to FY 1989 results from reduced unit costs on the FMU-139 fuzes.

OTHER WEAPONS - Provides for procurement of grenade launchers and GMM handguns. The decrease of \$3.7 million from FY 1988 to FY 1989 is essentially attributable to lower procurement quantities of the GMM handguns.

(In Thousands of Dollars)

FY 1989 Amended Estimate	\$ 289,968
FY 1989 Change	-59,497
FY 1989 Initial Estimate	349,465
FY 1988 Estimate	232,830
FY 1987 Actual	307,564

ACTIVITY: Vehicular Equipment

PART I - PURPOSE AND SCOPE

Provides for all classes and types of mission related vehicles to support operational readiness of the active and reserve forces, including the capability to sustain a wartime surge of forces for the length of the conflict. Examples of vehicle types are forklifts and aircraft loaders, aircraft refuelers, runway sweepers, aircraft launch and recovery vehicles, and fire fighting equipment.

PART II - JUSTIFICATION OF FUNDS REQUESTED

The FY 1989 program provides for the procurement of critical general purpose, special purpose, base maintenance vehicles, materials handling, fire fighting, and snow removal equipment. It also funds inventory augmentation and replacement of overage and uneconomical vehicles in order to improve mission support and combat readiness.

The following table summarizes the program for each of the major vehicle categories in the past, current, and budget year programs:

DIRECT PROGRAM REQUIREMENTS

	(In Thousands of Dollars)	
	1987	1988
1. Passenger Carrying Vehicles	\$ 25,280	\$ 19,828
2. Cargo and Utility Vehicles	123,326	103,695
3. Special Purpose Vehicles	42,516	39,075
4. Fire Fighting Equipment	17,942	10,279
5. Materials Handling Equipment	36,160	20,935
6. Base Maintenance Support	62,340	39,018
Total Direct Program Request	\$ 307,564	\$ 232,830
		\$ 289,968

MAJOR PROCUREMENTS PLANNED IN FY 1989 INCLUDE:

PASSENGER CARRYING VEHICLES - Provides for replacement of ambulances, law-enforcement vehicles, buses, sedans, and station wagons which are average, worn-out, and require excessive repair expense to maintain. The FY 1989 program will replace only those passenger carrying vehicles in the cost critical age and maintenance categories. The request is \$9.0 million less than the FY 1988 due to reduced procurements of all vehicles except the 44 passenger bus and Law Enforcement Vehicles.

CARGO AND UTILITY VEHICLES - This category includes vehicles required to transport air crews, distribute cargo and munitions, tow communications equipment, and expedite delivery of aircraft spare parts to the flightline. The FY 1989 request is \$35.7 million less than the FY 1988 due to reduced procurement of every line item in this budget category except the High Mobility Vehicles based on overall Major Air Commands vehicle priorities.

SPECIAL PURPOSE VEHICLES - This category provides for procurement of aircraft tow tractors, flightline equipment tow tractors, telephone installation and maintenance vehicles, and fuel, water and oil tank trucks. The FY 1989 request is \$68.7 million more than FY 1988 largely due to multiyear procurement of the R-11 Fuel Tank Truck and initial procurement of the Mobile Armored Reconnaissance Vehicle.

FIRE FIGHTING EQUIPMENT - Provides for procurement of equipment required for aircraft crash and rescue operations, and for structural fire protection of base property. The FY 1989 request is \$9.2 million greater than the FY 1988 estimate due to multiyear procurement of P-23 aircraft crash trucks and P-24/P-22 structural fire trucks.

MATERIALS HANDLING EQUIPMENT - Provides for procurement of forklifts and aircraft cargo loaders to support aerial port and munitions handling/loading operations. The FY 1989 request is \$8.3 million more than the FY 1988 estimate due to increased procurements of the 4,000 lb forklifts, 6,000 lb forklifts, 10,000 lb forklifts, 25 K A/C loaders, and miscellaneous items costing less than \$2,000,000.

BASE MAINTENANCE SUPPORT EQUIPMENT - Provides funding for snow removal, construction and maintenance equipment required for airfields and grounds. The FY 1989 request is \$15.6 million greater than FY 1988 due primarily to increased procurement of Scoop Loaders, Runway/Street Cleaners, and 7-50 Ton Cranes.

	(In Thousands of Dollars)	
FY 1989	Amended Estimate	\$1,980,047
FY 1989	Change	-728,774
FY 1989	Initial Estimate	2,708,821
FY 1988	Estimate	1,937,906
FY 1987	Actual	2,330,471

ACTIVITY: Electronics and Telecommunications Equipment

PART I - PURPOSE AND SCOPE

Provides ground electronic and telecommunications systems for command and control of the operational forces, the detection of hostile forces, and Air Force-wide communications.

PART II - JUSTIFICATION OF FUNDS REQUESTED

The funds requested in FY 1989 will ensure the continued worldwide command and control of our strategic and tactical forces through procurement of prime mission electronics and telecommunications equipment, modification kits, peculiar test equipment, and essential spare and repair parts. Provision also is made for supporting structure requirements, such as enroute and terminal navigational and landing guidance intelligence; and security of Air Force activities, facilities and personnel. Also included are items such as communications and navigation radio equipment, land-line communications equipment, detection and surveillance radars, communications security devices, data processing and display equipment, meteorological equipment and modification kits needed for assurance of effective and continued operation.

The following table summarizes the program requirements for each of the major categories of equipment in the past, current, and budget year programs:

DIRECT PROGRAM REQUIREMENTS

	(In Thousands of Dollars)	
	1987	1988
1. Communications Security Equipment	\$97,239	\$83,467
2. Intelligence Programs	65,997	21,942
3. Electronics Programs	651,238	493,377
4. Special Comm-Electronics Projects	639,828	596,559
5. Air Force Communications	276,533	246,455
6. DCA Programs	98,350	82,574
7. Organization and Base	438,324	356,528
8. Modifications	62,562	57,004
Total Direct Program Requirements	\$2,330,471	\$1,937,906
		\$87,931
		14,232
		741,119
		478,430
		286,825
		21,913
		292,562
		57,035

MAJOR REQUIREMENTS PLANNED IN FY 1989 INCLUDE:

COMMUNICATIONS SECURITY EQUIPMENT - This program is for the procurement and installation of devices for encryption and decryption of communications, to ensure security of voice, teletype and data communications. Included is equipment to secure data networks and tactical radios. The FY 1989 Program for Communications Security Equipment increases by \$4.5 million dollars. The increase results from COMSEC requirements for Space Systems and DCS Secure Voice.

INTELLIGENCE PROGRAMS - This program provides the equipment for worldwide USAF collection processing and reporting of intelligence information. Decreases result from the transfer of programs to the Other Base Maintenance Activity in accordance with Congressional direction.

ELECTRONICS PROGRAMS - This activity includes electronic equipment to augment existing systems and to replace obsolete equipment. Included is equipment for the Tactical Air Control System improvements Weather Eq. Cheyenne Mountain Complex and aircraft detection (Distar; Early Warning and OTH-E radars). The FY 1989 Electronics Programs increase \$247.7 million over FY 1988. Increases in the OTH-B Program as well as the start of procurement of Short Range Radars for the Distant Early Warning/ North Warning System account for this growth.

SPECIAL COMM-ELECTRONICS PROGRAMS - This program procures electronic equipment to satisfy specific mission requirements. Included are Automatic Data Processing Equipment (ADPE), Air Base Defense Systems, Range Improvements, Base Level Data Automation, and the Satellite Control Facility. The FY 1989 program decreases \$118.1 million from FY 1988 primarily because of reductions to Automatic Data Processing Equipment (\$-27.3 million), Satellite Control Facility (\$-42.3 million), and Range Improvements (\$-41.4 million).

AIR FORCE COMMUNICATIONS - These programs are the primary Air Force Communications terminal equipments used to provide common user facilities. Included are satellite communication terminals, equipment used in communications centers, and tactical ground equipment. The \$40.4 million increase in FY 1989 over FY 1988 is driven by initiation of procurement of MILSTAR ground terminals (\$73.4 million).

DCA PROGRAMS - These programs are in support of the Defense Communications System. Included are the Wide-band Systems Upgrade and Minimum Essential Emergency Communications Net (MEECN). The FY 1989 program declines \$60.7 million from FY 1988. The change is due to reductions to Wideband Systems Upgrade (\$-27.5 million) and the MEECN program (\$-32.3 million).

ORGANIZATION AND BASE - This program procures electronic equipment for individual Air Force units and bases. It includes TV equipment, mobility radios, and spares and repair parts. The decrease from FY 1988 to FY 1989 (\$64.0 million) is driven by decreases to Tactical C-E equipment (\$-11.7 million) Radio equipment (\$-26.7 million) and Spares and Repair Parts (\$-23.0 million).

MODIFICATIONS - This program is for the modification of existing electronic equipment to increase reliability, provide a new or increased capability or correct an operational deficiency. The FY 1989 funding remains essentially unchanged from FY 1988.

(In Thousands of Dollars)

FY 1989 Amended Estimate	\$5,443,804
FY 1989 Change	-475,633
FY 1989 Initial Estimate	5,919,437
FY 1988 Estimate	5,239,660
FY 1987 Actual	5,579,700

ACTIVITY: Other Base Maintenance and Support Equipment

PART I - PURPOSE AND SCOPE

Provide ground support equipment, not otherwise provided with the major weapons systems for operational forces and supporting structure. Included are test equipment, personal safety and rescue equipment, medical and dental equipment, and automated materials handling equipment for improving the efficiency of the Air Force supply and maintenance system, base maintenance equipment, electrical equipment, intelligence and reconnaissance equipment, and modifications. All equipment is essential for the day to day support of forces in being as well as to sustain combat operations in wartime and to maintain quality of life for Air Force personnel.

PART II - JUSTIFICATION OF FUNDS REQUESTED

The funds requested provide for: (1) test equipment for maintenance calibration repair and checkout of weapon systems, electronics equipment and communications apparatus; (2) personal safety items to safeguard the lives of aircrews and other personnel including chemical/biological defense equipment (3) equipment for repair at base level maintenance shops, mechanization of materials handling systems at Air Force bases, air logistics centers and passenger and cargo terminals; (4) mobile electric generating power and distribution equipment; (5) base procured equipment; (6) medical and dental equipment, air cargo pallets mobility equipment to support the employment of the Rapid Deployment Force in Southwest Asia and aircraft arresting systems; (7) special support projects, Air Force elements of the atomic energy surveillance program and industrial preparedness technology modernization efforts; (8) modifications to improve reliability and maintainability of equipment and (9) spare/repair parts to maintain the equipment procured in this program.

The following table summarizes the program requirements for each of the major categories of equipment in the past, current, budget year programs:

DIRECT PROGRAM REQUIREMENTS

	(In Thousands of Dollars)		
	1987	1988	1989
1. Test Equipment	\$ 108,840	\$ 98,930	\$ 102,827
2. Personal Safety and Rescue Equipment	100,292	130,122	110,080
3. Depot Plant and Materials Handling Equipment	44,044	48,141	56,505
4. Electrical Equipment	33,498	27,334	19,428
5. Base Support Equipment	290,913	229,517	256,454
6. Special Support	<u>5,002,113</u>	<u>4,705,616</u>	<u>4,898,510</u>
Total Direct Program Requirements	\$5,579,700	\$5,239,660	\$5,443,804

MAJOR PROCUREMENTS PLANNED IN FY 1989 INCLUDE:

TEST EQUIPMENT - Provides calibration standards and precision measurement equipment for Precision Measurement Equipment Laboratories and the Aerospace Guidance Meteorology Center; oscilloscopes, signal generators, electronic counters, level meter and display; and other electronic test equipment purchases costing less than \$2,000,000 each. The \$3.9 million increase from FY 1988 to FY 1989 is attributable to the increases on of Base/ALC Calibration Package and General Purpose Test Equipment.

PERSONAL SAFETY AND RESCUE EQUIPMENT - Provides chemical/biological defense protection equipment, Night Vision Goggles (NVG), life rafts/preservers, and other safety and rescue equipment. The decrease of \$20 million from FY 1988 to FY 1989 is due to reductions in every program within this area.

DEPOT PLANT AND MATERIALS HANDLING EQUIPMENT - Includes mechanized material handling equipment and automated warehouses for five Air Logistic Centers, various air bases, passenger terminals, and freight terminals and other base level maintenance and repair shop equipment costing less than \$2,000,000 each. The FY 1989 program increases \$8.4 million from the FY 1988 program primarily because of increased procurement on Base Mechanization Equipment and Items Less Than \$2.0 million.

ELECTRICAL EQUIPMENT - Provides mobile electric generators and other electrical items costing less than \$2,000,000 each. The generators provide primary and/or utility power to alert hangers, communications systems, radar systems, aircraft maintenance shops, control towers and runway lighting. The \$7.9 million decrease from FY 1988 to FY 1989 is largely attributable to no procurement of Flood Lights in FY 1989.

BASE SUPPORT EQUIPMENT - Provides for the purchase of centrally procured equipment such as mobility equipment, cargo pallets and nets, photographic equipment, spares and repair parts, and base procured equipment (items costing more than \$15,000). The \$26.9 million increase from FY 1988 to FY 1989 is due predominantly to increase in Base Procured Equipment, Medical/Dental Equipment, and Air Base Operability initiatives.

SPECIAL SUPPORT PROJECTS - Includes intelligence equipment and systems, industrial preparedness, and equipment modifications.

1988 PROGRAM

COMPARISON OF REQUIREMENTS AS SHOWN
IN FY 1988 BUDGET WITH REQUIREMENT AS
SHOWN IN FY 1989 BUDGET

SUMMARY OF REQUIREMENTS

(In Thousands of Dollars)

	Program Requirements 1988 Budget	Program Requirements 1989 Budget	Increases (+) or Decreases (-)
Munitions and Associated Equipment	\$ 648,869	\$ 601,131	\$ -47,738
Vehicular Equipment	273,364	232,830	-40,534
Electronics and Telecommunications Equipment	2,176,430	1,937,906	-238,524
Other Base Maintenance and Support Equipment	5,471,819	5,239,660	-232,159
Reimbursable Program	550,000	472,200	-77,800
TOTAL	\$9,120,482	\$8,483,727	\$-636,755

EXPLANATION BY BUDGET ACTIVITY

1. MUNITIONS AND ASSOCIATED EQUIPMENT (\$-47.7 MILLION). Congress adjusted the program \$-45.5 million as follows: 30M Training (\$-12.0M); MKU-4A, A Engine Starter (\$-2.0M); BSU-49 inflatable Retarder (\$-2.2M); Bomb Practice 25 LB (\$-5.5M); Mechanical Diversers (\$-9.8M); OBU-87 (Combined Effects Munition) (\$-10.0M); BICEYE (\$-14.8M); Flare IR (BIB) (\$-2.0M); MJU-108 (\$-7.8M); Modifications (\$-26.0M); FMU-138 (\$-5.5M). Additionally, a reprogramming proposing the transfer of \$2.2M to another appropriation is currently being prepared for submission to Congress.
2. VEHICULAR EQUIPMENT (\$-40.5 MILLION). Congress adjusted the program by \$-40.5 million as follows: Sedan 4 Dr 4x2 (\$-3M); 44 Passenger Bus (\$-2.4M); Cargo Utility 3/4T 4x4 Truck (\$-2.1M); Cargo Utility 1/2T 4x2 Truck (\$-1.2M); Over 5 ton Tractor Truck (\$-6.7M); 4x2 Maintenance Truck (\$-7M); Telephone Maintenance Truck (\$-2.6M); 1200 Gallon Tank Truck (\$-6M); Missile Maintenance Unit (\$-2.5M); Mobile Armored Reconnaissance Vehicle (\$-22.0M); 6000 LB Forklift Truck (\$-3M) and Civil Air Patrol (\$-8M).

3. ELECTRONICS AND TELECOMMUNICATIONS EQUIPMENT (\$-238.5 MILLION). Congress adjusted the program \$ 238.5M as follows: DCS Secure Voice (COMSEC) (\$-11.3M), Secure Data (\$-9.2M), Intelligence Data Handling System (\$-20.4M), Intelligence Comm Eq (\$-1.7M), Cobra Judy (\$-5M), Cobra Dome (\$-2.2M), Traffic Control Landing (\$-4.8M), Tactical Air Control System Improvement (\$-15.1M), Weather Observation Registry (\$-2.7M), SAC Command and Control (\$-5.0M), Launch Control Center Communications (\$-4.2M), Communications Mixtures Controller (\$-3.5M), PACAF Command and Control (\$-2.0M), Tactical Ground Intelligence File (\$-1.7M), MARS Base Station (\$-5.0M), Air Base Radar (\$-1.2M), Tactical Ground Intelligence File (\$-1.7M), MARS Base Station (\$-5.0M), Processing Equipment (\$-10.4M), WAFCS W.S. ACEF (\$-2.7M), Air Base Radar (\$-1.2M), Tactical Ground Intelligence File (\$-1.7M), MARS Base Station (\$-5.0M), Range Improvements (\$-35.1M), CC Communications (\$-1.0M), Station Weapons Storage and Security (\$-5.9M), Range Improvements (\$-35.1M), CC Communications (\$-1.0M), Station Weapons Facility (\$-10.3M), Consolidated Space Operations Center (\$-2.0M), Control System Processing Control System (\$-1.1M), SAMTO Test Ranges (\$-3.4M), Joint Tactical Communications Program (\$-25.9M), Satellite Terminals (\$-8.5M), Minimum Essential Emergency Communications Network (\$-12.1M), Tactical C/E Equipment (\$-3.5M), Radio Equipment (\$-7M), Fiber Optics (\$-1.3M), Spares and Repair Parts (\$-30.0M), Tactical Equipment (\$-10.6M) and Civil Air Patrol (\$+1.5M).

4. OTHER BASE MAINTENANCE AND SUPPORT EQUIPMENT (\$-232.2 MILLION). Congress adjusted the program \$-235.1M as follows: Chemical/Biological Defense Program (\$-10.0M), Items Less Than \$2M (Electrical Equipment) (\$-4.1M), Medical/Dental Equipment (\$-10.0M), Productivity Enhancement (\$-9M), Mobility Equipment (\$-1.6M), Items Less Than \$2M (Base Support) (\$-1.2M), Intelligence Production Activity (\$+88.0M), Scientific/Technical Intelligence (\$-7.7M), Defense Dissemination System (\$-8.6M), AF Technical Application Center (\$-15.7M), Selected Activities (\$-231.2M), Special Update Program (\$-21.4M), Industrial Preparedness (\$-1.7M), Miscellaneous Equipment (\$-6.4M) and Modifications (\$-3.6M). In addition reprogrammings currently being prepared for submission to Congress propose a net increase of \$2.9 million.

5. REIMBURSABLE PROGRAM \$-77.8 MILLION. The decrease of \$77.8 million is due to a revised estimate of customer orders.

COMPARISON OF FY 1988 FINANCING AS REFLECTED
IN FY 1988 BUDGET WITH FY 1988 FINANCING AS
SHOWN IN FY 1989 BUDGET

	(In Thousands of Dollars)		
	Financing Per FY 1988 Budget	Financing Per FY 1989 Budget	Increase (+) or decrease (-)
Program requirements	\$9 120 482	\$8 483 727	\$ 636 755
Program requirements (Service Account)	8 570 482	8 011 527	-558 955
Program requirements (Reimbursable)	550 000	472 200	77 800
Less:			
Anticipated Reimbursements	550 000	472 200	-77 800
Transferred from other accounts		5 100	-5 100
Add:			
Transferred to other accounts		4 400	+4 400
Appropriation	\$8 570 482	\$8 010 827	\$ -559 655

EXPLANATION OF CHANGES IN FINANCING

The Fiscal Year 1988 program has decreased \$636,755 thousand since submission of the FY 1988 budget. Adjustments by category of financing are explained below.

1. ANTICIPATED REIMBURSEMENTS. The decrease is due to a revised estimate of customer orders.
2. TRANSFERRED TO OTHER ACCOUNTS. The increase is due to a reprogramming action currently being prepared for submission to Congress.
3. TRANSFERRED FROM OTHER ACCOUNTS. The increase is due to a reprogramming action currently being prepared for submission to Congress.
4. APPROPRIATION. The decrease is due to Congressional action on the FY 1988 request.

1987 PROGRAM

COMPARISON OF REQUIREMENTS AS SHOWN
IN FY 1988/1989 BUDGET WITH REQUIREMENT AS
SHOWN IN FY 1989 AMENDED BUDGET

SUMMARY OF REQUIREMENTS

(In Thousands of Dollars)

	Program Requirements 1988/1989 Budget	Program Requirements 1989 Amended Budget	Increases (+) or Decreases (-)
Munitions and Associated Equipment	\$1,048,893	\$1,034,218	-14,675
Vehicular Equipment	309,442	307,564	-1,878
Electronics and Telecommunications Equipment	2,404,931	2,330,471	-74,460
Other Base Maintenance and Support Equipment	5,563,515	5,579,700	+16,185
Reimbursable Program	<u>588,468</u>	<u>439,463</u>	<u>-149,005</u>
TOTAL	\$9,915,249	\$9,691,416	-223,833

EXPLANATION: BY BUDGET ACTIVITY

1. MUNITIONS AND ASSOCIATED EQUIPMENT (\$-14.7 MILLION). The reduction is being proposed for transfer to another account on a reprogramming action currently being prepared for submission to Congress.
2. VEHICULAR EQUIPMENT (\$-1.9 MILLION). The net decrease results from: a proposed transfer to another account of \$3.8M on a reprogramming currently being prepared for submission to Congress; a \$5M below threshold increase from within the appropriation; and a \$1.4 million transfer into the program from the Defense Environmental Restoration account.

3. ELECTRONICS AND TELECOMMUNICATIONS EQUIPMENT (\$-74.5 MILLION). The net decrease results from: approved transfers to other accounts of \$63.9 million; reprogrammings proposing the transfer of \$7.6 million currently pending Congressional approval or being prepared for submission to Congress; a transfer of \$ 8 million from the Defense Environmental Restoration Account, and below threshold reprogrammings within the account (\$-3.7 million).
4. OTHER BASE MAINTENANCE AND SUPPORT EQUIPMENT (\$+16.2 MILLION). The net increase results from: proposed transfers into the account of \$22.8 million on a reprogramming currently being prepared for submission to Congress; approved transfers to other accounts of \$7.7 million; a \$2.1 million reduction because a planned reprogramming was not approved; and \$3.2 million in below threshold reprogramming increases from within the account.
5. REIMBURSABLE PROGRAM (\$+149.0 MILLION). The decrease of \$149.0 million is due to actual FY 1987 customer orders being less than the budget estimate.

COMPARISON OF FY 1987 FINANCING AS REFLECTED
 IN FY 1988 BUDGET WITH FY 1987 FINANCING AS
 SHOWN IN FY 1989 BUDGET

	(In Thousands of Dollars)			Increase (+) or Decrease (-)
	Financing Per FY 1988 Budget	Financing Per FY 1989 Budget		
Program Requirement	\$9,915,249	\$9,691,416		\$-223,833
Program Requirement (Service Account)	9,326,781	9,251,953		-74,828
Program Requirements (Reimbursable)	588,468	439,463		-149,005
Less:				
Anticipated Reimbursements	588,468	439,663		-149,005
Transferred from Other Accounts	12,315	28,030		+15,715
Add:				
Transferred to Other Accounts	11,860	102,403		+90,543
Appropriation	\$9,326,326	\$9,326,326		\$ -0-

EXPLANATION OF CHANGES IN FINANCING

The Fiscal Year 1987 program has decreased \$223,833 thousand since submission of the FY 1988 budget. Adjustments by category are explained below:

1. ANTICIPATED REIMBURSEMENTS. The decrease of \$149,005 thousand is due to actual FY 1987 customer orders being less than the budget estimate.
2. TRANSFERRED FROM OTHER ACCOUNTS. The decrease of \$15,715 thousand is due to DC Form 1415 Reprogramming Actions currently being prepared for submission to Congress.
3. TRANSFERRED TO OTHER ACCOUNTS. The increase of \$90,543 thousand is due to DC Form 1415 Reprogramming Actions already approved or currently being prepared for submission to Congress.