UNCLASSIFIED

DEPARTMENT OF THE AIR FORCE

PROCUREMENT PROGRAM

FISCAL YEARS 2004/2005
BUDGET ESTIMATES

OTHER PROCUREMENT

FEBRUARY 2003

UNCLASSIFIED

DEPARTMENT OF THE AIR FORCE
PROCUREMENT APPROPRIATION ESTIMATES
FOR FISCAL YEAR 2004/2005

Table of Contents

Tables of contents are provided for each of the budget activities at the appropriate tabs. The budget activities are as follows:

Vehicular Equipment
Electronics & Telecommunication Equipment
Other Base Maintenance and Support Equipment
Spares and Repair Parts

IDENTIFICATION CODES

Code "A" - Line items of material which have been approved for Air Force service use.
Code "B" - Line items of material that have not been approved for Service use

GLOSSARY

Contract Method

ALLOT - Allotment
C - Competitive
DO - Delivery Order
FCA - Fund Cite Authorization
MIPR - Military Interdepartmental Purchase Request
OA - Obligation Authority
OPT - Option
OTH - Other
PO - Project Order
REQN - Requisition
SS - Sole Source
WP - Work Project
MIPR-OPT - Military Interdepartmental Purchase Request - Option
MIPR-C - Military Interdepartmental Purchase Request - Competitive
MIPR-SS - Military Interdepartmental Purchase Request - Sole Source
MIPR-OTH - Military Interdepartmental Purchase Request - Other

Contract Type

FP - Fixed Price
FFP - Firm Fixed Price
FPIS - Fixed Price Incentive with Successive Targets
FPAF - Fixed Price Award Fee
FPE - Fixed Price with Escalation
FPIF - Fixed Price Incentive Fee
CPAF - Cost Plus Award Fee
CPFF - Cost Plus Fixed Fee
CPIF - Cost Plus Incentive Fee
ID/IQ - Indefinite Delivery/Indefinite Quantity
M-5 (Yr 1) - Multiyear, 5 years (Yr 1)
M-5 (Yr 2) - Multiyear, 5 years (Yr 2)
M-5 (Yr 3) - Multiyear, 5 years (Yr 3)
M-5 (Yr 4) - Multiyear, 5 years (Yr 4)
M-5 (Yr 5) - Multiyear 5 years (Yr 5)
OTH - Other

Contracted By

11 WING - 11th Support Wing, Washington, DC
ACC - Air Combat Command, Langley AFB, VA
AEDC - Arnold Engineering Development Center, Arnold AFB, TN
AAC – Air Armament Center, Eglin AFB, FL
AEDC – Arnold Engineering Development Center, Arnold AFB, TN
AETC - Air Education and Training Command, Randolph AFB, TX
AFCIC - Air Force Communications and Information Center, Washington, DC
AFCESA - Air Force Civil Engineering Support Agency, Tyndall AFB, FL

AFFTC - Air Force Flight Test Center, Edwards AFB, CA
AFMC - Air Force Materiel Command, Wright-Patterson AFB, OH
AFMETCAL - Air Force Metrology and Calibration Office, Heath, Ohio
AFMLO - Air Force Medical Logistics Office, Ft Detrick, MD
AIA - Air Intelligence Agency, Kelly AFB, TX
AMC - Air Mobility Command, Scott AFB, IL
ASC - Aeronautical Systems Center, Wright-Patterson AFB, OH & Eglin AFB, FL
AFWA - Air Force Weather Agency, Offutt AFB, NE
DGSC - Defense General Support Center, Richmond, VA
DPSC - Defense Personnel Support Center, Philadelphia, PA
ER - Eastern Range, Patrick AFB, FL
ESC - Electronic Systems Center, Hanscom AFB, MA
HSC - Human Services Center, Brook AFB, TX
OC-ALC - Oklahoma City Air Logistics Center, Tinker AFB, OK
OO-ALC - Ogden Air Logistics Center, Hill AFB, UT
SMC - Space & Missile Systems Center, Los Angeles AFB, CA
US STRATCOM - US Strategic Command, Offutt AFB, NE
WACC - Washington Area Contracting Center, Washington DC
WR - Western Range, Vandenberg AFB, CA
WR-ALC - Warner-Robins Air Logistics Center, Robins AFB, GA
AFSPC - Air Force Space Command, Peterson AFB, CO
HQ ANG - Headquarters, Air National Guard, Washington, DC
USAFE - United States Air Force Europe, Ramstein AB, GE
USAFA - United States Air Force Academy, Colorado Springs, CO
SSG - Standard Systems Group, Maxwell AFB-Gunter Annex, AL

Bases/Organizations

11 WING - 11th Support Wing
ACC - Air Combat Command

AETC - Air Education & Training Command
AFCAO - Air Force Computer Acquisition Office
AFCESA - Air Force Civil Engineering Support Agency
AFCIC - AF Communications & Information Center
AFCSC - Air Force Cryptologic Service Center
AFESC - Air Force Engineering Services Center
AFGWC - Air Force Global Weather Central
AFIT - Air Force Institute of Technology
AFMC - Air Force Materiel Command
AFMETCAL - Air Force Metrology and Calibration Office
AFMLO - Air Force Medical Logistics Office
AFNEWS - Air Force Information & News Service Center
AFOSI - Air Force Office of Special Investigation
AFOTEC - Air Force Operational Test & Evaluation Center
AFPC - Air Force Personnel Center
AFPSL - AF Primary Standards Lab
AFR - Air Force Reserve
AFSOC - AF Special Operations Command
AFSPC - Air Force Space Command
AIA - Air Intelligence Agency
AMC - Air Mobility Command
ANG - Air National Guard
AU - Air University
AWS - Air Weather Service
CIA - Central Intelligence Agency
DGSC - Defense General Support Center
DLA - Defense Logistics Center
DOE - Department of Energy
DSCC - Defense Supply Center, Columbus
DPSC - Defense Personnel Support Center

ER - Eastern Range
ESC - Electronic Systems Center
FAA - Federal Aviation Agency
FBI - Federal Bureau of Investigation
GSA - General Services Administration
JCS - Joint Chiefs of Staff
JCS - Johnson Space Center
NATO - North Atlantic Treaty Organization
NBS - National Bureau of Standards
PACAF - Pacific Air Forces
USAF - United States Air Force
USAFA - United States Air Force Academy
USAFE - United States Air Force Europe
USCENTCOM - United States Central Command
USEUCOM - United States European Command
USMC - United States Marine Corps
USSTRATCOM - United States Strategic Command
WPAFB - Wright-Patterson AFB, OH
WR - Western Range

APPROPRIATION LANGUAGE

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 therefor, not otherwise provided for; the purchase of passenger motor vehicles for replacement only, and the purchase of one vehicles required for physical security of personnel, notwithstanding price limitations applicable to passenger vehicles but not to exceed $243,000 per vehicle; 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, $11,583,659,000 to remain available for obligation until September 30, 2006.

DEPARTMENT OF THE AIR FORCE
OTHER PROCUREMENT APPROPRIATION ESTIMATES
FOR FISCAL YEAR 2004/2005

Table of Contents

VEHICULAR EQUIPMENT

DEPARTMENT OF THE AIR FORCE
OTHER PROCUREMENT APPROPRIATION ESTIMATES
FOR FISCAL YEAR 2004/2005

Table of Contents

VEHICULAR EQUIPMENT

DEPARTMENT OF THE AIR FORCE
OTHER PROCUREMENT APPROPRIATION ESTIMATES
FOR FISCAL YEAR 2004/2005

Table of Contents

ELECTRONICS & TELECOMMUNICATION EQUIPMENT

DEPARTMENT OF THE AIR FORCE
OTHER PROCUREMENT APPROPRIATION ESTIMATES
FOR FISCAL YEAR 2004/2005

Table of Contents

ELECTRONICS & TELECOMMUNICATION EQUIPMENT

DEPARTMENT OF THE AIR FORCE
OTHER PROCUREMENT APPROPRIATION ESTIMATES
FOR FISCAL YEAR 2004/2005

Table of Contents

OTHER BASE MAINTENANCE AND SUPPORT EQUIPMENT

DEPARTMENT OF THE AIR FORCE
OTHER PROCUREMENT APPROPRIATION ESTIMATES
FOR FISCAL YEAR 2004/2005

Table of Contents

SPARES AND REPAIR PARTS

APPN 16 OTHER PROCUREMENT - AF
BA 62 VEHICULAR EQUIPMENT

(DOLLAR VALUES IN TENTHS OF MILLIONS)

LINE NO	ITEM NOMENCLATURE	IDENT CODE	(DOLLARS) FY 194 UNIT COST	FY02 QTY	FY02 COST	FY03 QTY	FY03 COST	FY04 QTY	FY04 COST	FY05 QTY	FY05 COST	S E C
VEHICULAR EQUIPMENT												
PASSENGER CARRYING VEHICLES												
1	SEDAN, 4 DR 4X2	A		42	0.5	35	0.5					U
2	STATION WAGON, 4X2	A		4	0.1	28	0.5					U
3	BUSES	A		78	5.2	120	7.9					U
4	AMBULANCES	A		4	0.3	10	0.7					U
5	LAW ENFORCEMENT VEHICLE	A		77	1.6	70	1.9					U
6	ARMORED VEHICLE	A	243,000	3	0.6	2	0.5	1	0.2	1	0.2	U
7	PASSENGER CARRYING VEHICLE	A	44,725					269	12.0	283	13.2	U
CARGO + UTILITY VEHICLES												
8	TRUCK, CARGO-UTILITY, 3/4T,	A			4.6		9.6		15.5		6.5	U
9	TRUCK, CARGO-UTILITY, 3/4T,	A					5.1		5.4		2.5	U
10	TRUCK MAINT/UTILITY/DELIVER	A			9.0		10.4		10.2		8.9	U
11	TRUCK CARRYALL	A							9.6		4.0	U
12	FAMILY MEDIUM TACTICAL VEHI	A							5.7		11.9	U
13	HIGH MOBILITY VEHICLE (MYP	A			8.5		11.8		3.7		3.2	U
14	CAP VEHICLES	A			0.8		0.8		0.8		0.8	U
15	ITEMS LESS THAN $5,000,000	A			34.6		39.6		38.3		73.3	U
SPECIAL PURPOSE VEHICLES												
16	TRUCK TANK FUEL R-11	A							14.1		16.5	U
17	HMMWV, ARMORED	A			8.7		1.0		3.0		3.6	U
18	HMWWV, UP ARMORED	A					3.6		5.8		8.3	U
19	TRACTOR, A/C TOW, MB-2	A					2.7					U

* ITEMS UNDER $50,000

APPN 16 OTHER PROCUREMENT AF
BA 62 VEHICULAR EQUIPMENT

(DOLLAR VALUES IN TENTHS OF MILLIONS)

LINE NO	ITEM NOMENCLATURE	IDENT CODE	(DOLLARS) FY 194 UNIT COST	FY02 QTY	FY02 COST	FY03 QTY	FY03 COST	FY04 QTY	FY04 COST	FY05 QTY	FY05 COST	S E C
20	TRACTOR, A/C TOW, MB-4	A					6.1		3.8		5.1	U
21	TRACTOR, TOW, FLIGHTLINE	A			5.2		7.8		6.1		4.4	U
22	TRUCK HYDRANT FUEL	A			6.1		7.9		1.4		1.4	U
23	ITEMS LESS THAN $5,000,000 FIRE FIGHTING EQUIPMENT	A			21.7		21.1		24.0		57.4	U
24	TRUCK CRASH P-19	A							4.8		18.2	U
25	ITEMS LESS THAN $5,000,000 MATERIALS HANDLING EQUIPMENT	A			5.1		9.9		5.6		6.3	U
26	TRUCK, F/L 10,000 LB	A			5.5		14.4		8.5		15.3	U
27	TUNNER LOADER	A		44	91.4	38	83.5					U
28	HALVERSEN LOADER	A	644,633	109	52.8	86	49.1	30	19.3			U
29	ITEMS LESS THAN $5,000,000 BASE MAINTENANCE SUPPORT	A			4.3		10.8		9.4		6.6	U
30	LOADER, SCOOP	A			0.1				5.7		5.9	U
31	TRUCK, DUMP	A							5.0		8.8	U
32	RUNWAY SNOW REMOV AND CLEAN	A			14.0		15.3		16.3		53.2	U
33	MODIFICATIONS	A			0.9		5.0		0.6		0.3	U
34	ITEMS LESS THAN $5,000,000	A			12.8		24.1		12.3		42.0	U

* ITEMS UNDER $50,000

APPN 16 OTHER PROCUREMENT - AF
BA 63 ELECTRONICS + TELECOMMUNICATIONS EQ

(DOLLAR VALUES IN TENTHS OF MILLIONS)

LINE NO	ITEM NOMENCLATURE	IDENT CODE	(DOLLARS) FY 194 UNIT COST	FY02 QTY	FY02 COST	FY03 QTY	FY03 COST	FY04 QTY	FY04 COST	FY05 QTY	FY05 COST	S E C
ELECTRONICS + TELECOMMUNICATIONS EQ												
COMM SECURITY EQUIPMENT(COMSEC)												
35	COMSEC EQUIPMENT	A			53.4		34.4		30.4		61.3	U
36	MODIFICATIONS (COMSEC)	A			0.5		0.5				0.5	U
INTELLIGENCE PROGRAMS												
37	INTELLIGENCE TRAINING EQUIP	A			1.2		1.3		2.9		2.9	U
38	INTELLIGENCE COMM EQUIP	A			7.4		29.1		1.7		1.7	U
ELECTRONICS PROGRAMS												
39	AIR TRAFFIC CTRL/LAND SYS (	A			5.6		43.0		74.7		51.9	U
40	NATIONAL AIRSPACE SYSTEM	A			50.2		40.8		33.7		55.8	U
41	THEATER AIR CONTROL SYS IMP	A			19.3		24.9		29.8		45.9	U
42	WEATHER OBSERV/FORCAST	A			30.8		29.6		32.8		32.5	U
43	STRATEGIC COMMAND AND CONTR	A			19.6		23.7		43.1		48.7	U
44	CHEYENNE MOUNTAIN COMPLEX	A			34.2		17.4		20.6		17.8	U
45	TAC SIGINT SUPPORT	A			1.0		10.3		0.4		0.4	U
46	DRUG INTERDICTION PROGRAM	A			9.1				0.4		0.4	U
47	HIGH PERFORMANCE COMPUTING	A							48.9		50.3	U
SPECIAL COMM-ELECTRONICS PROJECTS												
48	GENERAL INFORMATION TECHNOL	A			66.5		89.0		119.5		77.5	U
49	AF GLOBAL COMMAND & CONTROL	A			14.5		27.9		23.5		19.2	U
50	MOBILITY COMMAND AND CONTRO	A			10.3		11.2		9.2		9.0	U
51	AIR FORCE PHYSICAL SECURITY	A			52.2		81.9		34.9		27.0	U
52	COMBAT TRAINING RANGES	A			109.6		40.7		23.4		38.3	U

* ITEMS UNDER $50,000

APPN 16 OTHER PROCUREMENT - AF
BA 63 ELECTRONICS + TELECOMMUNICATIONS EQ

(DOLLAR VALUES IN TENTHS OF MILLIONS)

LINE NO	ITEM NOMENCLATURE	IDENT CODE	(DOLLARS) FY 194 UNIT COST	FY02 QTY	FY02 COST	FY03 QTY	FY03 COST	FY04 QTY	FY04 COST	FY05 QTY	FY05 COST	S E C
53	MINIMUM ESSENTIAL EMERGENCY	A			2.0		1.1					U
54	C3 COUNTERMEASURES	A			9.4		17.2		11.6		11.9	U
55	GCSS-AF FOS	A			12.7		12.7		17.1		16.0	U
56	THEATER BATTLE MGT C2 SYS	A			45.7		55.7		50.8		54.2	U
57	AIR OPERATIONS CENTER (AOC) AIR FORCE COMMUNICATIONS	A							46.0		39.0	U
58	BASE INFORMATION INFRASTRUC	A			147.0		217.8		268.4		433.4	U
59	USCENTCOM	A			17.1		9.7		30.3		31.6	U
60	DEFENSE MESSAGE SYSTEM (DMS SPACE PROGRAMS	A			13.2		18.8		10.6		11.9	U
61	SPACE BASED IR SENSOR PROG	A							95.4			U
62	NAVSTAR GPS SPACE	A			3.8		13.0		10.3		10.3	U
63	NUDET DETECTION SYS (NDS) S	A			8.4		7.9		10.8		7.6	U
64	AF SATELLITE CONTROL NETWOR	A			28.3		44.6		48.2		44.1	U
65	SPACELIFT RANGE SYSTEM SPAC	A			128.4		102.4		80.6		106.8	U
66	MILSATCOM SPACE	A			15.2		21.5		42.3		131.1	U
67	SPACE MODS SPACE	A			28.5		14.5		30.7		16.9	U
68	COUNTERSPACE SYSTEMS ORGANIZATION AND BASE	A									9.9	U
69	TACTICAL C-E EQUIPMENT	A			99.1		133.1		158.3		123.8	U
70	COMBAT SURVIVOR EVADER LOCA	A					6.0		8.8		16.7	U
71	RADIO EQUIPMENT	A			13.8		10.5		8.7		8.8	U

* ITEMS UNDER $50,000

APPN 16 OTHER PROCUREMENT - AF
BA 63 ELECTRONICS + TELECOMMUNICATIONS EQ

(DOLLAR VALUES IN TENTHS OF MILLIONS)

LINE NO	ITEM NOMENCLATURE	IDENT CODE	(DOLLARS) FY 194 UNIT COST	FY02 QTY	FY02 COST	FY03 QTY	FY03 COST	FY04 QTY	FY04 COST	FY05 QTY	FY05 COST	S E C
72	TV EQUIPMENT (AFRTV)	A			2.6		2.6		2.6		2.6	U
73	CCTV/AUDIOVISUAL EQUIPMENT	A			3.2		3.2		3.2		3.3	U
74	BASE COMM INFRASTRUCTURE	A			74.5		191.8		160.6		123.3	U
75	CAP COM & ELECT	A			7.0							U
76	ITEMS LESS THAN $5,000,000 MODIFICATIONS	A			8.5		6.4		6.0		6.0	U
77	COMM ELECT MODS	A			41.6		60.0		38.7		23.8	U

* ITEMS UNDER $50,000

APPN 16 OTHER PROCUREMENT - AF
BA 64 OTHER BASE MAINTENANCE + SUPPORT EQ

(DOLLAR VALUES IN TENTHS OF MILLIONS)

LINE NO	ITEM NOMENCLATURE	IDENT CODE	(DOLLARS) FY 194 UNIT COST	FY02 QTY	FY02 COST	FY03 QTY	FY03 COST	FY04 QTY	FY04 COST	FY05 QTY	FY05 COST	S E - C
OTHER BASE MAINTENANCE + SUPPORT EQ TEST EQUIPMENT												
78	BASE/ALC CALIBRATION PACKAG	A			11.9		13.7		13.5		15.4	U
79	PRIMARY STANDARDS LABORATOR	A			1.1		1.1		1.1		1.1	U
80	ITEMS LESS THAN $5,000,000 PERSONAL SAFETY AND RESCUE EQUIP	A			8.5		8.0		9.4		10.3	U
81	NIGHT VISION GOGGLES	A			3.7		9.4		5.3		5.4	U
82	ITEMS LESS THAN $5,000,000 BASE INDUSTRIAL SUPPORT EQUIPMENT	A			7.9		17.1		7.4		4.3	U
83	MECHANIZED MATERIAL HANDLIN	A			19.3		30.9		13.9		14.3	U
84	ITEMS LESS THAN $5,000,000 ELECTRICAL EQUIPMENT	A			9.4		12.1		11.7		11.8	U
85	FLOODLIGHTS	A			9.5		10.9		5.6		4.4	U
86	ITEMS LESS THAN $5,000,000 BASE SUPPORT EQUIPMENT	A			6.0		6.1		9.6		10.1	U
87	BASE PROCURED EQUIPMENT	A			11.8		14.7		9.6		8.7	U
88	MEDICAL/DENTAL EQUIPMENT	A			15.3		13.9		13.9		14.1	U
89	ENVIRONMENTAL PROJECTS	A			0.9		0.8		0.7		0.8	U
90	AIR BASE OPERABILITY	A			5.9		5.6		5.5		5.5	U
91	PHOTOGRAPHIC EQUIPMENT	A			5.8		5.8		5.7		5.9	U
92	PRODUCTIVITY ENHANCING CAPI	A			7.9		7.7		6.2		5.7	U
93	MOBILITY EQUIPMENT	A			40.3		102.0		93.0		321.8	U
94	AIR CONDITIONERS	A			9.9		9.5		10.2		9.3	U
95	ITEMS LESS THAN $5,000,000	A			16.0		20.6		14.9		17.1	U

* ITEMS UNDER $50,000

APPN 16 OTHER PROCUREMENT - AF
BA 64 OTHER BASE MAINTENANCE & SUPPORT EQ

(DOLLAR VALUES IN TENTHS OF MILLIONS)

LINE NO	ITEM NOMENCLATURE	IDENT CODE	(DOLLARS) FY 194 UNIT COST	FY02 QTY	FY02 COST	FY03 QTY	FY03 COST	FY04 QTY	FY04 COST	FY05 QTY	FY05 COST	S E C
SPECIAL SUPPORT PROJECTS												
96	PRODUCTION ACTIVITIES	A			58.3		46.7		50.4		56.3	U
97	TECH SURV COUNTERMEASURES E	A			4.2		4.0		4.0		4.1	U
98	DARP RC135	A			14.1		13.0		16.8		18.0	U
99	DARP, MRIGS	A			88.5		114.7		99.9		286.6	U
100	SELECTED ACTIVITIES	A			7319.6		8057.1		8981.7		9476.9	U
101	SPECIAL UPDATE PROGRAM	A			164.3		187.1		220.2		218.4	U
102	DEFENSE SPACE RECONNAISSANC	A			6.8		6.6		14.1		14.3	U
103	INDUSTRIAL PREPAREDNESS	A			0.8							U
104	MODIFICATIONS	A			0.1		0.2		0.2		0.2	U
105	FIRST DESTINATION TRANSPORT	A			7.2		9.7		5.0		5.8	U

* ITEMS UNDER $50,000

EXHIBIT P-1 USAF FORCE AND FINANCIAL PROGRAM

APPN 16 OTHER PROCUREMENT - AF
BA 65 SPARES AND REPAIR PARTS

(DOLLAR VALUES IN TENTHS OF MILLIONS)

LINE NO	ITEM NOMENCLATURE	IDENT CODE	(DOLLARS) FY 194 UNIT COST	FY02 QTY	FY02 COST	FY03 QTY	FY03 COST	FY04 QTY	FY04 COST	FY05 QTY	FY05 COST	S R C
SPARES AND REPAIR PARTS												
SPARES AND REPAIR PARTS												
106	SPARES AND REPAIR PARTS	A			35.3		41.0		36.6		41.6	U
	TOTAL OTHER PROCUREMENT - AF				9380.2		10577.7		11583.7		12740.1	

* ITEMS UNDER $50,000

EXHIBIT P-1 USAF FORCE AND FINANCIAL PROGRAM

APPN A1 PROCUREMENT OF AMMUNITION
BA A1 AMMUNITION

(DOLLAR VALUES IN TENTHS OF MILLIONS)

LINE NO	ITEM NOMENCLATURE	IDENT CODE	(DOLLARS) FY 194 UNIT COST	FY02 QTY	FY02 COST	FY03 QTY	FY03 COST	FY04 QTY	FY04 COST	FY05 QTY	FY05 COST	S E C
BA												
TOTAL OTHER PROCUREMENT - AF					9380.2		10577.7		11583.7		12740.1	

* ITEMS UNDER $50,000

BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)	DATE: FEBRUARY 2003
APPROP CODE/BA: OPAF/VEHICULAR EQUIPMENT	**P-1 NOMENCLATURE:** ARMORED VEHICLES

	FY2002	FY2003	FY2004	FY2005	FY2006	FY2007	FY2008	FY2009
QUANTITY	3	2	1	1	1	1	1	1
COST (in Thousands)	$598	$460	$243	$242	$241	$241	$246	$250

Description:

The Air Force Office of Special Investigations (AFOSI) has responsibility for non-tactical Heavy Armored Vehicles (HAVs) for the U.S. Air Force. The HAVs are used during Protective Service Operations (PSO) to transport permanent party, visiting senior U.S. military and DoD civilian officials, as well as senior U.S. executive and legislative branch dignitaries, within designated high terrorist threat areas. Examples of people supported: The President of the United States, members of Congress, the Secretary of Defense, Under Secretaries of Defense and AF, Secretary of the Air Force, Secretary of the Army, Chief of Staff of the Air Force, Vice Chief of Staff of the Air Force, Army Chief of Staff, and other U.S. military command officials.

HAV requirements are determined from threat assessment and vulnerability surveys of terrorist threats which are fully investigated and validated by U.S./foreign, federal and military (e.g. CIA and DoD) counterintelligence and anti-terrorism experts. Based on the current threat assessment, AFOSI continues to have a validated global requirement for 13 HAVs. All the vehicles are located overseas. AFOSI has sole responsibility for the Air Force HAV assets and maintains a rapidly aging fleet.

Vehicles with factory installed armor include a strengthened suspension and brakes required to hold the weight of armor, as well as a warranty. Purchasing HAVs with factory installed armoring reduces the risk of mechanical and armoring problems known to occur with after market modified HAVs.

Items requested in FY04 are identified on the P40A and are representative of items to be procured. Items procured during execution may change based on critical equipment needed to support current Air Force mission requirements.Our total inventory objective for Armored Vehicles is 13. Our current procurement requirement for shortages/replacements is 4. Fiscal constraints limit FY04 purchase to 1.

BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITEMS (EXHIBIT P- 40A)	DATE: FEBRUARY 2003
APPROP CODE/BA: OPAF/VEHICULAR EQUIPMENT	**P-1 NOMENCLATURE:** ARMORED VEHICLES

PROCUREMENT ITEMS	ID CODE	FY2002		FY2003		FY2004		FY2005	
		QTY.	COST	QTY.	COST	QTY.	COST	QTY.	COST
ARMORED SEDAN GERMANY (BPAC 1702)	A	3	$598	2	$460	1	$243	1	$242
Totals:		3	$598	2	$460	1	$243	1	$242

Remarks:

	P-1 ITEM NO 6		PAGE NO: 2		Page 1 of 1

BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P- 5A)	DATE: FEBRUARY 2003
APPROP CODE/BA: OPAF/VEHICULAR EQUIPMENT	**P-1 NOMENCLATURE:** ARMORED VEHICLES

ITEM / FISCAL YEAR	QTY.	UNIT COST	LOCATION OF PCO	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWD. DATE	DATE FIRST DEL.	SPECS AVAIL NOW	DATE REV. AVAIL
ARMORED SEDAN GERMANY (BPAC 1702)									
FY02	3	199,333	AFMC/WR-ALC	FCA/FFP	DAIMLER/CHRYSLER BERLIN, GERMANY	JUL 02	DEC 02		
FY03	2	230,000	AFMC/WR-ALC	FCA/FFP	DAIMLER/CHRYSLER BERLIN, GERMANY	JUL 03	DEC 03	Y	
FY04	1	243,000	AFMC/WR-ALC	FCA/FFP	(UNKNOWN)	JUL 04	DEC 04	Y	
FY05	1	242,000	AFMC/WR-ALC	FCA/FFP	(UNKNOWN)	JUL 05	DEC 05	Y	

REMARKS:
* Procurement conducted through various vendors based on locality needs and specific requirements. Vendors such as Mercedes, BMW, and US companies used.

	P-1 ITEM NO 6		PAGE NO: 3		Page 1 of 1

BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)	DATE: FEBRUARY 2003
APPROP CODE/BA: OPAF/VEHICULAR EQUIPMENT	**P-1 NOMENCLATURE:** PASSENGER CARRYING VEHICLES

	FY2002	FY2003	FY2004	FY2005	FY2006	FY2007	FY2008	FY2009
QUANTITY			269	283	307	319	341	364
COST (in Thousands)	$0	$0	$12,031	$13,152	$14,549	$14,228	$14,252	$15,214

Description:

Passenger Carrying Vehicles includes the procurement of Sedans, Station Wagons, Buses, Law Enforcement Sedans, and Ambulances. Their use is general in nature from installation to installation, providing transportation for all levels of personnel to attend meetings, functions, and everyday use of travel on/off base. These vehicles are used to transport personnel in performance of official duties and for specific functions such as large scale personnel movement, medical emergency response, Law Enforcement, force protection, aircrew / missile crew transportation, and base supply.

Failure to provide these vehicles will reduce support to a wide spectrum of Air Force peacetime taskings and wartime mission requirements.

In FY02 & FY03, passenger carrying vehicle types were separate P-1 lines; funding and quantity requirements were provided on individual P-40 documents for each type passenger carrying vehicle. The Air Force is procuring the following types and quantities of vehicles in FY04 and FY05:

Vehicle Type	FY04	FY05
Sedans	38	55
Station Wagons	30	22
Buses	117	108
Ambulances	22	45
Law Enforcement Vehicles	62	53

Items requested in FY04 are identified on the following P-40a and are representative of Items to be procured. Items procured during execution may change based on critical equipment needed to support current Air Force mission requirements. Our total inventory objective for Passenger Carrying Vehicles is 3,981. Our current procurement requirement for shortages/replacements is 2092. Funding constraints limit our FY04 purchase to 269.

BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITEMS (EXHIBIT P- 40A)	DATE: FEBRUARY 2003
APPROP CODE/BA: OPAF/VEHICULAR EQUIPMENT	**P-1 NOMENCLATURE:** PASSENGER CARRYING VEHICLES

PROCUREMENT ITEMS	ID CODE	FY2002		FY2003		FY2004		FY2005	
		QTY.	COST	QTY.	COST	QTY.	COST	QTY.	COST
MIDSIZE SEDAN, UNITED STATES (BPAC 1802)	A							11	$193
MIDSIZE SEDAN, USAFE (BPAC 1805)	A					2	$51		
L.E. SEDAN, UNITED STATES (BPAC 1811)	A					44	$842	39	$761
L.E. SEDAN, JAPAN (BPAC 1812)	A					3	$40	4	$55
L.E. SEDAN, ITALY (BPAC 1815)	A					3	$65		
L.E. SEDAN, UNITED STATES (BPAC 1817)	A					12	$302	10	$257
STATION WAGON, UNITED STATES (BPAC 1821)	A					21	$400	20	$389
STATION WAGON, JAPAN (BPAC 1822)	A					9	$119	2	$27
COMPACT SEDAN, UNITED STATES (BPAC 180A)	A					9	$125	39	$537
COMPACT SEDAN, JAPAN (BPAC 180B)	A					6	$65	2	$23
COMPACT SEDAN, ITALY (BPAC 180D)	A					5	$71		
COMPACT SEDAN, OFFICE OF SPECIAL INVESTIGATIONS (OSI) (BPAC 180J)	A					14	$264		
SUBCOMPACT SEDAN, UNITED STATES (BPAC 180S)	A					2	$53	3	$83
BUS, 41 PAX US (BPAC 1831)	A					1	$301	2	$615
BUS 48 PAX GE (BPAC 1832)	A					1	$423		
BUS, 16 PAX CNG US (BPAC 1833)	A					3	$160		
BUS, 16 PAX US (BPAC 1834)	A					7	$349	7	$356
BUS, 16 PAX JAPAN (BPAC 1835)	A					2	$72		
BUS, 28 PAX (BPAC 183B)	A					52	$3,166	42	$2,596

	P-1 ITEM NO 7		PAGE NO: 5		Page 1 of 2

BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITEMS (EXHIBIT P- 40A) | **DATE:** FEBRUARY 2003

APPROP CODE/BA:
OPAF/VEHICULAR EQUIPMENT

P-1 NOMENCLATURE:
PASSENGER CARRYING VEHICLES

PROCUREMENT ITEMS	ID CODE	FY2002		FY2003		FY2004		FY2005	
		QTY.	COST	QTY.	COST	QTY.	COST	QTY.	COST
BUS, 28 PAX US CNG (BPAC 183C)	A					3	$242	2	$164
BUS, 28 PAX JAPAN (BPAC 183E)	A					2	$139		
BUS, 44 PAX US (BPAC 183K)	A					30	$1,860	46	$2,903
BUS, 44 PAX US CNG (BPAC 183M)	A					4	$371		
BUS, 44 PAX JAPAN (183N)	A					4	$277	4	$283
BUS, 44 PAX MED US (BPAC 183P)	A					6	$489	3	$250
BUS, 23 PAX SURREY (BPAC 183R)	A					2	$120	2	$122
AMB, 44 PAX CONV US (BPAC 1841)	A					6	$523	18	$1,601
AMB, MOD 4X4 (BPAC 1842)	A					14	$997	22	$1,599
AMB, MOD 4X4 JAPAN (BPAC 1843)	A					1	$79		
AMB, MOD 4X2 US (BPAC 1844)	A					1	$66	5	$338
Totals:						269	$12,031	283	$13,152

Remarks:

	P-1 ITEM NO		PAGE NO:		Page 2 of 2
	7		6		

BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P- 5A)	DATE: FEBRUARY 2003
APPROP CODE/BA: OPAF/VEHICULAR EQUIPMENT	**P-1 NOMENCLATURE:** PASSENGER CARRYING VEHICLES

ITEM / FISCAL YEAR	QTY.	UNIT COST	LOCATION OF PCO	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWD. DATE	DATE FIRST DEL.	SPECS AVAIL NOW	DATE REV. AVAIL
MIDSIZE SEDAN, UNITED STATES (BPAC 1802)									
FY05	11	17,575	AFMC/WR-ALC	MIPR/FFP W/OPT	GSA (UNKNOWN)	MAR 05	JUL 05	Y	
MIDSIZE SEDAN, USAFE (BPAC 1805)									
FY04	2	25,254	AFMC/WR-ALC	FCA/FFP	GSA (UNKNOWN)	MAR 04	OCT 04	Y	
L.E. SEDAN, UNITED STATES (BPAC 1811)									
FY04	44	19,129	AFMC/WR-ALC	MIPR/FFP W/OPT	GSA (UNKNOWN)	JAN 04	MAY 04	Y	
FY05	39	19,525	AFMC/WR-ALC	MIPR/FFP W/OPT	GSA (UNKNOWN)	JAN 05	MAY 05	Y	
L.E. SEDAN, JAPAN (BPAC 1812)									
FY04	3	13,465	AFMC/WR-ALC	MIPR/FFP W/OPT	NAVY (UNKNOWN)	JAN 04	JUN 04	Y	
FY05	4	13,708	AFMC/WR-ALC	MIPR/FFP W/OPT	NAVY (UNKNOWN)	JAN 05	JUN 05	Y	
L.E. SEDAN, ITALY (BPAC 1815)									
FY04	3	21,529	AFMC/WR-ALC	FCA/FFP	USAFE (UNKNOWN)	JAN 04	JUN 04	Y	
L.E. SEDAN, UNITED STATES (BPAC 1817)									

	P-1 ITEM NO 7		PAGE NO: 7		Page 1 of 7

BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P- 5A)	DATE: FEBRUARY 2003
APPROP CODE/BA: OPAF/VEHICULAR EQUIPMENT	**P-1 NOMENCLATURE:** PASSENGER CARRYING VEHICLES

ITEM / FISCAL YEAR	QTY.	UNIT COST	LOCATION OF PCO	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWD. DATE	DATE FIRST DEL.	SPECS AVAIL NOW	DATE REV. AVAIL
FY04	12	25,188	AFMC/WR-ALC	MIPR/FFP W/OPT	GSA (UNKNOWN)	JAN 04	JUN 04	Y	
FY05	10	25,719	AFMC/WR-ALC	MIPR/FFP W/OPT	GSA (UNKNOWN)	JAN 05	JUN 05	Y	
STATION WAGON, UNITED STATES (BPAC 1821)									
FY04	21	19,058	AFMC/WR-ALC	MIPR/FFP W/OPT	GSA (UNKNOWN)	JAN 04	JUN 04	Y	
FY05	20	19,458	AFMC/WR-ALC	MIPR/FFP W/OPT	GSA (UNKNOWN)	JAN 05	JUN 05	Y	
STATION WAGON, JAPAN (BPAC 1822)									
FY04	9	13,249	AFMC/WR-ALC	MIPR/FFP W/OPT	NAVY (UNKNOWN)	JAN 04	JUN 04	Y	
FY05	2	13,529	AFMC/WR-ALC	MIPR/FFP W/OPT	NAVY (UNKNOWN)	JAN 05	JUN 05	Y	
COMPACT SEDAN, UNITED STATES (BPAC 180A)									
FY04	9	13,889	AFMC/WR-ALC	MIPR/FFP W/OPT	GSA (UNKNOWN)	JAN 04	JUN 04	Y	
FY05	39	13,768	AFMC/WR-ALC	MIPR/FFP W/OPT	GSA (UNKNOWN)	JAN 05	JUN 05	Y	
COMPACT SEDAN, JAPAN (BPAC 180B)									
FY04	6	10,830	AFMC/WR-ALC	MIPR/FFP	NAVY (UNKNOWN)	JAN 04	MAY 04	Y	
FY05	2	11,454	AFMC/WR-ALC	MIPR/FFP	NAVY (UNKNOWN)	JAN 05	MAY 05	Y	

	P-1 ITEM NO 7		PAGE NO: 8		Page 2 of 7

BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P- 5A)	DATE: FEBRUARY 2003
APPROP CODE/BA: OPAF/VEHICULAR EQUIPMENT	**P-1 NOMENCLATURE:** PASSENGER CARRYING VEHICLES

ITEM / FISCAL YEAR	QTY.	UNIT COST	LOCATION OF PCO	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWD. DATE	DATE FIRST DEL.	SPECS AVAIL NOW	DATE REV. AVAIL
COMPACT SEDAN, ITALY (BPAC 180D)									
FY04	5	14,240	AFMC/WR-ALC	FCA/FFP	USAFE (UNKNOWN)	JAN 04	JUN 04	Y	
COMPACT SEDAN, OFFICE OF SPECIAL INVESTIGATIONS (OSI) (BPAC 180J)									
FY04	14	18,857	AFMC/WR-ALC	FCA/FFP	GSA (UNKNOWN)	JAN 04	JUN 04	Y	
SUBCOMPACT SEDAN, UNITED STATES (BPAC 180S)									
FY04	2	26,525	AFMC/WR-ALC	FCA/FFP	HQ ACC (UNKNOWN)	JAN 04	JUN 04	Y	
FY05	3	27,575	AFMC/WR-ALC	MIPR/FFP W/OPT	GSA (UNKNOWN)	JAN 05	MAY 05	Y	
BUS, 41 PAX US (BPAC 1831)									
FY04	1	301,213	AFMC/WR-ALC	MIPR/IDIQ	GSA (UNKNOWN)	MAR 04	SEP 05	Y	
FY05	2	307,458	AFMC/WR-ALC	MIPR/IDIQ	GSA (UNKNOWN)	MAR 05	SEP 05	Y	
BUS 48 PAX GE (BPAC 1832)									

	P-1 ITEM NO 7		PAGE NO: 9		Page 3 of 7

BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P- 5A)	DATE: FEBRUARY 2003
APPROP CODE/BA: OPAF/VEHICULAR EQUIPMENT	**P-1 NOMENCLATURE:** PASSENGER CARRYING VEHICLES

ITEM / FISCAL YEAR	QTY.	UNIT COST	LOCATION OF PCO	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWD. DATE	DATE FIRST DEL.	SPECS AVAIL NOW	DATE REV. AVAIL
FY04	1	422,696	AFMC/WR-ALC	OA/FFP	GSA (UNKNOWN)	APR 04	AUG 04	Y	
BUS, 16 PAX CNG US (BPAC 1833)									
FY04	3	53,466	AFMC/WR-ALC	MIPR/IDIQ	GSA (UNKNOWN)	FEB 04	JUN 04	Y	
BUS, 16 PAX US (BPAC 1834)									
FY04	7	49,833	AFMC/WR-ALC	MIPR/IDIQ	GSA (UNKNOWN)	APR 04	AUG 04	Y	
FY05	7	50,866	AFMC/WR-ALC	MIPR/IDIQ	GSA (UNKNOWN)	APR 05	AUG 05	Y	
BUS, 16 PAX JAPAN (BPAC 1835)									
FY04	2	35,966	AFMC/WR-ALC	MIPR/FFP	NAVY (UNKNOWN)	APR 04	AUG 04	Y	
BUS, 28 PAX (BPAC 183B)									
FY04	52	60,885	AFMC/WR-ALC	MIPR/IDIQ	GSA (UNKNOWN)	MAR 04	AUG 04	Y	
FY05	42	61,810	AFMC/WR-ALC	MIPR/IDIQ	GSA (UNKNOWN)	MAR 05	AUG 05	Y	
BUS, 28 PAX US CNG (BPAC 183C)									

BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P- 5A) | **DATE:** FEBRUARY 2003

APPROP CODE/BA: OPAF/VEHICULAR EQUIPMENT

P-1 NOMENCLATURE: PASSENGER CARRYING VEHICLES

ITEM / FISCAL YEAR	QTY.	UNIT COST	LOCATION OF PCO	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWD. DATE	DATE FIRST DEL.	SPECS AVAIL NOW	DATE REV. AVAIL
FY04	3	80,617	AFMC/WR-ALC	MIPR/IDIQ	GSA (UNKNOWN)	FEB 04	JUN 04	Y	
FY05	2	82,181	AFMC/WR-ALC	MIPR/IDIQ	GSA (UNKNOWN)	FEB 05	JUN 05	Y	
BUS, 28 PAX JAPAN (BPAC 183E)									
FY04	2	69,484	AFMC/WR-ALC	MIPR/FFP	NAVY (UNKNOWN)	FEB 04	JUN 04	Y	
BUS, 44 PAX US (BPAC 183K)									
FY04	30	61,985	AFMC/WR-ALC	MIPR/IDIQ	GSA (UNKNOWN)	MAR 04	SEP 04	Y	
FY05	46	63,117	AFMC/WR-ALC	MIPR/IDIQ	GSA (UNKNOWN)	MAR 05	SEP 05		
BUS, 44 PAX US CNG (BPAC 183M)									
FY04	4	92,756	AFMC/WR-ALC	MIPR/IDIQ	GSA (UNKNOWN)	MAR 04	JUL 04	Y	
BUS, 44 PAX JAPAN (183N)									
FY04	4	69,273	AFMC/WR-ALC	MIPR/FFP	NAVY (UNKNOWN)	FEB 04	JUN 04	Y	
FY05	4	70,726	AFMC/WR-ALC	MIPR/FFP	NAVY (UNKNOWN)	FEB 05	JUN 05	Y	

	P-1 ITEM NO		PAGE NO:		Page 5 of 7
	7		11		

BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P- 5A)	DATE: FEBRUARY 2003
APPROP CODE/BA: OPAF/VEHICULAR EQUIPMENT	**P-1 NOMENCLATURE:** PASSENGER CARRYING VEHICLES

ITEM / FISCAL YEAR	QTY.	UNIT COST	LOCATION OF PCO	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWD. DATE	DATE FIRST DEL.	SPECS AVAIL NOW	DATE REV. AVAIL
BUS, 44 PAX MED US (BPAC 183P)									
FY04	6	81,513	AFMC/WR-ALC	MIPR/IDIQ	GSA (UNKNOWN)	MAR 04	JUN 04	Y	
FY05	3	83,204	AFMC/WR-ALC	MIPR/IDIQ	GSA (UNKNOWN)	MAR 05	JUN 05	Y	
BUS, 23 PAX SURREY (BPAC 183R)									
FY04	2	59,993	AFMC/WR-ALC	MIPR/IDIQ	GSA (UNKNOWN)	MAR 04	JUN 04	Y	
FY05	2	61,237	AFMC/WR-ALC	MIPR/IDIQ	GSA (UNKNOWN)	MAR 05	JUN 05	Y	
AMB, 44 PAX CONV US (BPAC 1841)									
FY04	6	87,097	AFMC/WR-ALC	MIPR/IDIQ	GSA (UNKNOWN)	APR 04	SEP 04	Y	
FY05	18	88,938	AFMC/WR-ALC	MIPR/IDIQ	GSA (UNKNOWN)	APR 05	SEP 05	Y	
AMB, MOD 4X4 (BPAC 1842)									
FY04	14	71,201	AFMC/WR-ALC	MIPR/IDIQ	GSA (UNKNOWN)	APR 04	AUG 04	Y	
FY05	22	72,677	AFMC/WR-ALC	MIPR/IDIQ	GSA (UNKNOWN)	APR 05	AUG 05	Y	

	P-1 ITEM NO 7		PAGE NO: 12		Page 6 of 7

BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P- 5A)	DATE: FEBRUARY 2003
APPROP CODE/BA: OPAF/VEHICULAR EQUIPMENT	**P-1 NOMENCLATURE:** PASSENGER CARRYING VEHICLES

ITEM / FISCAL YEAR	QTY.	UNIT COST	LOCATION OF PCO	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWD. DATE	DATE FIRST DEL.	SPECS AVAIL NOW	DATE REV. AVAIL
AMB, MOD 4X4 JAPAN (BPAC 1843)									
FY04	1	78,566	AFMC/WR-ALC	MIPR/FFP	NAVY (UNKNOWN)	APR 04	SEP 04	Y	
AMB, MOD 4X2 US (BPAC 1844)									
FY04	1	66,241	AFMC/WR-ALC	MIPR/IDIQ	GSA (UNKNOWN)	MAR 04	SEP 04	Y	
FY05	5	67,630	AFMC/WR-ALC	MIPR/IDIQ	GSA (UNKNOWN)	MAR 05	SEP 05	Y	

REMARKS:

BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)	DATE: FEBRUARY 2003
APPROP CODE/BA: OPAF/VEHICULAR EQUIPMENT	**P-1 NOMENCLATURE:** TRUCK, CARGO-UTILITY, 3/4T, 4x4

	FY2002	FY2003	FY2004	FY2005	FY2006	FY2007	FY2008	FY2009
QUANTITY								
COST (in Thousands)	$4,641	$9,592	$15,515	$6,472	$7,677	$7,610	$9,220	$6,033

Description:

Truck, Cargo-Utility, 3/4 Ton, 4x4 is a commercial four-door, six passenger cargo truck which equips our forces with a four-wheel-drive, automatic transmission vehicle. It permits crews and large cargo to travel together to off-highway sites. It has the capability for handling the more austere and rugged taskings. Four-wheel-drive capability is critical to off-highway winter operations to isolated missile, communications, weather and radar sites. It is primarily used by the Mobility Engineering Installation and Combat Communication Squadrons. This vehicle is used in support of world wide contingency situations as well as training and exercise missions. It is also used in direct operational support of Strategic Weapons Systems (silo crew changes), Fighter and Bomber Aircraft Crews. The Security Forces use it in a force protection role. Failure to fund sufficient quantities of this type vehicle would mean inadequate support for the Missile Maintenance Squadrons whose personnel must travel many unpaved roads to reach their designated sites. It would further lead to a lack of transportation for personnel and equipment necessary to maintain the needed cables between the missile launch and missile alert facilities, ensuring the integrity of the entire missile system.

These types of items, contained within this P-1 line, are critical (deployed) assets used in direct support of Air Force units engaged in Operations Enduring Freedom (OEF) and Noble Eagle (ONE). FY04 increase is primarily due to units deployed in austere locations supporting ONE/OEF requiring 4 wheel drive vehicles.

Items requested in FY04 are identified on the P-40A and are representative of items to be procured. Items procured during execution may change based on critical equipment needed to support current Air Force mission requirements. Our total inventory objective for this truck is 3615. Our current procurement requirement for shortages/replacements is 1706. Fiscal constraints limit FY04 purchase to 480.

BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITEMS (EXHIBIT P- 40A)	DATE: FEBRUARY 2003
APPROP CODE/BA: OPAF/VEHICULAR EQUIPMENT	**P-1 NOMENCLATURE:** TRUCK, CARGO-UTILITY, 3/4T, 4x4

PROCUREMENT ITEMS	ID CODE	FY2002		FY2003		FY2004		FY2005	
		QTY.	COST	QTY.	COST	QTY.	COST	QTY.	COST
US GAS/DIESEL (BPAC 2061)	A	89	$2,512	264	$7,539	415	$13,346	164	$5,363
JAPAN GAS (BPAC 2062)	A	11	$186	16	$242	11	$165	18	$276
US BIFUEL (BPAC 2064)	A	52	$1,943	47	$1,811	54	$2,004	22	$833
Totals:		152	$4,641	327	$9,592	480	$15,515	204	$6,472

Remarks:

	P-1 ITEM NO 8		PAGE NO: 15		Page 1 of 1

BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P- 5A)	DATE: FEBRUARY 2003
APPROP CODE/BA: OPAF/VEHICULAR EQUIPMENT	**P-1 NOMENCLATURE:** TRUCK, CARGO-UTILITY, 3/4T, 4x4

ITEM / FISCAL YEAR	QTY.	UNIT COST	LOCATION OF PCO	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWD. DATE	DATE FIRST DEL.	SPECS AVAIL NOW	DATE REV. AVAIL
US GAS/DIESEL (BPAC 2061)									
FY02	89	28,224	AFMC/WR-ALC	MIPR/IDIQ	GSA (FORD) DEARBORN MI	APR 02	JUL 02		
FY03	264	28,556	AFMC/WR-ALC	MIPR/IDIQ	GSA (UNKNOWN)	APR 03	JUL 03	Y	
FY04	415	32,159	AFMC/WR-ALC	MIPR/IDIQ	GSA (UNKNOWN)	FEB 04	MAY 04	Y	
FY05	164	32,701	AFMC/WR-ALC	MIPR/IDIQ	GSA (UNKNOWN)	FEB 05	MAY 05	Y	
JAPAN GAS (BPAC 2062)									
FY02	11	16,877	AFMC/WR-ALC	MIPR/IDIQ	NAVY (TOYOTA)TOKYO, JAPAN	SEP 02	JAN 03		
FY03	16	15,148	AFMC/WR-ALC	MIPR/IDIQ	NAVY (UNKNOWN) TOKYO, JAPAN	JUN 03	SEP 03	Y	
FY04	11	15,029	AFMC/WR-ALC	MIPR/IDIQ	NAVY (UNKNOWN) TOKYO, JAPAN	JUN 04	SEP 04	Y	
FY05	18	15,341	AFMC/WR-ALC	MIPR/IDIQ	NAVY (UNKNOWN) TOKYO, JAPAN	JUN 05	SEP 05	Y	
US BIFUEL (BPAC 2064)									
FY02	52	37,365	AFMC/WR-ALC	MIPR/IDIQ	GSA (GMC) DETROIT MI	FEB 02	MAY 02		
FY03	47	38,538	AFMC/WR-ALC	MIPR/IDIQ	GSA (UNKNOWN)	JUN 03	SEP 03	Y	
FY04	54	37,104	AFMC/WR-ALC	MIPR/IDIQ	GSA (UNKNOWN)	JUN 04	SEP 04	Y	
FY05	22	37,874	AFMC/WR-ALC	MIPR/IDIQ	GSA (UNKNOWN)	JUN 05	SEP 05	Y	

REMARKS:

	P-1 ITEM NO 8		PAGE NO: 16		Page 1 of 1

BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)	DATE: FEBRUARY 2003
APPROP CODE/BA: OPAF/VEHICULAR EQUIPMENT	**P-1 NOMENCLATURE:** TRUCK, CARGO-UTILITY, 3/4T, 4x2

	FY2002	FY2003	FY2004	FY2005	FY2006	FY2007	FY2008	FY2008
QUANTITY								
COST (in Thousands)	$0	$5,114	$5,374	$2,522	$2,636	$3,668	$4,988	$3,862

Description:

Truck, Cargo-Utility, 3/4 Ton, 4X2 is a commercial four-door, six passenger cargo truck which equips our forces with a two-wheel-drive automatic transmission vehicle. This vehicle is operated on a base where off-highway, four wheel drive capability is not required. It permits crews and cargo to travel together to assigned work-sites. It is used in direct support of weapons systems such as missiles, strategic aircraft and tactical fighter aircraft. For the Air National Guard, this vehicle is used for aircraft sortie generation on a daily basis. The vehicles support Flightline Maintenance Crews and their equipment, Aerial Ports and Flight line expedite functions along with Base Supply and Civil Engineering. It is mission essential for Explosive Ordinance Disposal (EOD) and Security Forces Combat Arms Training (CATM). This vehicle is ideal for Medical Bio-environmental personnel whose teams of 4-6 personnel are transported to inspection sites as one unit. For HQ USAFE, this vehicle provides intra-base and theater movement of personnel and cargo operating over a million miles per year supporting USAF, EUCOM and USAFE operational taskings. These vehicles are critical to the support of all facets of base support including Civil Engineering, Supply and Transportation. Failure to fund sufficient quantities of this vehicle would cause inadequate support for many diverse base operations.

In FY02 this P-1 Line item was funded in Items Less Than $5 million, Cargo and Utility Vehicles category.

Items requested in FY04 are identified on the P-40a and are representative of items to be procured. Items procured during execution may change based on critical equipment needed to support current Air Force mission requirements. Our total inventory objective for this truck is 2383. Our current procurement requirement for shortages/replacements is 1041. Fiscal constraints limit FY04 purchase to 235.

BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITEMS (EXHIBIT P- 40A)	DATE: FEBRUARY 2003
APPROP CODE/BA: OPAF/VEHICULAR EQUIPMENT	**P-1 NOMENCLATURE:** TRUCK, CARGO-UTILITY, 3/4T, 4x2

PROCUREMENT ITEMS	ID CODE	FY2002		FY2003		FY2004		FY2005	
		QTY.	COST	QTY.	COST	QTY.	COST	QTY.	COST
US GAS/DIESEL (BPAC 2071)	A			227	$4,844	166	$3,582	92	$2,036
GE GAS (BPAC 2072)	A					13	$299		
JAPAN GAS (BPAC 2074)	A			2	$25	20	$280	22	$314
US BIFUEL (BPAC 2076)	A			8	$245	36	$1,213	5	$172
Totals:				237	$5,114	235	$5,374	119	$2,522

Remarks:

	P-1 ITEM NO 9		PAGE NO: 18		Page 1 of 1

BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P- 5A) | **DATE:** FEBRUARY 2003

APPROP CODE/BA: OPAF/VEHICULAR EQUIPMENT

P-1 NOMENCLATURE: TRUCK, CARGO-UTILITY, 3/4T, 4x2

ITEM / FISCAL YEAR	QTY.	UNIT COST	LOCATION OF PCO	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWD. DATE	DATE FIRST DEL.	SPECS AVAIL NOW	DATE REV. AVAIL
US GAS/DIESEL (BPAC 2071)									
FY03	227	21,340	AFMC/WR-ALC	MIPR/OPT/IDIQ	GSA (UNKNOWN)	MAR 03	APR 03	Y	
FY04	166	21,578	AFMC/WR-ALC	MIPR/OPT/IDIQ	GSA (UNKNOWN)	MAR 04	APR 04	Y	
FY05	92	22,130	AFMC/WR-ALC	MIPR/OPT/IDIQ	GSA (UNKNOWN)	MAR 05	APR 05	Y	
GE GAS (BPAC 2072)									
FY04	13	23,036	AFMC/WR-ALC	MIPR/FP	NAVY (UNKNOWN)	APR 04	JUL 04	Y	
JAPAN GAS (BPAC 2074)									
FY03	2	12,282	AFMC/WR-ALC	MIPR/FP	NAVY (UNKNOWN)	APR 03	AUG 03	Y	
FY04	20	13,991	AFMC/WR-ALC	MIPR/FP	NAVY (UNKNOWN)	APR 04	AUG 04	Y	
FY05	22	14,290	AFMC/WR-ALC	MIPR/FP	NAVY (UNKNOWN)	APR 05	AUG 05	Y	
US BIFUEL (BPAC 2076)									
FY03	8	30,625	AFMC/WR-ALC	MIPR/OPT/IDIQ	NAVY (UNKNOWN)	MAR 03	JUN 03	Y	
FY04	36	33,698	AFMC/WR-ALC	MIPR/OPT/IDIQ	NAVY (UNKNOWN)	MAR 04	JUN 04	Y	
FY05	5	34,397	AFMC/WR-ALC	MIPR/OPT/IDIQ	NAVY (UNKNOWN)	MAR 05	JUN 05	Y	

REMARKS:

	P-1 ITEM NO 9		**PAGE NO:** 19		Page 1 of 1

BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)	DATE: FEBRUARY 2003
APPROP CODE/BA: OPAF/VEHICULAR EQUIPMENT	**P-1 NOMENCLATURE:** TRUCK MAINT/UTILITY/DELIVERY VAN

	FY2002	FY2003	FY2004	FY2005	FY2006	FY2007	FY2008	FY2009
QUANTITY								
COST (in Thousands)	$9025	$10,374	$10,244	$8,917	$9,550	$11,110	$8,884	$12,550

Description:

This program includes the procurement of a vehicle group consisting of commercial trucks with double rear doors as well as delivery vans with cut-off cabs and full-width rear doors and windows. Defining characteristics include two-wheel drive, automatic transmissions and diesel engines. The primary requirement for this vehicle is to support aircraft sortie generation. It also keeps cargo/supplies out of inclement weather, transports ammunition and weapons for combat training, provides mobile tool crib support for the flight line and serves as transportation for air/flight crew personnel and maintenance crews. Failure to provide this vehicle can dimininish the Air Force's capability to support customer's need for repositioning assets for reception of forces supporting Air Expeditionary Forces (AEF).

Items requested in FY04 are identified on the P-40A and are representative of items to be procured. Items procured during execution may change based on critical equipment needed to support current Air Force mission requirements. Our total inventory objective for this type truck is 5,014. Our current procurement requirement for shortages/replacements is 1,904. Fiscal constraints limit FY04 purchase to 270.

BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITEMS (EXHIBIT P- 40A)	DATE: FEBRUARY 2003
APPROP CODE/BA: OPAF/VEHICULAR EQUIPMENT	**P-1 NOMENCLATURE:** TRUCK MAINT/UTILITY/DELIVERY VAN

PROCUREMENT ITEMS	ID CODE	FY2002		FY2003		FY2004		FY2005	
		QTY.	COST	QTY.	COST	QTY.	COST	QTY.	COST
DELIVERY VAN GERMANY (BPAC 216A)	A	26	$907	50	$1,398	12	$378		
DELIVERY VAN JAPAN (BPAC 216C)	A			20	$371	8	$186		
DELIVERY VAN UNITED STATES (BPAC 216D)	A							5	$139
DELIVERY VAN ITALY (BPAC 216E)	A	13	$254						
DELIVERY VAN UNITED STATES (BPAC 2165)	A	211	$7,864	227	$8,605	241	$9,384	208	$8,243
DELIVERY VAN UNITED STATES BIFUEL (BPAC 2168)	A					9	$296	16	$535
Totals:		250	$9,025	297	$10,374	270	$10,244	229	$8,917

Remarks:

	P-1 ITEM NO 10		PAGE NO: 21		Page 1 of 1

BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P- 5A)	DATE: FEBRUARY 2003
APPROP CODE/BA: OPAF/VEHICULAR EQUIPMENT	**P-1 NOMENCLATURE:** TRUCK MAINT/UTILITY/DELIVERY VAN

ITEM / FISCAL YEAR	QTY.	UNIT COST	LOCATION OF PCO	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWD. DATE	DATE FIRST DEL.	SPECS AVAIL NOW	DATE REV. AVAIL
DELIVERY VAN GERMANY (BPAC 216A)									
FY02	26	34,884	AFMC/WR-ALC	FCA/FFP	USAFE/KEHRY AUTOHAUS, KAISER SLAUTERN GERMANY	OCT 02	DEC 02		
FY03	50	27,960	AFMC/WR-ALC	FCA/FFP	USAFE (UNKNOWN)	JUL 03	OCT 03	Y	
FY04	12	31,500	AFMC/WR-ALC	FCA/FFP	USAFE (UNKNOWN)	JUL 04	OCT 04	Y	
DELIVERY VAN JAPAN (BPAC 216C)									
FY03	20	18,550	AFMC/WR-ALC	MIPR/FFP	NAVY (UNKNOWN)	MAY 03	AUG 03	Y	
FY04	8	23,250	AFMC/WR-ALC	MIPR/FFP	NAVY (UNKNOWN)	MAY 04	AUG 04	Y	
DELIVERY VAN UNITED STATES (BPAC 216D)									
FY05	5	27,800	AFMC/WR-ALC	MIPR/OTH/FP W/OPT	GSA (UNKNOWN)	MAR 05	SEP 05	Y	
DELIVERY VAN ITALY (BPAC 216E)									
FY02	13	19,538	AFMC/WR-ALC	FCA/FFP	USAFE/FIAT AUTO SPA, TORINO ITALY	SEP 02	DEC 02		
DELIVERY VAN UNITED STATES (BPAC 2165)									
FY02	211	37,270	AFMC/WR-ALC	MIPR/OTH/FP W/OPT	GSA/CARTER CHEVROLET OKARCHE, OK	MAR 02	SEP 02		

BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P- 5A)	DATE: FEBRUARY 2003
APPROP CODE/BA: OPAF/VEHICULAR EQUIPMENT	**P-1 NOMENCLATURE:** TRUCK MAINT/UTILITY/DELIVERY VAN

ITEM / FISCAL YEAR	QTY.	UNIT COST	LOCATION OF PCO	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWD. DATE	DATE FIRST DEL.	SPECS AVAIL NOW	DATE REV. AVAIL
FY03	227	37,907	AFMC/WR-ALC	MIPR/OTH/FP W/OPT	GSA/UNKNOWN	MAR 03	SEP 03	Y	
FY04	241	38,937	AFMC/WR-ALC	MIPR/OTH/FP W/OPT	GSA/UNKNOWN	MAR 04	SEP 04	Y	
FY05	208	39,629	AFMC/WR-ALC	MIPR/OTH/FP W/OPT	GSA/UNKNOWN	MAR 05	SEP 05	Y	
DELIVERY VAN UNITED STATES BIFUEL (BPAC 2168)									
FY04	9	32,888	AFMC/WR-ALC	MIPR/OTH/FP W/OPT	GSA/UNKNOWN	MAR 04	SEP 04	Y	
FY05	16	33,437	AFMC/WR-ALC	MIPR/OTH/FP W/OPT	GSA/UNKNOWN	MAR 05	SEP 05	Y	

REMARKS:

	P-1 ITEM NO 10		PAGE NO: 23		Page 2 of 2

BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)	DATE: FEBRUARY 2003
APPROP CODE/BA: OPAF/VEHICULAR EQUIPMENT	**P-1 NOMENCLATURE:** CARRYALLS

	FY2002	FY2003	FY2004	FY2005	FY2006	FY2007	FY2008	FY2009
QUANTITY								
COST (in Thousands)			$9,552	$3,998	$3,997	$4,797	$4,457	$4,628

Description:

This vehicle family is capable of carrying a minimum of seven passengers, and a maximum of fifteen. They are procured with an automatic transmission; some are equipped with all-terrain, four wheel drive capability for use in remote/rugged areas, such as remote missile/radar sites. They are used by communications, weather and radar site personnel as a combination cargo and group personnel carrier; medical repair teams transporting test and repair equipment to hospitals and medical facilities; missile and aircraft alert crews; and in some instances, as airport transportation for personnel and their baggage. This type of vehicle is critical to the overall requirements of operations, transportation, maintenance and sustainment of remote AF locations.

FY02 and FY03 requirements are funded in Items Less Cargo Utility, P-1 Line #15.

Items requested in FY04 are identified on the P40A and are representative of items to be procured. Items procured during execution may change based on critical equipment needed to support current Air Force mission requirements. Our total inventory objective for Carryalls is 2,511. Our current procurement requirement for shortages/replacements is 1,420. Fiscal constraints limit FY04 purchase to 390.

BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITEMS (EXHIBIT P- 40A) | **DATE:** FEBRUARY 2003

APPROP CODE/BA:
OPAF/VEHICULAR EQUIPMENT

P-1 NOMENCLATURE:
CARRYALLS

PROCUREMENT ITEMS	ID CODE	FY2002		FY2003		FY2004		FY2005	
		QTY.	COST	QTY.	COST	QTY.	COST	QTY.	COST
CARRYALL 8 PAX US (BPAC 2191)	A					70	$1,174	44	$794
CARRYALL 8 PAX GE (BPAC 2192)	A					29	$706		
CARRYALL 8 PAX JA (BPAC 2195)	A					32	$626	15	$297
CARRYALL 4X4 SUV US GAS (BPAC 2196)	A					27	$984	23	$842
CARRYALL 7 PAX US E85 (BPAC 2197)	A					20	$523		
CARRYALL 4X2 SUV US GAS (BPAC 2198)	A					12	$353	1	$30
CARRYALL 15 PAX US GAS (BPAC 219A)	A					52	$1,364	46	$1,217
CARRYALL 15 PAX GE GAS (BPAC 219B)	A					19	$743		
CARRYALL 15 PAX JA GAS (BPAC 219D)	A					17	$311	2	$37
CARRYALL 15 PAX US BI-FUEL (BPAC 219E)	A					7	$207	2	$59
CARRYALL 4X4 SUV JA GAS (BPAC 219G)	A					8	$169	4	$85
CARRYALL 7 PAX US GAS (BPAC 219H)	A	0	$0	0	$0	21	$359	29	$500
CARRYALL 15 PAX IT GAS (BPAC 219M)	A	0	$0	0	$0	10	$359		
CARRYALL 8 PAX US CNG (BPAC 219P)	A	0	$0	0	$0	25	$464	1	$19
CARRYALL 15 PAX US CNG (BPAC 219Q)	A	0	$0	0	$0	14	$460		
CARRYALL 7 PAX US CNG (BPAC 219R)	A	0	$0	0	$0	14	$380		
CARRYALL 8 PAX US BI-FUEL (BPAC 219T)	A	0	$0	0	$0	13	$370	4	$118
Totals:						390	$9,552	171	$3,998

Remarks:

	P-1 ITEM NO		PAGE NO:		Page 1 of 1
	11		25		

BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P- 5A)	DATE: FEBRUARY 2003
APPROP CODE/BA: OPAF/VEHICULAR EQUIPMENT	**P-1 NOMENCLATURE:** CARRYALLS

ITEM / FISCAL YEAR	QTY.	UNIT COST	LOCATION OF PCO	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWD. DATE	DATE FIRST DEL.	SPECS AVAIL NOW	DATE REV. AVAIL
CARRYALL 8 PAX US (BPAC 2191)									
FY04	70	16,771	AFMC/WR-ALC	MIPR/IDIQ	GSA (UNKNOWN)	MAR 04	JUL 04	Y	
FY05	44	18,045	AFMC/WR-ALC	MIPR/IDIQ	GSA (UNKNOWN)	MAR 05	JUL 05	Y	
CARRYALL 8 PAX GE (BPAC 2192)									
FY04	29	24,355	AFMC/WR-ALC	FCA/FP	USAFE (UNKNOWN)	MAY 04	JUL 04	Y	
CARRYALL 8 PAX JA (BPAC 2195)									
FY04	32	19,558	AFMC/WR-ALC	MIPR/FP	PACAF (UNKNOWN)	JUN 04	AUG 04	Y	
FY05	15	19,771	AFMC/WR-ALC	MIPR/FP	PACAF (UNKNOWN)	JUN 05	AUG 05	Y	
CARRYALL 4X4 SUV US GAS (BPAC 2196)									
FY04	27	36,447	AFMC/WR-ALC	MIPR/IDIQ	GSA/FORD (UNKNOWN)	MAR 04	JUN 04	Y	
FY05	23	36,604	AFMC/WR-ALC	MIPR/IDIQ	GSA/FORD (UNKNOWN)	MAR 05	JUN 05	Y	
CARRYALL 7 PAX US E85 (BPAC 2197)									
FY04	20	26,163	AFMC/WR-ALC	MIPR/IDIQ	GSA (UNKNOWN)	MAR 04	JUN 04	Y	

	P-1 ITEM NO 11		PAGE NO: 26		Page 1 of 4

BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P- 5A)	DATE: FEBRUARY 2003
APPROP CODE/BA: OPAF/VEHICULAR EQUIPMENT	**P-1 NOMENCLATURE:** CARRYALLS

ITEM / FISCAL YEAR	QTY.	UNIT COST	LOCATION OF PCO	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWD. DATE	DATE FIRST DEL.	SPECS AVAIL NOW	DATE REV. AVAIL
CARRYALL 4X2 SUV US GAS (BPAC 2198)									
FY04	12	29,432	AFMC/WR-ALC	MIPR/IDIQ	GSA (UNKNOWN)	APR 04	JUL 04	Y	
FY05	1	29,748	AFMC/WR-ALC	MIPR/IDIQ	GSA (UNKNOWN)	APR 05	JUL 05	Y	
CARRYALL 15 PAX US GAS (BPAC 219A)									
FY04	52	26,240	AFMC/WR-ALC	MIPR/IDIQ	GSA (UNKNOWN)	MAR 04	JUN 04	Y	
FY05	46	26,447	AFMC/WR-ALC	MIPR/IDIQ	GSA (UNKNOWN)	MAR 05	JUN 05	Y	
CARRYALL 15 PAX GE GAS (BPAC 219B)									
FY04	19	39,090	AFMC/WR-ALC	FCA/FP	USAFE (UNKNOWN)	MAR 04	JUN 04	Y	
CARRYALL 15 PAX JA GAS (BPAC 219D)									
FY04	17	18,299	AFMC/WR-ALC	MIPR/FP	PACAF (UNKNOWN)	APR 04	JUL 04	Y	
FY05	2	18,459	AFMC/WR-ALC	MIPR/FP	PACAF (UNKNOWN)	APR 05	JUL 05	Y	
CARRYALL 15 PAX US BI-FUEL (BPAC 219E)									
FY04	7	29,531	AFMC/WR-ALC	MIPR/C/IDIQ	GSA (UNKNOWN)	APR 04	JUL 04	Y	
FY05	2	29,742	AFMC/WR-ALC	MIPR/C/IDIQ	GSA (UNKNOWN)	APR 05	JUL 05	Y	

	P-1 ITEM NO 11		PAGE NO: 27		Page 2 of 4

BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P- 5A)	DATE: FEBRUARY 2003
APPROP CODE/BA: OPAF/VEHICULAR EQUIPMENT	**P-1 NOMENCLATURE:** CARRYALLS

ITEM / FISCAL YEAR	QTY.	UNIT COST	LOCATION OF PCO	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWD. DATE	DATE FIRST DEL.	SPECS AVAIL NOW	DATE REV. AVAIL
CARRYALL 4X4 SUV JA GAS (BPAC 219G)									
FY04	8	21,163	AFMC/WR-ALC	MIPR/FP	PACAF (UNKNOWN)	APR 04	JUL 04	Y	
FY05	4	21,278	AFMC/WR-ALC	MIPR/FP	PACAF (UNKNOWN)	APR 05	JUL 05	Y	
CARRYALL 7 PAX US GAS (BPAC 219H)									
FY04	21	17,089	AFMC/WR-ALC	MIPR/IDIQ	GSA (UNKNOWN)	MAR 04	JUN 04	Y	
FY05	29	17,246	AFMC/WR-ALC	MIPR/IDIQ	GSA (UNKNOWN)	MAR 05	JUN 05	Y	
CARRYALL 15 PAX IT GAS (BPAC 219M)									
FY04	10	35,866	AFMC/WR-ALC	FCA/FP	USAFE (UNKNOWN)	MAR 04	JUN 04	Y	
CARRYALL 8 PAX US CNG (BPAC 219P)									
FY04	25	18,554	AFMC/WR-ALC	MIPR/IDIQ	GSA (UNKNOWN)	JUN 04	AUG 04	Y	
FY05	1	18,735	AFMC/WR-ALC	MIPR/IDIQ	GSA (UNKNOWN)	JUN 05	AUG 05	Y	
CARRYALL 15 PAX US CNG (BPAC 219Q)									
FY04	14	32,872	AFMC/WR-ALC	MIPR/IDIQ	GSA (UNKNOWN)	MAR 04	JUN 04	Y	

	P-1 ITEM NO 11		PAGE NO: 28		Page 3 of 4

BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P- 5A)	DATE: FEBRUARY 2003
APPROP CODE/BA: OPAF/VEHICULAR EQUIPMENT	**P-1 NOMENCLATURE:** CARRYALLS

ITEM / FISCAL YEAR	QTY.	UNIT COST	LOCATION OF PCO	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWD. DATE	DATE FIRST DEL.	SPECS AVAIL NOW	DATE REV. AVAIL
CARRYALL 7 PAX US CNG (BPAC 219R)									
FY04	14	27,111	AFMC/WR-ALC	MIPR/IDIQ	GSA (UNKNOWN)	MAR 04	JUN 04	Y	
CARRYALL 8 PAX US BI-FUEL (BPAC 219T)									
FY04	13	28,437	AFMC/WR-ALC	MIPR/IDIQ	GSA (UNKNOWN)	MAY 04	JUL 04	Y	
FY05	4	29,529	AFMC/WR-ALC	MIPR/IDIQ	GSA (UNKNOWN)	MAY 05	JUL 05	Y	

REMARKS:

BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)	DATE: FEBRUARY 2003
APPROP CODE/BA: OPAF/VEHICULAR EQUIPMENT	**P-1 NOMENCLATURE:** FAMILY MEDIUM TACTICAL VEHICLES

	FY2002	FY2003	FY2004	FY2005	FY2006	FY2007	FY2008	FY2009
QUANTITY								
COST (in Thousands)	$0	$0	$5,687	$11,880	$14,746	$19,497	$23,904	$20,449

Description:

These cargo trucks consist of a family of Medium Tactical Vehicles (MTVs), which have the capability to operate in austere, adverse terrain. These important tactical assets are used by Combat Communications Flights, Air Support Operations Squadrons (ASOS), Explosive Ordinance Disposal (EOD) units and other tactical, direct mission support units throughout the Air Force. These trucks are extensively used by the US Army and in order to maintain commonality, compatibility of parts, and maintenance support, it is crucial that the Air Force utilize these trucks to conduct joint operations with the Army. These tactical vehicles are critical to the Air Force's war fighting capability. Shortfalls of these vehicle types will degrade Operations Plan execution and result in mission support and sustainment degradation. These vehicles were crucial in the mission support and sustainment efforts for Operations ENDURING FREEDOM and NOBLE EAGLE.

Items requested in FY04 are identified on the following P-40A and are representative of items to be procured. Items procured during execution may change based on critical equipment needed to support current Air Force mission requirements.

For FY02 and FY03 these vehicles are funded in Items Less Than $5M Cargo Utility Vehicles Category. Our total inventory objective for Medium Tactical Vehicles is 3,684. Our current procurement requirement for shortages/replacements is 2,757. Fiscal constraints limit FY04 purchase to 38.

BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITEMS (EXHIBIT P- 40A) | **DATE:** FEBRUARY 2003

APPROP CODE/BA:
OPAF/VEHICULAR EQUIPMENT

P-1 NOMENCLATURE:
FAMILY MEDIUM TACTICAL VEHICLES

PROCUREMENT ITEMS	ID CODE	FY2002		FY2003		FY2004		FY2005	
		QTY.	COST	QTY.	COST	QTY.	COST	QTY.	COST
TRK, CGO, MTV, M1078A1 2.5 T (BPAC 2231)	A					21	$2,616	37	$4,533
TRK, CGO, MTV, M1083A1, W/O WINCH 5 T (BPAC 2232)	A					13	$1,946	19	$2,976
TRK, TRACTOR, M1088 5 T (BPAC 2233)	A					1	$156	7	$1,116
TRK, WRECKER, M1089A1 5 T (BPAC 2234)	A					3	$969	7	$2,261
TRK, CGO, M1083A1, WITH WINCH 5 T (BPAC 2236)	A							4	$731
TRK, DUMP, M1090A1 5 T (BPAC 2237)	A							1	$263
Totals:						38	$5,687	75	$11,880

Remarks:

For FY02 and FY03 these vehicles are funded in Items Less Than $5M Cargo Utility Vehicles Category.

	P-1 ITEM NO		PAGE NO:		
	12		31		Page 1 of 1

BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P- 5A)	DATE: FEBRUARY 2003
APPROP CODE/BA: OPAF/VEHICULAR EQUIPMENT	**P-1 NOMENCLATURE:** FAMILY MEDIUM TACTICAL VEHICLES

ITEM / FISCAL YEAR	QTY.	UNIT COST	LOCATION OF PCO	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWD. DATE	DATE FIRST DEL.	SPECS AVAIL NOW	DATE REV. AVAIL
TRK, CGO, MTV, M1078A1 2.5 T (BPAC 2231)									
FY04	21	124,571	AFMC/WR-ALC	MIPR/C/M-5 (YR1)	ARMY(UNKNOWN)	MAY 04	MAY 05	Y	
FY05	37	122,514	AFMC/WR-ALC	MIPR/C/M-5 (YR2)	ARMY(UNKNOWN)	MAY 05	MAY 06	Y	
TRK, CGO, MTV, M1083A1, W/O WINCH 5 T (BPAC 2232)									
FY04	13	149,673	AFMC/WR-ALC	MIPR/C/M-5 (YR1)	ARMY(UNKNOWN)	MAY 04	MAY 05	Y	
FY05	19	156,632	AFMC/WR-ALC	MIPR/C/M-5 (YR2)	ARMY(UNKNOWN)	MAY 05	MAY 06	Y	
TRK, TRACTOR, M1088 5 T (BPAC 2233)									
FY04	1	156,242	AFMC/WR-ALC	MIPR/C/M-5 (YR1)	ARMY(UNKNOWN)	MAY 04	MAY 05	Y	
FY05	7	159,473	AFMC/WR-ALC	MIPR/C/M-5 (YR2)	ARMY(UNKNOWN)	MAY 05	MAY 06	Y	
TRK, WRECKER, M1089A1 5 T (BPAC 2234)									
FY04	3	322,942	AFMC/WR-ALC	MIPR/C/M-5 (YR1)	ARMY(UNKNOWN)	MAY 04	MAY 05	Y	
FY05	7	323,000	AFMC/WR-ALC	MIPR/C/M-5 (YR2)	ARMY(UNKNOWN)	MAY 05	MAY 06	Y	
TRK,CGO,M1083A1, WITH WINCH 5 T (BPAC 2236)									

	P-1 ITEM NO 12		PAGE NO: 32		Page 1 of 2

BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P- 5A)	DATE: FEBRUARY 2003
APPROP CODE/BA: OPAF/VEHICULAR EQUIPMENT	**P-1 NOMENCLATURE:** FAMILY MEDIUM TACTICAL VEHICLES

ITEM / FISCAL YEAR	QTY.	UNIT COST	LOCATION OF PCO	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWD. DATE	DATE FIRST DEL.	SPECS AVAIL NOW	DATE REV. AVAIL
FY05	4	182750	AFMC/WR-ALC	MIPR/C/M-5 (YR2)	ARMY(UNKNOWN)	MAY 05	MAY 06	Y	
TRK, DUMP, M1090A1 5 T (BPAC 2237)									
FY05	1	262,539	AFMC/WR-ALC	MIPR/C/M-5 (YR2)	ARMY(UNKNOWN)	MAY 05	MAY 06	Y	

REMARKS:

BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)	DATE: FEBRUARY 2003
APPROP CODE/BA: OPAF/VEHICULAR EQUIPMENT	**P-1 NOMENCLATURE:** HIGH MOBILITY VEHICLE

	FY2002	FY2003	FY2004	FY2005	FY2006	FY2007	FY2008	FY2009
QUANTITY								
COST (in Thousands)	$8,465	$11,765	$3,714	$3,239	$3,570	$4,345	$5,843	$8,085

Description:

This program includes the procurement of High Mobility Multi-Purpose Wheeled Vehicles (HMMWV). These vehicles have the capability to operate under tactical conditions in austere adverse terrain locations. They support security forces/force protection activities, civil engineering, including Rapid Engineer Deployable Heavy Operational Repair Squadron, Engineering (RED HORSE) Squadrons, combat communication flights, and Air Force Special Operations Forces (SOF) airlift units. The M1097A2 model serves as the prime tactical vehicle for the US Army. Requirements to conduct combined joint operations with the Army make this vehicle the logical choice for fulfilling Air Force requirements due to the commonality and compatibility of parts, and standardized maintenance and supply support in a joint force environment. These vehicles are used in locations worldwide and in high intensity hostile environments (for example, Bosnia and Kosovo). They are used by Combat Communications Flights, Air Support Operations Squadrons (ASOS) and other tactical, direct mission support units throughout Pacific Air Forces (PACAF), Air Combat Command (ACC), and United States Air Forces in Europe (USAFE) as well as other commands in the Air Force. These tactical vehicles are critical to our war fighting capability. Current shortfalls of these vehicles negatively impact Operations Plan execution and have the potential to result in force protection degradation. This vehicle plays a vital role for personnel during deployments. There is not a work-around or suitable substitute item available for this tactical vehicle. The types of items contained within this P-1 line are critical (deployed) assets used in direct support of Air Force units engaged in Operations Enduring Freedom and Noble Eagle.

Items requested in FY04 are identified on the following P-40A and are representative of items to be procured. Items procured during execution may change based on critical equipment needed to support current Air Force mission requirements. Our total inventory objective for the High Mobility Vehicle is 1,915. Our current procurement requirement for shortages/replacements is 634. Fiscal constraints limit FY04 purchase to 53.

BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITEMS (EXHIBIT P- 40A)	DATE: FEBRUARY 2003
APPROP CODE/BA: OPAF/VEHICULAR EQUIPMENT	**P-1 NOMENCLATURE:** HIGH MOBILITY VEHICLE

PROCUREMENT ITEMS	ID CODE	FY2002		FY2003		FY2004		FY2005	
		QTY.	COST	QTY.	COST	QTY.	COST	QTY.	COST
M1097A2 HMMWV BPAC (2261)	A	124	$8,465	169	$11,765	53	$3,714	46	$3,239
Totals:		124	$8,465	169	$11,765	53	$3,714	46	$3,239

Remarks:

	P-1 ITEM NO 13		PAGE NO: 35		Page 1 of 1

BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P- 5A) | **DATE:** FEBRUARY 2003

APPROP CODE/BA:
OPAF/VEHICULAR EQUIPMENT

P-1 NOMENCLATURE:
HIGH MOBILITY VEHICLE

ITEM / FISCAL YEAR	QTY.	UNIT COST	LOCATION OF PCO	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWD. DATE	DATE FIRST DEL.	SPECS AVAIL NOW	DATE REV. AVAIL
M1097A2 HMMWV BPAC (2261)									
FY02	122	68,266	AFMC/WR-ALC	MIPR/C/M-5 (YR2)	ARMY/TACOM AM GENERAL, SOUTH BEND, IN	JUN 02	AUG 02		
FY02	2	68,266	AFMC/WR-ALC	MIPR/C/M-5 (YR2)	ARMY/TACOM AM GENERAL, SOUTH BEND, IN	AUG 02	OCT 02		
FY03	169	69,615	AFMC/WR-ALC	MIPR/C/M-5 (YR3)	ARMY/TACOM AM GENERAL, SOUTH BEND, IN	MAY 03	FEB 04	Y	
FY04	53	70,080	AFMC/WR-ALC	MIPR/C/M-5 (YR4)	ARMY/TACOM AM GENERAL, SOUTH BEND, IN	MAY 04	FEB 05	Y	
FY05	46	70,420	AFMC/WR-ALC	MIPR/C/M-5 (YR5)	ARMY/TACOM AM GENERAL, SOUTH BEND, IN	MAY 05	FEB 06	Y	

REMARKS:

BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)	DATE: FEBRUARY 2003
APPROP CODE/BA: OPAF/VEHICULAR EQUIPMENT	**P-1 NOMENCLATURE:** CAP VEHICLES

	FY2002	FY2003	FY2004	FY2005	FY2006	FY2007	FY2008	FY2008
QUANTITY								
COST (in Thousands)	$783	$785	$786	$802	$815	$833	$847	$862

Description:

This program includes vehicles to support Civil Air Patrol (CAP) operational and management activities. The CAP program includes the procurement of vehicles to provide transportation for cadet and senior members attending meetings and functions of the AF auxiliary. Operational support applications include command and control for search and rescue, counterdrug, disaster relief, and training missions authorized as AF missions for their auxiliary.

Failure to provide these vehicles will increase average vehicle fleet age well over CAP's ten-year average, increase safety risks, and maintenance costs.

BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)	DATE: FEBRUARY 2003
APPROP CODE/BA: OPAF/VEHICULAR EQUIPMENT	**P-1 NOMENCLATURE:** ITEMS LESS THAN $5,000,000 (CARGO-UTILITY)

	FY2002	FY2003	FY2004	FY2005	FY2006	FY2007	FY2008	FY2009
QUANTITY								
COST (in Thousands)	$34,578	$39,592	$38,283	$73,309	$77,562	$78,983	$86,457	$97,362

Description:

This P-1 line includes various Cargo-Utility Vehicles and Equipment with procurement value of less than $5,000,000 and are Identification Code A. These items are critical across the spectrum of functional users throughout the Air Force and provide multi-purpose capabilities. These vehicles also support mission needs for light to heavy cargo transport, as well as transportation for Air/Flight Crew Personnel. In addition, these vehicles support Flightline Operations (Aircraft Maintenance) and Base Civil Engineers performing base and airfield maintenance. The 1,496 vehicles requested for FY04 include alternative fuel vehicles that are required under Executive Order 13149, 21 April 2000. Items requested in FY04 are identified on the following P-40A I/L and are representative of items to be procured. Items procured during execution may change based on critical equipment needed to support current Air Force mission requirements.

BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITEMS (EXHIBIT P- 40A-IL) | **DATE:** FEBRUARY 2003

APPROP CODE/BA:
OPAF/VEHICULAR EQUIPMENT

P-1 NOMENCLATURE:
ITEMS LESS THAN $5,000,000 (CARGO-UTILITY)

PROCUREMENT ITEMS	NSN	FY2004 QTY.	FY2004 COST	FY2005 QTY.	FY2005 COST
TRUCK, PICKUP 3/4T 4X4 (BPAC 2992002)	2320008116869	67	$2,126	88	$4,220
TRUCK, COMPACT PICKUP 4X4 (BPAC 2992003)	2320010878223	9	$182	16	$328
TRUCK, COMPACT PICKUP 4X4 (BPAC 2992004) BI-FUEL	2320010878223			1	$23
TRUCK, COMPACT PICKUP 4X4 JAPAN (BPAC 2992005)	2320010878223	3	$48	2	$32
TRUCK, COMPACT PICKUP (BPAC 2992006)	2320010096194	116	$1,207	190	$1,610
TRUCK, PICKUP 3/4T 4X4 (BPAC 2992008)	2320008116869	2	$26	5	$67
TRUCK, PICKUP 1/2T 4X2 (BPAC 2992009) PEC 35205	2320005401428	169	$4,092	137	$4,517
TRUCK, PICKUP 1/2T 4X2 (BPAC 2992010)	2320005401428	37	$606		
TRUCK, PICKUP 3/4T 4X4 (BPAC 2992011)	2320008116869	3	$121		
TRUCK, PICKUP 3/4T 4X4 (BPAC 2992012)	2320008116869	13	$308	3	$72
TRUCK, PICKUP 1/2T 4X2 UNITED STATES (BPAC 2992014)	2320005401428	7	$109	9	$152
TRUCK, COMPACT PICKUP JAPAN (BPAC 2992015)	2310010096194	30	$750	67	$1,723
TRUCK, COMPACT PICKUP UNITED STATES (BPAC 2992016)	2320010096194	6	$104	14	$253
TRUCK, COMPACT PICKUP UNITED STATES (BPAC 2992017)	2320010096194	35	$503		
TRUCK, DUAL WHEEL 4X4 (BPAC 2992021)	2320014428405	2	$73		
TRUCK, PICKUP 1/2T 4X2 JAPAN (BPAC 2992023)	2320005401428	5	$64	9	$120
TRUCK, COMPACT PICKUP UNITED STATES (BPAC 2992024)	2320010096194	68	$933		
TRUCK, PICKUP 3/4T 4X4 (BPAC 2992027)	2320008116869	5	$112		

BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITEMS (EXHIBIT P- 40A-IL)	DATE: FEBRUARY 2003
APPROP CODE/BA: OPAF/VEHICULAR EQUIPMENT	**P-1 NOMENCLATURE:** ITEMS LESS THAN $5,000,000 (CARGO-UTILITY)

PROCUREMENT ITEMS	NSN	FY2004		FY2005	
		QTY.	COST	QTY.	COST
TRUCK, PICKUP 1/2T 4X2 ITALY (BPAC 2992029)	2320005401428	30	$261		
SEMI-TRAILER, LOWBED 60T (BPAC 2993002)	2330003492572	1	$31	3	$96
SEMI-TRAILER, 20 TON 25FT (BPAC 2993003)	2330008997527	1	$29	1	$29
SEMI-TRAILER, 20 TON 38FT (BPAC 2993004)	2330013819477	14	$560	73	$2,908
SEMI-TRAILER, T-DECK 22 TON (BPAC 2993005)	2330001383011	1	$22	5	$114
SEMI-TRAILER VAN CARGO 12 TON (BPAC 2993006)	2330008655443	7	$157	8	$183
SEMI-TRAILER LOW BED 35 TON (BPAC 2993007)	2330010516648	5	$230	6	$300
SEMI-TRAILER 40 TON W/463L RLRS (BPAC 2993009)	2330010940007	1	$41	1	$42
SEMI-TRAILER 48 FT VAN (BPAC 2993011)	2330013363468			1	$30
TRAILER, TILT DECK 9T OVER (BPAC 2993013)	2330009267167	1	$10		
TRAILER, 45FT 25 TON FB (BPAC 2993016)	2330013378944	2	$33	4	$68
TRUCK, VAN BAND 24KGVW (BPAC 2994002)	2320010397929	3	$134	4	$194
TRUCK, 1 TON HI-CUBE VAN (2994012)	2320013755832	2	$61	3	$93
TRUCK, VAN BAND 24KGVW JAPAN (BPAC 2994014)	2320010397929			1	$61
TRAILER, M-105 CARGO 1.5TON (BPAC 2996003)	2330005416466			1	$112
TRAILER, M-843 FLATBED 5 TON (BPAC 2996007)	2330002108935			12	$149
TRAILER, CHS 2,5 TON M-200 (BPAC 2996008)	2330005403950	2	$14	22	$159
HMMWV, XM113 (BPAC 2996020)	2320014120143	10	$604	6	$341

	P-1 ITEM NO 15		PAGE NO: 40		Page 2 of 6

BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITEMS (EXHIBIT P- 40A-IL)	DATE: FEBRUARY 2003
APPROP CODE/BA: OPAF/VEHICULAR EQUIPMENT	**P-1 NOMENCLATURE:** ITEMS LESS THAN $5,000,000 (CARGO-UTILITY)

PROCUREMENT ITEMS	NSN	FY2004		FY2005	
		QTY.	COST	QTY.	COST
CUCV UTILITY M1009 (BPAC 2996024)	2320011232665	20	$606	17	$555
CUCV CARGO M1008 (BPAC 2996025)	2320011232671	28	$890	19	$682
CUCV, SHELTER M-1028 (BPAC 2996026)	2320011275077	2	$127	11	$1,714
HMMWV, M1114 (BPAC 2996027)	2320014133739			12	$2,969
TRUCK, TRACTOR XM1070 (BPAC 2996031)	2320013189902			1	$281
TRAILER, HIGH MOBILITY, LIGHT (BPAC 2996036)	2330013886662	57	$1,074	35	$701
TRUCK, TRACTOR 6X6 51 GVW (BPAC 2999001)	2320001175983	1	$121		
TRUCK, TRACTOR 24K 4X2 (BPAC 2999003)	2320006112429	10	$475	11	$567
TRUCK TRAC 44.5K GVW (BPAC 2999005)	2320002711432	13	$908	57	$4,469
TRUCK TRAC 55K GVW (BPAC 2999006)	2320010585724	4	$585	14	$2,072
TRUCK TRAC 39.5 GVW (BPAC 2999007)	2320013417627	9	$1,278	24	$2,907
TRUCK TRAC 74K GVW (BPAC 2999008)	2320012186119	1	$321		
TRUCK TRAC 6X4 64K GVW (BPAC 2999009)	2320003444397	8	$1,075	24	$3,267
TRUCK TRAC 44.5K GVW JAPAN (BPAC 2999010)	2320002711432			3	$370
TRUCK TRAC 6X4 52K GVW (BPAC 2999011)	2320013571367	1	$82	20	$1,682
TRUCK TRAC 44.5K GVW (BPAC 2999015)	2320002711432	5	$364		
TRUCK TRAC 6X4 64K GVW (BPAC 2999019)	2320003444397	11	$1,695		
TRUCK, TRAC 39.5G (BPAC 2999025)	2320013417627	14	$1,498		

BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITEMS (EXHIBIT P- 40A-IL) | **DATE:** FEBRUARY 2003

APPROP CODE/BA:
OPAF/VEHICULAR EQUIPMENT

P-1 NOMENCLATURE:
ITEMS LESS THAN $5,000,000 (CARGO-UTILITY)

PROCUREMENT ITEMS	NSN	FY2004		FY2005	
		QTY.	COST	QTY.	COST
TRAILER, TILT DECK 4-5 TON (BPAC 299A001)	2330009201273			2	$15
TRAILER, FLAT BED 6 TON (BPAC 299A003)	2330008775646	1	$9		
TRAILER, 12 TON STAKE & PLATFORM (BPAC 299A006)	2330013318867	1	$17		
SEMI-TRAILER LOWBOY 25 TON (BPAC 299A007)	2330008997526	4	$83	5	$106
TRUCK, UTILITY 4K 4X4 (299B001)	2320009889120	23	$635	38	$1,802
TRUCK, UTILITY 1/2 TON 4X2 (BPAC 299B004)	2320005802954			92	$2,619
TRUCK, UTILITY 4000 GROSS VEHICLE WEIGHT 4X4 (BPAC 299B005)	2320013386502	17	$323	4	$85
TRUCK, UTILITY 1/2 TON 4X2 JAPAN (BPAC 299B007)	2320005802954			22	$874
TRUCK, UTILITY 1/2 TON 4X2 UNITED STATES (BPAC 299B009)	2320005802954			5	$192
TRUCK, UTILITY 4K 4X4 (BPAC 299B016)	2320009889120	6	$123		
TRUCK, UTILITY 4X2 ITEM 100B (BPAC 299B022)	2320014416914	10	$270	4	$118
TRUCK, UTILITY 4X4 ITEM 105B (BPAC 299B023)	2320014416916	34	$823	40	$994
TRUCK, UTILITY 4K 4X4 JAPAN (BPAC 299B034)	2320009889120	2	$53	7	$399
TRUCK, PICKUP CREW CAB 4X2 (BPAC 299B035)	2320014846745	21	$1,046		
TRUCK, PICKUP, CREWCAB, 1/2T, 4X4 (BPAC 299B036)	2320014846748	31	$784	5	$138
SUV, 4X2 4DR (BPAC 299B038)	2320014848859	16	$809	3	$59
MINUTEMAN MISSILE SUPPORT VEHICLE (BPAC 299C001)	2320003958632			1	$3,961
TRUCK, STAKE & PLATFORM 19,000GVW (BPAC 299C004)	2320010648540			5	$267

BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITEMS (EXHIBIT P- 40A-IL)	DATE: FEBRUARY 2003
APPROP CODE/BA: OPAF/VEHICULAR EQUIPMENT	**P-1 NOMENCLATURE:** ITEMS LESS THAN $5,000,000 (CARGO-UTILITY)

PROCUREMENT ITEMS	NSN	FY2004		FY2005	
		QTY.	COST	QTY.	COST
TRUCK, CARGO 10K GVW 4X4 (BPAC 299C008)	2320010737897			1	$25
TRUCK, PU,4X2, 6 PAX DUAL REAR WHEELED (BPAC 299C010)	2320010107351	1	$25		
TRUCK, CARGO, 2.5T, 4X4 (BPAC 299C011)	2320008017593			13	$925
TRUCK, CARGO, 6 PAX, 2.5T 4X2 (BPAC 299C012)	2320008790680	12	$754	12	$734
TRUCK, CARGO, 2.5T, 4X2 (BPAC 299C014)	2320007023537	2	$76	23	$927
TRUCK, PANEL 4X2 UNITED STATES (BPAC 299C018)	2320010432754	34	$520	72	$3,045
TRUCK, PANEL 4X2 GERMANY (BPAC 299C019)	2320010432754	1	$17		
TRUCK, PANEL 4X2 JAPAN (BPAC 299C021)	2320010432754	7	$234	34	$1,168
TRUCK, PANEL 4X2 ITALY (BPAC 299C023)	2320010432754	4	$78		
TRUCK, CARRYALL 4X4 9 PAX (BPAC 299C024)	2320009504238			23	$1,342
TRUCK, STAKE & PLATFORM 1 TON 4X2 (BPAC 299C026)	2320008518481	63	$1,992	74	$2,340
TRUCK, STAKE & PLATFORM 10,000 GVW (BPAC 299C027)	2320012507367	98	$3,690	66	$2,485
TRUCK, STAKE & PLATFORM 10, GVW 4X4 (BPAC 299C028)	2320013022698			3	$101
TRUCK, CARRYALL 8 PAX UNITED STATES (BPAC 299C029)	2320008797662			44	$2,128
TRUCK, CARRYALL 15 PAX (BPAC 299C030)	2320010366569			46	$2,417
TRUCK, CARRYALL COMPACT (BPAC 299C031)	2320011736113			29	$1,700
TRUCK, CARRYALL LOWPRO (BPAC 299C032)	2320004501005			1	$40
TRUCK, CARRYALL 8 PAX JAPAN (BPAC 299C033)	2320008797662			15	$497

BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITEMS (EXHIBIT P- 40A-IL) | **DATE:** FEBRUARY 2003

APPROP CODE/BA:
OPAF/VEHICULAR EQUIPMENT

P-1 NOMENCLATURE:
ITEMS LESS THAN $5,000,000 (CARGO-UTILITY)

PROCUREMENT ITEMS	NSN	FY2004		FY2005	
		QTY.	COST	QTY.	COST
TRUCK, CARRYALL 15 PAX JAPAN (BPAC 299C036)	2320010366569			2	$50
TRUCK, CARRYALL 8 PAX UNITED STATES (BPAC 299C037)	2320008797662			1	$25
TRUCK, PANEL 4X2 UNITED STATES (BPAC 299C040)	2320010132754	3	$81	7	$192
TRUCK, CARRYALL 9 PAX 4X4 JAPAN (BPAC 299C042)	2320009504238			4	$105
TRUCK, CARRYALL 15 PAX (BPAC 299C043)	2320010366569			2	$79
TRUCK, CARRYALL 8 PAX (BPAC 299C045)	2320008797662			4	$148
TRUCK, STAKE & PLATFORM 4X2 JAPAN (BPAC 299C048)	2320008518481	19	$277	29	$416
TRUCK, PANEL 4X2 UNITED STATES (BPAC 299C049)	2320010132754	6	$171		
TRUCK, STAKE & PLATFORM 10,000 GVW JAPAN (BPAC 299C050)	2320012507367	10	$280	20	$559
TRUCK, STAKE & PLATFORM 10,000 GVW ITALY (BPAC 299C053)	2320012507367	9	$205		
TRUCK, STAKE & PLATFORM 10,000 GVW GERMANY (BPAC 299C054)	2320012507367	2	$46		
TRUCK, STAKE & PLATFORM 10,000 GVW TURKEY (BPAC 299C055)	2320012507367	10	$174		
TRUCK, STAKE & PLATFORM 19,000 GVW JAPAN (BPAC 299C063)	2320010648540	1	$38		
TOTALS:			$38,283		$73,309

BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)	DATE: FEBRUARY 2003
APPROP CODE/BA: OPAF/VEHICULAR EQUIPMENT	**P-1 NOMENCLATURE:** TRUCK, TANK FUEL R-11

	FY2002	FY2003	FY2004	FY2005	FY2006	FY2007	FY2008	FY2009
QUANTITY								
COST (in Thousands)	$0	$0	$14,115	$16,519	$19,323	$20,417	$21,014	$25,557

Description:

R-11 Refueling Tank Truck vehicles are required by aircraft operating commands to transport fuel and dispense fuel to aircraft in specific amounts and within controlled conditions. When aircraft require maintenance where on-board fuel must be removed, refueling tank trucks remove the fuel and transport it to the fuel farm for disposition. Refueling tank trucks are subject to deployment by air to forward operating areas for support of all aircraft types (Fighters, Bombers, Reconnisance, Command and Control and Airlift aircraft) and must be sufficiently rugged to operate reliably in various worldwide environments. Further, due to the volatility of the cargo, the vehicle must be designed, manufactured and operated with safety of truck, nearby objects (aircraft, buildings, other vehicles, etc) and personnel in mind. The refueling tank truck is air transportable on C-130, C-141, C-17 and C-5 aircraft.

FY02/03 funding is in items less than $5 million (Special Purpose).

Items requested in FY04 on the P-40a are representative of items to be procured. Items procured during execution may change based on critical equipment needed to support current Air Force mission requirements. Our total inventory objective for these fuel trucks is 2,124. Our current procurement requirement for shortages/replacements is 1,608. Fiscal constraints limit FY04 purchase to 87.

BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITEMS (EXHIBIT P- 40A)	DATE: FEBRUARY 2003
APPROP CODE/BA: OPAF/VEHICULAR EQUIPMENT	**P-1 NOMENCLATURE:** TRUCK, TANK FUEL R-11

PROCUREMENT ITEMS	ID CODE	FY2002		FY2003		FY2004		FY2005	
		QTY.	COST	QTY.	COST	QTY.	COST	QTY.	COST
TRK TANK FUEL R-11 (BPAC 3122)	A					87	$14,115	100	$16,519
Totals:						87	$14,115	100	$16,519

Remarks:

	P-1 ITEM NO 16		PAGE NO: 46		Page 1 of 1

BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P- 5A)	DATE: FEBRUARY 2003
APPROP CODE/BA: OPAF/VEHICULAR EQUIPMENT	**P-1 NOMENCLATURE:** TRUCK, TANK FUEL R-11

ITEM / FISCAL YEAR	QTY.	UNIT COST	LOCATION OF PCO	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWD. DATE	DATE FIRST DEL.	SPECS AVAIL NOW	DATE REV. AVAIL
TRK TANK FUEL R-11 (BPAC3122)									
FY04	87	162,241	AFMC/WR-ALC	/FFP	UNKNOWN	DEC 03	JUL 04	Y	
FY05	100	165,190	AFMC/WR-ALC	/FFP	UNKNOWN	DEC 04	MAY 05	Y	

REMARKS:

	P-1 ITEM NO 16		PAGE NO: 47		Page 1 of 1

BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)	DATE: FEBRUARY 2003
APPROP CODE/BA: OPAF/VEHICULAR EQUIPMENT	**P-1 NOMENCLATURE:** HMMWV, ARMORED

	FY2002	FY2003	FY2004	FY2005	FY2006	FY2007	FY2008	FY2009
QUANTITY								
COST (in Thousands)	$8,659	$1,010	$2,968	$3,604	$8,485	$19,221	$4,573	$3,634

Description:

This program provides funding for armored High Mobility Multipurpose Wheeled Vehicles (HMMWV). These vehicles consist of the standard diesel powered HMMWV utility trucks with armor plating to provide ballistic protection for armament components, crew, and ammunition.

The Air Force and the US Army jointly program these requirements to provide an armored vehicle which will satisfy both services' requirements. This vehicle satisfies Air Force Explosive Ordnance Disposal (EOD), Civil Engineering (CE), and Security Forces (SF) requirements as well as being essential to the ongoing Force Protection/Anti-Terrorism (FP/AT) effort. EOD employs this vehicle as an unexploded ordinance (UXO) team work platform; CE uses it to support damage assessment and as an Armored Personnel Carrier (APC); and SF requires this vehicle for force protection and Air Base Defense operations. In overseas locations (OCONUS), the Armored HMMWV is a must-have asset in meeting SF force protection needs. The diverse environments within Southwest Asia (SWA) require a vehicle that has a 4X4 capability (this vehicle is 4X4 capable) and provides adequate protection from hostile fire in dangerous situations. In stateside (CONUS) locations, the vehicle is used primarily in a nuclear support role as directed by DoD Directive 5210.41-M, Nuclear Weapon Security Manual, which requires suitable security vehicles to enhance mobility and all security force vehicles meet the highest standards of reliability and maintainability.

The types of items contained within this P-1 line are critical (deployed) assets used in direct support of Air Force units engaged in Operations Enduring Freedom and Noble Eagle. Increases in FY04 are largely attributed to the increased need for armored vehicles following 11 Sep 01 for security forces missions and force protection requirements.

Items requested in FY04 are representative of items to be procured. Items procured during execution may change based on critical equipment needed to support current Air Force mission requirements. Our total inventory objective for the Armored HMMWV is 1,024. Our current procurement requirement for shortages/replacements is 828. Fiscal constraints limit FY04 purchase to 40.

BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITEMS (EXHIBIT P- 40A)	DATE: FEBRUARY 2003
APPROP CODE/BA: OPAF/VEHICULAR EQUIPMENT	**P-1 NOMENCLATURE:** HMMWV, ARMORED

PROCUREMENT ITEMS	ID CODE	FY2002		FY2003		FY2004		FY2005	
		QTY.	COST	QTY.	COST	QTY.	COST	QTY.	COST
HMMWV, ARMORED (M1025A2)	A	125	$8,659	14	$1010	40	$2,968	47	$3,604
Totals:		125	$8,659	14	$1,010	40	$2,968	47	$3,604

Remarks:

	P-1 ITEM NO 17		PAGE NO: 49		Page 1 of 1

BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P- 5A)	DATE: FEBRUARY 2003
APPROP CODE/BA: OPAF/VEHICULAR EQUIPMENT	**P-1 NOMENCLATURE:** HMMWV, ARMORED

ITEM / FISCAL YEAR	QTY.	UNIT COST	LOCATION OF PCO	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWD. DATE	DATE FIRST DEL.	SPECS AVAIL NOW	DATE REV. AVAIL
HMMWV, ARMORED (M1025A2)									
FY02	70	69,272	AFMC/WR-ALC	MIPR/C/M-5 (YR2)	ARMY/TACOM AM GENERAL, SOUTH BEND, IN	JUN 02	SEP 02		
FY02	30	69,272	AFMC/WR-ALC	MIPR/C/M-5 (YR2)	ARMY/TACOM AM GENERAL, SOUTH BEND, IN	JUL 02	SEP 02		
FY02	25	69,272	AFMC/WR-ALC	MIPR/C/M-5 (YR2)	ARMY/TACOM AM GENERAL, SOUTH BEND, IN	AUG 02	OCT 02		
FY03	14	72,142	AFMC/WR-ALC	MIPR/C/M-5 (YR3)	ARMY/TACOM AM GENERAL, SOUTH BEND, IN	MAY 03	FEB 04	Y	
FY04	40	74,200	AFMC/WR-ALC	MIPR/C/M-5 (YR4)	ARMY/TACOM AM GENERAL, SOUTH BEND, IN	MAY 04	FEB 05	Y	
FY05	47	76,680	AFMC/WR-ALC	MIPR/C/M-5 (YR5)	ARMY/TACOM AM GENERAL, SOUTH BEND, IN	MAY 05	FEB 06	Y	

REMARKS:

O'Gara Hess & Eisenhardt Armoring, Fairfield, OH manufacture the armor plating.

BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)	DATE: FEBRUARY 2003
APPROP CODE/BA: OPAF/VEHICULAR EQUIPMENT	**P-1 NOMENCLATURE:** HMMWW, UPARMORED

	FY2002	FY2003	FY2004	FY2005	FY2006	FY2007	FY2008	FY2009
QUANTITY								
COST (in Thousands)	$0	$3,594	$5,809	$8,281	$8,593	$10,181	$7,052	$9,134

Description:

This program provides funding for UpArmored High Mobility Multipurpose Wheeled Vehicles (HMMWV). These vehicles consist of standard diesel powered HMMWV utility trucks with armor plating to provide ballistic protection for armament components, crew, and ammunition. The UpArmored HMMWV provides additional protection from land mines and aerial bursts of munitions in addition to the protection offered by the standard Armored HMMWV.

This vehicle meets Air Force Explosive Ordnance Disposal (EOD), Civil Engineering (CE), Air Base Damage Assessment Team, Base Recovery After Attack Team (BRAAT) and Security Forces (SF) requirements as well as being essential to the ongoing Force Protection/Anti-Terrorism (FP/AT) effort. EOD employs this vehicle as an unexploded ordinance (UXO) team work platform; CE uses it to support damage assessment and as an Armored Personnel Carrier (APC); and SF requires this vehicle for force protection, nuclear weapon security, and Air Base Defense operations. In overseas locations (OCONUS), the UpArmored HMMWV is a must-have asset in meeting force protection needs. The diverse environments within Southwest Asia (SWA) require a vehicle with a 4X4 capability, adequate protection from hostile fire, and increased survivability of personnel from land mine and ordinance explosion/fragmentation hazards.

In FY02 Item was funded in Items Less Than $5M Cargo Utility Vehicles Category.

Items requested in FY04 are representative of items to be procured. Items procured during execution may change based on critical equipment needed to support current Air Force mission requirements. The types of items, contained within this P-1 line, are critical (deployed) assets used in direct support/sustainment of Air Force units engaged in Operation Enduring Freedom. Our total inventory objective for the UpArmored HMMWV is 734. Our current procurement requirement for shortages/replacements is 192. Fiscal constraints limit FY04 purchase to 34.

BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITEMS (EXHIBIT P- 40A)	DATE: FEBRUARY 2003
APPROP CODE/BA: OPAF/VEHICULAR EQUIPMENT	**P-1 NOMENCLATURE:** HMWWV, UPARMORED

PROCUREMENT ITEMS	ID CODE	FY2002		FY2003		FY2004		FY2005	
		QTY.	COST	QTY.	COST	QTY.	COST	QTY.	COST
HMMWV, UPARMORED (M1116)	A			21	$3,594	34	$5,809	48	$8,281
Totals:				21	$3,594	34	$5,809	48	$8,281

Remarks:

	P-1 ITEM NO 18		PAGE NO: 52		Page 1 of 1

BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P- 5A)	DATE: FEBRUARY 2003
APPROP CODE/BA: OPAF/VEHICULAR EQUIPMENT	**P-1 NOMENCLATURE:** HMMWW, UPARMORED

ITEM / FISCAL YEAR	QTY.	UNIT COST	LOCATION OF PCO	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWD. DATE	DATE FIRST DEL.	SPECS AVAIL NOW	DATE REV. AVAIL
HMMWV, UPARMORED (M1116)									
FY03	21	171,142	AFMC/WR-ALC	MIPR/C/M-5 (YR3)	ARMY/TACOM AM GENERAL, SOUTH BEND, IN	MAY 03	FEB 04	Y	
FY04	34	170,852	AFMC/WR-ALC	MIPR/C/M-5 (YR4)	ARMY/TACOM AM GENERAL, SOUTH BEND, IN	MAY 04	FEB 05	Y	
FY05	48	172,520	AFMC/WR-ALC	MIPR/C/M-5 (YR5)	ARMY/TACOM AM GENERAL, SOUTH BEND, IN	MAY 05	FEB 06	Y	

REMARKS:

O'Gara Hess & Eisenhardt Armoring, Fairfield, OH manufactur the armor plating.

	P-1 ITEM NO 18		PAGE NO: 53		Page 1 of 1

BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)	DATE: FEBRUARY 2003
APPROP CODE/BA: OPAF/VEHICULAR EQUIPMENT	**P-1 NOMENCLATURE:** TRACTOR, A/C TOW, MB-4

	FY2002	FY2003	FY2004	FY2005	FY2006	FY2007	FY2008	FY2009
QUANTITY								
COST (in Thousands)	$0	$6,085	$3,768	$5,087	$7,498	$9,381	$8,123	$8,032

Description:

The MB-4 Tow Tractor tows fighter aircraft and large aircraft up to the C-130. This tractor is required daily to support various types of command operations. The primary users are the Aircraft Maintenance and Munitions Squadrons. Equipped with a diesel engine, four wheel drive and four wheel steering, this tow tractor can safely move equipment and aircraft during launch and recovery operations. Additionally, with the air brake systems on these vehicles the combat Aerospace Ground Equipment (AGE) Teams assigned to Munitions Squadrons (MUNS) are able to tow large weapons trailers (MHU-196 and MU-204) in direct support of loading, maintenance, and transporting munitions to and from storage locations. This is a critical operation for our heavy bombers (B-52, B1, and B-2). This vehicle is also used to move aircraft around the flightline as well as during emergency situations such as towing stalled or disabled aircraft from active runways and taxi-ways. There are no work-a-rounds because this vehicle type is not readily available for rent, lease nor is there an equivant nuclear certified aircraft tow tractor available in the private sector. The current age and condition of the MB-4 Fleet is such that if we fail to procure these assets it will adversely affect our ability to meet mission requirements whether, it's generating aircraft for it's mission in a timely manner or moving munitions. Assets currently requested under the FY04 buy will replace critical assets that are replacement eligible.

FY02 requirements are funded in Items Less Than $5M Special Purpose.

Items requested are identified on the P-40a and are representative of items to be procured. Items procured during execution may change based on critical equipment needed to support current Air Force mission requirements. Our total inventory objective for the MB-4 Tow Tractor is 1,115. Our current procurement requirement for shortages/replacements is 429. Fiscal constraints limit FY04 purchase to 34.

BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITEMS (EXHIBIT P- 40A)	DATE: FEBRUARY 2003
APPROP CODE/BA: OPAF/VEHICULAR EQUIPMENT	**P-1 NOMENCLATURE:** TRACTOR, A/C TOW, MB-4

PROCUREMENT ITEMS	ID CODE	FY2002		FY2003		FY2004		FY2005	
		QTY.	COST	QTY.	COST	QTY.	COST	QTY.	COST
TRAC TOW MB4 (BPAC 3322)	A			57	$6,085	34	$3,768	49	$5,087
Totals:				57	$6,085	34	$3,768	49	$5,087

Remarks:

	P-1 ITEM NO 20		PAGE NO: 55		Page 1 of 1

BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P- 5A) | **DATE:** FEBRUARY 2003

APPROP CODE/BA:
OPAF/VEHICULAR EQUIPMENT

P-1 NOMENCLATURE:
TRACTOR, A/C TOW, MB-4

ITEM / FISCAL YEAR	QTY.	UNIT COST	LOCATION OF PCO	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWD. DATE	DATE FIRST DEL.	SPECS AVAIL NOW	DATE REV. AVAIL
TRAC TOW MB4 (BPAC 3322)									
FY03	57	106,754	AFMC/WR-ALC	DO/IDIQ	NORTHWESTERN, EAU CLAIR, WI	DEC 02	MAY 03		
FY04	34	110,824	AFMC/WR-ALC	DO/IDIQ	NORTHWESTERN, EAU CLAIR, WI	DEC 03	APR 04	Y	
FY05	49	103,816	AFMC/WR-ALC	DO/IDIQ	NORTHWESTERN, EAU CLAIR, WI	DEC 04	APR 05	Y	

REMARKS:

BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)	DATE: FEBRUARY 2003
APPROP CODE/BA: OPAF/VEHICULAR EQUIPMENT	**P-1 NOMENCLATURE:** TRACTOR, TOW, FLIGHTLINE

	FY2002	FY2003	FY2004	FY2005	FY2006	FY2007	FY2008	FY2009
QUANTITY								
COST (in Thousands)	$5,195	$7,849	$6,052	$4,396	$4,696	$5,217	$6,502	$10,521

Description:

The Flight Line Tow Tractor (FLTT) is a diesel engine, two and four wheel drive tow tractor. The FLTT tows aircraft (i.e., F15, F16, small passenger carrying aircraft and helicopters), Aerospace Ground Equipment (AGE) and munitions trailers. The FLTT is nuclear certified and is the prime mover for powered and non-powered AGE for aircraft launch, recovery, and maintenance actions. The FLTT is essential for day to day flightline operations and is absolutely vital to sortie production during contingencies. Major Commands, including the Pacific Air Forces, Air Force Material Command, United States Air Forces Europe, Air Combat Command, and Air Mobility Command operate this vehicle in direct mission support roles. Depending on terrain and mission requirements, various configurations may be procured (e.g. heavy winterization, four-wheel drive).

Items requested in FY04 on the P-40a are representative of items to be procured. Items procured during execution may change based on critical equipment needed to support current Air Force mission requirements. Our total inventory objective for the Flightline Tow Tractor is 3,247. Our current procurement requirement for shortages/replacements is 1,483. Fiscal constraints limit FY04 purchase to 167.

BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITEMS (EXHIBIT P- 40A)	DATE: FEBRUARY 2003
APPROP CODE/BA: OPAF/VEHICULAR EQUIPMENT	**P-1 NOMENCLATURE:** TRACTOR, TOW, FLIGHTLINE

PROCUREMENT ITEMS	ID CODE	FY2002		FY2003		FY2004		FY2005	
		QTY.	COST	QTY.	COST	QTY.	COST	QTY.	COST
TRAC TOW FLT (BPAC 3332)	A	138	$5,195	215	$7,849	167	$6,052	119	$4,396
Totals:		138	$5,195	215	$7,849	167	$6,052	119	$4,396

Remarks:

	P-1 ITEM NO 21		PAGE NO: 58		Page 1 of 1

BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P- 5A) | **DATE:** FEBRUARY 2003

APPROP CODE/BA:
OPAF/VEHICULAR EQUIPMENT

P-1 NOMENCLATURE:
TRACTOR, TOW, FLIGHTLINE

ITEM / FISCAL YEAR	QTY.	UNIT COST	LOCATION OF PCO	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWD. DATE	DATE FIRST DEL.	SPECS AVAIL NOW	DATE REV. AVAIL
TRAC TOW FLT (BPAC 3332)									
FY02	138	37,645	AFMC/WR-ALC	OPT/FFP	STINAR CORP, ST. PAUL MN	SEP 02	JUL 03		
FY03	215	36,507	AFMC/WR-ALC	OPT/FFP	STINAR CORP, ST. PAUL MN	JAN 03	FEB 04		
FY04	167	36,239	AFMC/WR-ALC	OPT/FFP	STINAR CORP, ST. PAUL MN	DEC 03	JAN 05	Y	
FY05	119	36,941	AFMC/WR-ALC	C/FFP W/OPT	(UNKNOWN)	MAR 05	SEP 05	Y	

REMARKS:
The basic contract was awarded 28 June 2002, F09603-02-C-0360, Stinar Corp. St. Paul, MN. Basic contract was for FY01 requirements with 3 option years

	P-1 ITEM NO		PAGE NO:		Page 1 of 1
	21		59		

BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)							DATE: FEBRUARY 2003
APPROP CODE/BA: OPAF/VEHICULAR EQUIPMENT			P-1 NOMENCLATURE: TRUCK, HYDRANT FUEL				

	FY2002	FY2003	FY2004	FY2005	FY2006	FY2007	FY2008	FY2009
QUANTITY								
COST (in Thousands)	$6128	$7,867	$1,397	$1,422	$2,026	$1,921	$1,632	$1,357

Description:

The Hydrant Fuel Truck is a truck-mounted piece of equipment designed to control fuel flow from an in-ground installed, pressurized fuel system into an aircraft or vice versa. Flowing up to 1,000 gallons of fuel per minute, it permits quicker loading (compared to above-ground R-11 Refueler Truck) of fuel onto large fuel capacity aircraft such as the C-5, C-17, C-141, B1, B-52, and C-130, supporting MAJCOMs worldwide. Without Hydrant Fuel Trucks, pressurized fuel systems cannot be used, requiring the use of refueling truck vehicles thus, increasing fuel loads required for tanker trucks and aircraft servicing time (compared to Hydrant Fuel Trucks) to load one aircraft with fuel, which could impact/delay the mission.

Items requested in FY04 on the P-40a are representative of items to be procured. Items procured during execution may change based on critical equipment needed to support current Air Force mission requirements. Our total inventory objective for this truck is 293. Our current procurement requirement for shortages/replacements is 107. Fiscal constraints limit FY04 purchase to 8.

BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITEMS (EXHIBIT P- 40A)	DATE: FEBRUARY 2003
APPROP CODE/BA: OPAF/VEHICULAR EQUIPMENT	**P-1 NOMENCLATURE:** TRUCK, HYDRANT FUEL

PROCUREMENT ITEMS	ID CODE	FY2002		FY2003		FY2004		FY2005	
		QTY.	COST	QTY.	COST	QTY.	COST	QTY.	COST
TRK HYDRANT FUEL 3581	A	39	$6128	50	$7,867	8	$1,397	8	$1,422
Totals:		39	$6,128	50	$7,867	8	$1,397	8	$1,422

Remarks:

	P-1 ITEM NO 22		PAGE NO: 61		Page 1 of 1

BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P- 5A)	DATE: FEBRUARY 2003
APPROP CODE/BA: OPAF/VEHICULAR EQUIPMENT	**P-1 NOMENCLATURE:** TRUCK, HYDRANT FUEL

ITEM / FISCAL YEAR	QTY.	UNIT COST	LOCATION OF PCO	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWD. DATE	DATE FIRST DEL.	SPECS AVAIL NOW	DATE REV. AVAIL
TRK HYDRANT FUEL 3581									
FY02	39	157,128	AFMC/WR-ALC	OPT - OPTION/FFP	KOVATCH, NESQUEHONING PA	MAR 02	AUG 02		
FY03	50	157,340	AFMC/WR-ALC	C/FFP	UNKNOWN	MAR 03	MAR 04	Y	
FY04	8	174,625	AFMC/WR-ALC	OPT/FFP	UNKNOWN	DEC 03	MAY 05	Y	
FY05	8	177,750	AFMC/WR-ALC	OPT/FFP	UNKNOWN	DEC 04	JUL 05	Y	

REMARKS:

	P-1 ITEM NO 22		PAGE NO: 62		Page 1 of 1

BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)	DATE: FEBRUARY 2003
APPROP CODE/BA: OPAF/VEHICULAR EQUIPMENT	**P-1 NOMENCLATURE:** ITEMS LESS THAN $5,000,000 (SPECIAL PURPOSE)

	FY2002	FY2003	FY2004	FY2005	FY2006	FY2007	FY2008	FY2009
QUANTITY								
COST (in Thousands)	$21,705	$21,051	$24,028	$57,361	$54,228	$48,491	$54,313	$48,143

Description:

Includes special purpose vehicles with a procurement value of less than $5,000,000. These vehicles include Flightline, Maintenance and Facility Vehicles essential to base and flying operations. Items requested in FY04 are identified on the following P-40A I/L and are representative of items to be procured. Items procured during execution may change based on critical equipment needed to support current Air Force mission requirements.

BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITEMS (EXHIBIT P- 40A-IL)	DATE: FEBRUARY 2003
APPROP CODE/BA: OPAF/VEHICULAR EQUIPMENT	**P-1 NOMENCLATURE:** ITEMS LESS THAN $5,000,000 (SPECIAL PURPOSE)

PROCUREMENT ITEMS	NSN	FY2004		FY2005	
		QTY.	COST	QTY.	COST
TRUCK, REF LOADPACKER (BPAC 3991001)	2320008337514	1	$123	12	$1,504
SEMITRAILER, REF COMPACTION 65 CUBIC YARD (BPAC 3991004)	2330000946014			1	$62
TRUCK, FRONT LOAD REFUSE (BPAC 3991007)	2320014706102			3	$535
TRUCK, REAR HOIST REFUSE (BPAC 3991008)	2320014679406	2	$215		
TRAILER, CABLE REL 10T (BPAC 3992003)	2330004207079	1	$83	12	$1,021
TRUCK, TANK A24 (BPAC 3993001)	2320000898979	5	$288	17	$998
TRUCK, LIQUID NITROGEN C5A (BPAC 3993002)	2320000999346	3	$749	3	$764
TRUCK, TANK 1200 GAL 4X2 (BPAC 3993008)	2320001776777	9	$796	26	$2,467
TRUCK, TANK 1200 GAL 4X2 GERMANY (BPAC 3993009)	2320001776777	6	$385		
TRUCK, TANK 1200 GAL 4X4 (BPAC 3993010)	2320001776778	5	$522	22	$2,457
TRUCK, TANK WATER (BPAC 3993015)	2320014652737			2	$223
SEMITRAILER, TANK GAS 5000G R-10 (BPAC 3994001)	2330008441684			9	$880
SEMITRAILER, TANK LO/LN (BPAC 3994002)	2330006240505	1	$163	4	$665
TRAILER, A1B FUEL (BPAC 3994003)	2330002898934			10	$225
SEMITRAILER TANK UDMH (BPAC 3994005)	2330008563494			2	$716
TRAILER, CHEMICAL TETROXIDE (BPAC 3994006)	2330008563495			2	$710
SEMITRAILER, TANK LO/LN RECH (BPAC 3994007)	2330006843650			4	$987
SEMITRAILER, WATER DIST 5500G (BPAC 3994010)	3825005703417	2	$181	3	$276

BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITEMS (EXHIBIT P- 40A-IL)	DATE: FEBRUARY 2003
APPROP CODE/BA: OPAF/VEHICULAR EQUIPMENT	**P-1 NOMENCLATURE:** ITEMS LESS THAN $5,000,000 (SPECIAL PURPOSE)

PROCUREMENT ITEMS	NSN	FY2004		FY2005	
		QTY.	COST	QTY.	COST
SEMITRAILER, V ACRD 10 TON (BPAC 3994017)	2330008359037			2	$54
SEMITRAILER, COMP GAS 38 CYL (BPAC 3994018)	2330009955613			4	$889
TRAILER, WATER M-149 400 GAL (BPAC 3996003)	2330000606511	4	$59	22	$309
TRAILER, CHASSIS M-103 (BPAC 3996004)	2330001418052			7	$96
DOLLY SET, 1022A1 (BPAC 3996006)	2330013789997			16	$731
TRAILER, ISO CONTAINER M872 (BPAC 3996053)	2330011421385	2	$75	17	$652
TRUCK, TANK FUEL M-49 (BPAC 3996062)	2320008358523			3	$343
REFRIGERATOR VAN 19000 GVW (BPAC 3997001)	2320007704467	3	$210	15	$1,273
SHOP VAN 4X2 19 GROSS VEHICLE WEIGHT (BPAC 3997004)	2320008188015	2	$83	10	$422
SHOP VAN 4X4 (BPAC 3997005)	2320008562480	1	$60	16	$976
TRUCK, MISSILE VAN (BPAC 3997006) PEC 11213	2320013755833	7	$777	2	$227
TRUCK, SERVICING HI-LIFT 3T FOR C5A (BPAC 3999001)	2320013056339	2	$345	1	$276
TRUCK, HI-LIFT 9T STAKE & PLATFORM (BPAC 3999002)	2320005403991	2	$358	12	$2,395
TRUCK, HI-LIFT 3T (BPAC 3999003)	2320005403489	1	$129	5	$661
TRUCK, TELEPHONE MAINTENANCE 6 PAX (BPAC 399A001) PEC 11213 (4EA)	2320004512184	16	$579	2	$74
TRUCK, TELEPHONE LINE CONSTRUCTION C/REEL (BPAC 399A004)	2320013727398	1	$150	15	$1,768
TRUCK, MAINTENANCE 3/4 T 4X4 (BPAC 399A006)	2320005411714	43	$1,343	28	$958
TRUCK, HI REACH 45 FT (BPAC 399A007)	2320009955610YW	4	$457	20	$2,533

BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITEMS (EXHIBIT P- 40A-IL)	DATE: FEBRUARY 2003
APPROP CODE/BA: OPAF/VEHICULAR EQUIPMENT	**P-1 NOMENCLATURE:** ITEMS LESS THAN $5,000,000 (SPECIAL PURPOSE)

PROCUREMENT ITEMS	NSN	FY2004		FY2005	
		QTY.	COST	QTY.	COST
TRUCK, HI REACH 65 FT (BPAC 399A008)	2320009897163YW	5	$807	11	$1,913
TRUCK, HI REACH 100 FT (BPAC 399A009)	2320004869951YW	1	$221	2	$451
TRUCK, TELEPHONE MAINTENANCE STANDARD UTIL (BPAC 399A010)	2320008019193	30	$926	45	$1,519
TRUCK, MOUNTED DIGGER DERRICK 6X4 (BPAC 399A012)	2320004558464	7	$1,424	17	$3,183
TRUCK, MAINTENANCE S-55 4X2 (BPAC 399A013)	2320010307370			1	$156
TRUCK, MAINTENANCE S-55 4X4 (BPAC 399A014)	2320010385067			1	$166
TRUCK, MAINTENANCE S-70 4X4 (BPAC 399A015)	2320004866630			1	$148
TRUCK, MAINTENANCE 3/4T 4X4 JAPAN (BPAC 399A016)	2320005411714	1	$19	12	$230
TRAILER, MISILE MAINTENANCE III LGM30 (BPAC 3991017)	2330010353365			1	$29
TRUCK, TELEPHONE MAINTENANCE STD 4X2 JAPAN (BPAC 3991019)	2320008019193	6	$159	8	$216
TRUCK, TELEPHONE MAINTENANCE 1 TON (BPAC 399A021)	2320013437375	12	$395	11	$370
TRUCK, TELEPHONE MAINTENANCE STD 4X2 US (BPAC 399A022)	2320008019193	11	$188		
TRUCK, TELEPHONE MAINTENANE CREW CAB 4X4 (BPAC 399A025)	2320013951368			1	$34
TRUCK, MAINTENANCE DIGGER DERRICK 6X4 (BPAC 399A026)	2320013977528	6	$1,050	7	$1,250
TRUCK, MAINTENANCE HI REACH 70FT (BPAC 399A028)	2320014627879	1	$130		
TRUCK, TELEPHONE MAINTENANCE EXT CAB 4X4 (BPAC 399A029)	2320014786281			3	$91
TRUCK, 3 TON STAKE AND PLATFORM (BPAC 399B001)	2320009354696			2	$267
TRUCK, HYDRANT HOSE R-12 (BPAC 399B002)	2320011252481	10	$1,441	10	$1,471
TRUCK, VAN CUSTOMIZED (BPAC 399B005)	2320010031959			1	$242

	P-1 ITEM NO 23		PAGE NO: 66		Page 3 of 4

BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITEMS (EXHIBIT P- 40A-IL) | **DATE:** FEBRUARY 2003

APPROP CODE/BA:
OPAF/VEHICULAR EQUIPMENT

P-1 NOMENCLATURE:
ITEMS LESS THAN $5,000,000 (SPECIAL PURPOSE)

PROCUREMENT ITEMS	NSN	FY2004		FY2005	
		QTY.	COST	QTY.	COST
SEMI-TRAILER, VAN REFRIG 7.5T (BPAC 399B011)	2330008815306	1	$43		
TRAILER, VAN EXP (BPAC 399B012)	2330005288812			2	$292
RECRUITING VAN (BPAC 399B016)	2320009504238	1	$3,626	1	$3,703
TRAILER, VAN 3 TON M-242 (BPAC 399B019)	2330008358621	1	$12		
TRUCK, VAN ANIMAL TRANSPORT (BPAC 399B029)	2320010771372			1	$67
VAN MULTI-PURPOSE SERVICE (BPAC 399B030)	2320013180935			1	$39
TRACTOR, TOW MB-2 (BPAC 399C002)	1740001438464YW	20	$2,123	37	$4088
TRACTOR, U30 AIRCRAFT TOWING AS32U (BPAC 399C003)	1740013679485YW	10	$1,895	24	$4,339
TRACTOR, FLIGHT TOW, 4X4 (BPAC 399C017)	1740014524117YW	14	$630	11	$1,199
WRECKER, TILT BED (BPAC 399E001)	2320013804755	3	$291	6	$595
TRUCK, WRECKER 4X2 32GVW HYD TYPE 1 (BPAC 399E004)	2320013033010	2	$256	10	$1,307
TRUCK, WRECKER 6X4 44.5GVW (BPAC 399E005)	2320011306353	1	$152	2	$310
TRUCK, WRECKER 21,000 GVW (BPAC 399E006)	2320007264347	1	$110	5	$559
TOTALS:			$24,028		$57,361

BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)	DATE: FEBRUARY 2003
APPROP CODE/BA: OPAF/VEHICULAR EQUIPMENT	**P-1 NOMENCLATURE:** TRUCK, CRASH P-19

	FY2002	FY2003	FY2004	FY2005	FY2006	FY2007	FY2008	FY2009
QUANTITY								
COST (in Thousands)	$0	$0	$4,836	$18,220	$16,520	$20,457	$11,838	$6,802

Description:

This aircraft rescue and fire fighting truck equips our bases with a vehicle capable of rapidly extinguishing aircraft fires. The crash rescue truck is essential to the support and operation of the base's aircraft mission of incoming and outgoing flights. The truck is a mandatory safety flight line operational requirement. This truck also provides aircraft fire fighting capability for Air National Guard and Air Force Reserve installations located at municipal airports. The total AF P-19 (crash rescue vehicle) requirement is a function of the type and size of the aircraft frequenting the aerial facility. The requiremnt is driven by the number of gallons/minute the fire/crash rescue truck can pump to extinguish the fire. Standards are outlined and determined by national safety organizations such as the National Fire Protection Association (NFPA).

For FY02 and FY03 These vehicles appear in "Items Less Than $5 Million (Fire Fighting)".

Items requested in FY04 are representative of items to be procured. Items procured during execution may change based on critical equipment needed to support current Air Force mission requirements. Our total inventory objective for this crash rescue truck is 555. Our current procurement requirement for shortages/replacements is 421. Fiscal constraints limit FY04 purchase to 10.

BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITEMS (EXHIBIT P- 40A)	DATE: FEBRUARY 2003
APPROP CODE/BA: OPAF/VEHICULAR EQUIPMENT	**P-1 NOMENCLATURE:** TRUCK, CRASH P-19

PROCUREMENT ITEMS	ID CODE	FY2002		FY2003		FY2004		FY2005	
		QTY.	COST	QTY.	COST	QTY.	COST	QTY.	COST
TRUCK CRASH P-19 BPAC 4012	A					10	$4,836	37	$18,220
Totals:						10	$4,836	37	$18,220

Remarks:

	P-1 ITEM NO 24		PAGE NO: 69		Page 1 of 1

BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P- 5A)	DATE: FEBRUARY 2003
APPROP CODE/BA: OPAF/VEHICULAR EQUIPMENT	**P-1 NOMENCLATURE:** TRUCK, CRASH P-19

ITEM / FISCAL YEAR	QTY.	UNIT COST	LOCATION OF PCO	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWD. DATE	DATE FIRST DEL.	SPECS AVAIL NOW	DATE REV. AVAIL
TRUCK CRASH P-19 BPAC 4012									
FY04	10	483,600	AFMC/WR-ALC	MIPR/IDIQ	DSCP (UNKNOWN)	JAN 04	OCT 04	Y	
FY05	37	492,432	AFMC/WR-ALC	MIPR/IDIQ	DSCP (UNKNOWN)	JAN 05	OCT 05	Y	

REMARKS:
FY02 and FY03 ARE IN ITEMS LESS THAN $5 MILLION (FIRE FIGHTING)

DEFENSE SUPPLY CENTER PHILADELPHIA (DSCP)

	P-1 ITEM NO 24		PAGE NO: 70		Page 1 of 1

BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)	DATE: FEBRUARY 2003
APPROP CODE/BA: OPAF/VEHICULAR EQUIPMENT	**P-1 NOMENCLATURE:** ITEMS LESS THAN $5,000,000 (FIRE FIGHTING)

	FY2002	FY2003	FY2004	FY2005	FY2006	FY2007	FY2008	FY2009
QUANTITY								
COST (in Thousands)	$5,053	$9,925	$5,564	$6,310	$8,007	$4,186	$13,253	$18,707

Description:

This P-1 line includes fire fighting vehicles with a procurement value of less than $5,000,000 and are Code A items. These vehicles provide critical capability in support of Aircraft Crash/Recovery, Personnel Rescue, and Hazardous Material mishaps. Items requested in FY04 are identified on the following P-40A I/L and are representative of items to be procured. Items procured during execution may change based on critical equipment needed to support current Air Force mission requirements. The types of items contained within this P-1 line are critical (deployed) assets used in direct support of Air Force units engaged in Operations Enduring Freedom and Noble Eagle.

In FY02, the AF Vehicle Replacement Program received $14.8M as part of the Defense Emergency Relief Fund (DERF). This funding was used to procure 50 Fire Fighting vehicles in support of Operation Noble Eagle.

BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITEMS (EXHIBIT P- 40A-IL) | **DATE:** FEBRUARY 2003

APPROP CODE/BA:
OPAF/VEHICULAR EQUIPMENT

P-1 NOMENCLATURE:
ITEMS LESS THAN $5,000,000 (FIRE FIGHTING)

PROCUREMENT ITEMS	NSN	FY2004		FY2005	
		QTY.	COST	QTY.	COST
P-23 CRASH TRUCK (BPAC 4991)	4210007026801	1	$564	4	$2,090
TRUCK FIRE HI-REACH P-21 (BPAC 4993)	4210010570696	2	$1,425	1	$717
P-19 CRASH TRUCK (BPAC 499C)	4210004069615	3	$1,788		
P-26 WATER TRUCK (BPAC 499D)	4210013564907			3	$781
TRUCK, FIRE PUMPER (BPAC 499F)	4210002244564	4	$994	9	$2,213
HAZARDOUS MATERIAL VEHICLE (HMV) (BPAC 499G)	4210013965219	1	$241		
HEAVY RESCUE VEHICLE (BPAC 499H)	4210013696048	1	$257		
TRUCK, FIRE FIGHTING MEDIUM RESCUE (BPAC 499J)	4210014525121	1	$185	2	$398
TRUCK, SMALL RESCUE (BPAC 499M)	499M	1	$110	1	$111
TOTALS:			$5,564		$6,310

BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)	DATE: FEBRUARY 2003
APPROP CODE/BA: OPAF/VEHICULAR EQUIPMENT	**P-1 NOMENCLATURE:** TRUCK, F/L 10,000 LB

	FY2002	FY2003	FY2004	FY2005	FY2006	FY2007	FY2008	FY2009
QUANTITY								
COST (in Thousands)	$5,542	$14,431	$8,510	$15,264	$20,087	$23,693	$37,086	$27,659

Description:

This family of vehicles consists of commercial 10,000 pound forklifts with diesel engines and pneumatic tires. These vehicles are air transportable and nuclear certified. These forklifts constitute the basic 463L air cargo system support vehicles to handle the AF standard 108" X 88" pallets which lock in the flooring of all AF cargo aircraft. They are compatible with and support all strategic and tactical airlift aircraft except the wide-body Civil Reserve Air Fleet (CRAF) aircraft. The standard configuration is the most widely used 463L asset in the fleet and is employed at every base with an air cargo mission. The all-terrain version is utilized in close combat support roles in austere environments and provides support for the full spectrum of Air Force contingency operations. The Air Mobility Command (AMC) and other commands must replace these assets to assure continued support of the airlift mission for all services.

Over 50% of the current 10,000 LB forklift fleet is replacement eligible. These critical vehicles prevent major delays in loading outbound aircraft, particularly intra-theater C-130 re-supply missions. Base operations such as aircraft loading operations, cargo build-up and pre-positioning would be drastically affected by lack of 463L all-terrain forklifts. During a contingency, deploying units would not be able to meet taskings. At many forward operating locations there is no alternative vehicle to accomplish cargo loading. Loading ramps and cargo storage areas are unpaved and the AF has no aircraft loaders that operate in sand or off-road conditions. These all-terrain forklifts are the only forklifts capable of recovering air dropped munitions, supplies and equipment.

Items requested in FY04 are identified on the P-40A and are representative of the items to be procured. Items procured during execution may change based on critical equipment needed to support current Air Force mission requirements. Our total inventory objective for the10,000LB forklift is 3,011. Our current procurement requirement for shortages/replacements is 2,289. Fiscal constraints limit FY04 purchase to 93.

BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITEMS (EXHIBIT P- 40A)	DATE: FEBRUARY 2003
APPROP CODE/BA: OPAF/VEHICULAR EQUIPMENT	**P-1 NOMENCLATURE:** TRUCK, F/L 10,000 LB

PROCUREMENT ITEMS	ID CODE	FY2002		FY2003		FY2004		FY2005	
		QTY.	COST	QTY.	COST	QTY.	COST	QTY.	COST
TRUCK, FORKLIFT 10K ADVERSE TERRAIN (BPAC 5031)	A	45	$4,560	73	$8,961	37	$4,686	71	$9,183
TRUCK, FORKLIFT 10K STD (BPAC 5032)	A	17	$982	84	$5,470	56	$3,824	87	$6,081
Totals:		62	$5,542	157	$14,431	93	$8,510	158	$15,264

Remarks:

	P-1 ITEM NO 26		PAGE NO: 74		Page 1 of 1

BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P- 5A)	DATE: FEBRUARY 2003
APPROP CODE/BA: OPAF/VEHICULAR EQUIPMENT	**P-1 NOMENCLATURE:** TRUCK, F/L 10,000 LB

ITEM / FISCAL YEAR	QTY.	UNIT COST	LOCATION OF PCO	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWD. DATE	DATE FIRST DEL.	SPECS AVAIL NOW	DATE REV. AVAIL
TRUCK, FORKLIFT 10K ADVERSE TERRAIN (BPAC 5031)									
FY02	45	101,333	AFMC/WR-ALC	MIPR/IDIQ	DLA/DSCP (CATAPILLER, CLAYTON, NC)	FEB 03	OCT 03		
FY03	73	122,753	AFMC/WR-ALC	MIPR/IDIQ	DLA/DSCP (CATAPILLER, CLAYTON, NC)	FEB 03	JAN 04	Y	
FY04	37	126,649	AFMC/WR-ALC	MIPR/IDIQ	DLA/DSCP (CATAPILLER, CLAYTON, NC)	FEB 04	OCT 04	Y	
FY05	71	129,338	AFMC/WR-ALC	MIPR/IDIQ	DLA/DSCP (CATAPILLER, CLAYTON, NC)	FEB 05	OCT 05	Y	
TRUCK, FORKLIFT 10K STD (BPAC 5032)									
FY02	17	57,765	AFMC/WR-ALC	MIPR/IDIQ	DLA/DSCP (HYSTER, DANVILLE, IL)	JUN 02	FEB 03		
FY03	84	65,115	AFMC/WR-ALC	MIPR/IDIQ	DLA/DSCP (HYSTER, DANVILLE, IL)	FEB 03	OCT 03	Y	
FY04	56	68,286	AFMC/WR-ALC	MIPR/IDIQ	DLA/DSCP (HYSTER, DANVILLE, IL)	FEB 04	OCT 04	Y	
FY05	87	69,892	AFMC/WR-ALC	MIPR/IDIQ	DLA/DSCP (HYSTER, DANVILLE, IL)	FEB 05	OCT 05	Y	

REMARKS:

	P-1 ITEM NO 26		PAGE NO: 75		Page 1 of 1

BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)	DATE: FEBRUARY 2003
APPROP CODE/BA: OPAF/VEHICULAR EQUIPMENT	**P-1 NOMENCLATURE:** HALVORSEN LOADER

	FY2002	FY2003	FY2004	FY2005	FY2006	FY2007	FY2008	FY2009
QUANTITY	109	86	30	0	0	0	0	0
COST (in Thousands)	$52,842	$49,074	$19,339	$0	$0	$0	$0	$0

Description:

Requested fundsare used to procure the Halvorsen Loader (previously, Next Generation Small Loader (NGSL)) and associated program/supply support. The Halvorsen will replace the oldest 25K loaders and remaining Wide-Body Elevator Loaders (WBEL).

The Halvorsen handles all configurations of air cargo, including 463L pallets, commercial pallets, Army Type V airdrop platforms, container delivery systems loads, international standard organization containers, and rolling stock. The Halvorsen accommodates three pallets, loads and off-loads a maximum of 25,000 pounds up to a height of 18.5 feet (to accommodate 747 aircraft) and has a lowering capacity to 39 inches (to accommodate C-130 aircraft). It interfaces with current and planned military cargo aircraft, current civilian model aircraft utilized by commercial carriers, and the Civil Reserve Air Fleet. Unlike the Tunner (60K Aircraft Loader), the Halvorsen is C-130 transportable, further enhancing the Air Force's ability to support rapid deployment to austere operating locations.

The Air Force needs to replace its fleet of aging, worn-out, limited-capability materiel handling equipment (MHE). Many existing 25K loaders exceed their service life expectancy and are sustained by continual depot overhaul and intensive base-level maintenance. In addition, nearly 67 percent of the legacy 25K loaders are over 36 years old and are prone to frame cracks, thus limiting the ability of an overhaul to reasonably extend the service life.

The Halvorsen, in conjunction with the Tunner, is an integral part of the airlift system during peacetime logistics missions and assures minimum ground times for increased capability during wartime and contingency surges.

FY04 procurement will complete the programmed procurement of Halversen aircraft loaders.

WEAPON SYSTEM COST ANALYSIS (EXHIBIT P- 5)		DATE: FEBRUARY 2003
APPROP CODE/BA: OPAF/VEHICULAR EQUIPMENT	**P-1 NOMENCLATURE:** HALVORSEN LOADER	

WEAPON SYSTEM COST ELEMENTS	IDENT CODE	FY2002			FY2003			FY2004			FY2005		
		QTY	UNIT COST	TOTAL COST	QTY	UNIT COST	TOTAL COST	QTY	UNIT COST	TOTAL COST	QTY	UNIT COST	TOTAL COST
HALVORSEN LOADER (BPAC 5151)	A	109	410,812	44,822	86	414,093	35,612	30	420,505	12,615			
PRODUCT SUPPORT (BPAC 5152)				5,037			10,542			5,459			
DATA (BPAC 5153)				1,027			882			50			
SUPPLY SUPPORT (BPAC 5154)				1,956			2,038			1,215			
TOTALS:		109		52,842	86		49,074	30		19,339			

REMARKS:

	P-1 ITEM NO 28		PAGE NO: 77		Page 1 of 1

BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P- 5A)	DATE: FEBRUARY 2003
APPROP CODE/BA: OPAF/VEHICULAR EQUIPMENT	**P-1 NOMENCLATURE:** HALVORSEN LOADER

ITEM / FISCAL YEAR	QTY.	UNIT COST	LOCATION OF PCO	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWD. DATE	DATE FIRST DEL.	SPECS AVAIL NOW	DATE REV. AVAIL
HALVORSEN LOADER (BPAC 5151)									
FY02	109	410,812	AFMC/ASC	OPT/FFP	FMC - ORLANDO, FLORIDA	NOV 01	JUN 02		
FY03	86	414,093	AFMC/ASC	OPT/FFP	FMC - ORLANDO, FLORIDA	OCT 02	JAN 03		
FY04	30	420,505	AFMC/ASC	OPT/FFP	FMC - ORLANDO, FLORIDA	OCT 03	JAN 04	Y	

REMARKS:
Basic contract, competetive (full & open competition). Initially let June 2000 - protested, performance commenced Sep 2000. 15 year contract total value $458M. Contract Number F33657-00-D-0023.

	P-1 ITEM NO 28		PAGE NO: 78		Page 1 of 1

PRESIDENT'S BUDGET PRODUCTION SCHEDULE (EXHIBIT P- 21) | **DATE:** FEBRUARY 2003

APPROP CODE/BA:
OPAF/VEHICULAR EQUIPMENT

P-1 NOMENCLATURE:
HALVORSEN LOADER

ITEM/MANUFACTURER/ PROCUREMENT YEAR	SERV.	PROC. QTY.	ACCEP. PRIOR TO 1 OCT.	BAL DUE AS OF 1 OCT.	2002	CALENDAR 2003											CALENDAR 2004											Later
						FY2003											FY2004											
					OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
HALVORSEN LOADER																												
FY02	AF	109	61	48	14	13	9	12																				
FY03	AF	86	0	86	C			1	8	9	9	9	8	8	9	7	6	6	6									
FY04	AF	30	0	30													C			3	3	3	3	3	3	3	3	3
TOTALS		225	61	164	14	13	9	13	8	9	9	9	8	8	9	7	6	6	6	3	3	3	3	3	3	3	3	3

ITEM/MANUFACTURER/ PROCUREMENT YEAR	SERV.	PROC. QTY.	ACCEP. PRIOR TO 1 OCT.	BAL DUE AS OF 1 OCT.	2004	CALENDAR 2005											CALENDAR 2006											Later
						FY2005											FY2006											
					OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
HALVORSEN LOADER																												
FY02	AF	109	109	0																								
FY03	AF	86	86	0																								
FY04	AF	30	27	3	3																							
TOTALS		225	222	3	3																							

MANUFACTURER'S NAME AND LOCATION	PRODUCTION RATES MIN SUST	1-8-5	MAX			PROCUREMENT LEAD TIME ADMIN LEAD TIME PRIOR TO 1 OCT	ADMIN LEAD TIME AFTER 1 OCT	MANUFACT. PLT	TOTAL 1 OCT
FMC - ORLANDO FL	3	10	15						
					INITIAL	0	7	10	17
					REORDER	0	1	2	3

REMARKS:
IF THERE IS A PRODUCTION BREAK; (REORDER AFTER 1 OCT =2) + (MANUFACTURES PRODUCTION LEAD TIME = 7) (TOTAL AFTER 1 OCT = 9).

	P-1 ITEM NO: 28		**PAGE NO:** 79		Page 1 of 1

BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)	DATE: FEBRUARY 2003
APPROP CODE/BA: OPAF/VEHICULAR EQUIPMENT	**P-1 NOMENCLATURE:** ITEMS LESS THAN $5,000,000 (MATERIALS HANDL EQUIP)

	FY2002	FY2003	FY2004	FY2005	FY2006	FY2007	FY2008	FY2009
QUANTITY								
COST (in Thousands)	$4,303	$10,818	$9,423	$6,574	$6,955	$8,102	$7,714	$15,412

Description:

This program includes various material handling vehicles with a procurement value of less than $5,000,000. These vehicles consist of Lifting Trucks, Sequencing Trucks, and other warehouse equipment critical to depot and base supply operations. Items requested in FY04 are identified on the P-40A I/L and are representative of items to be procured. Items procured during execution may change based on critical equipment needed to support current Air Force mission requirements.

BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITEMS (EXHIBIT P- 40A-IL) | **DATE:** FEBRUARY 2003

APPROP CODE/BA:
OPAF/VEHICULAR EQUIPMENT

P-1 NOMENCLATURE:
ITEMS LESS THAN $5,000,000 (MATERIALS HANDL EQUIP)

PROCUREMENT ITEMS	NSN	FY2004		FY2005	
		QTY.	COST	QTY.	COST
FORKLIFT, 4K NARROW AISLE ELECTRIC (BPAC 599102)	3930001813113	1	$31		
FORKLIFT, 13K ALL TERRAIN (BPAC 5991003)	3930011260457CT	11	$1,596	2	$296
FORKLIFT, ELECTRIC 4K STANDARD 144 (BPAC 5991005)	3930000539175	7	$253	5	$184
FORKLIFT, ELECTRIC 2K STANDARD (BPAC 5991006)	3930006782580	1	$24		
FORKLIFT, 2500LB ELECTRIC (BPAC 5991009)	3930011022185	2	$49		
FORKLIFT, 2500LB DED (BPAC 5991019)	3930010396763			2	$150
FORKLIFT, 5OK AT CONTAINER HANDLER (BPAC 5991020)	3930013073658	1	$508		
TRUCK, FORKLIFT NARROW AISLE 4K (BPAC 591022)	3930014221657			1	$95
FORKLIFT, 10K NON-463L (BPAC 5991023)	3930010153965			2	$98
TRUCK, FORKLIFT NARROW AISLE 6K (BPAC 5991024)	3930014214083	10	$1,273	5	$650
FORKLIFT, 25K (BPAC 5991025)	3930013904562	2	$284		
FORKLIFT, 6K DED (BPAC 5991026)	3930010525219	48	$1,272	42	$1,169
FORKLIFT, 4K DED (BPAC 5991027)	3930010130338	20	$522	18	$477
FORKLIFT, 6K RT (BPAC 5991029)	3930008792157	2	$86	10	$439
FORKLIFT, 5K ALL TERRAIN 23.5FT RT BOOM (BPAC 5991033)	3930012104756	1	$89	7	$633
FORKLIFT, 5K COMMERCIAL (BPAC 5991035)	3930014330885	8	$214	2	$54
FORKLIFT, 6K COMMERCIAL (BPAC 5991036)	3930014330887	43	$1,228	2	$58
TRUCK, FORKLIFT 15K (BPAC 5991037)	3930014411597	7	$429	2	$125

P-1 ITEM NO 29 | **PAGE NO:** 81 |

BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITEMS (EXHIBIT P- 40A-IL) | **DATE:** FEBRUARY 2003

APPROP CODE/BA:
OPAF/VEHICULAR EQUIPMENT

P-1 NOMENCLATURE:
ITEMS LESS THAN $5,000,000 (MATERIALS HANDL EQUIP)

PROCUREMENT ITEMS	NSN	FY2004		FY2005	
		QTY.	COST	QTY.	COST
REACH STACKER (BPAC 5991053)	3930014958475	1	$328		
CRANE, WAREHOUSE GAS 10000LB (BPAC 5992005)	3950005555021			2	$180
TRUCK, MOUNTED CONVEYOR BELT (BPAC 5993001)	3930000195630	2	$72	20	$739
WHEELED CONVEYOR BELT PORTABLE (BPAC 5993002)	3910001417188			8	$684
TRACTOR, WAREHOUSE 4K (BPAC 5994007)	3930010070115	46	$1,165	21	$543
TOTALS:			$9,423		$6,574

BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)	DATE: FEBRUARY 2003
APPROP CODE/BA: OPAF/VEHICULAR EQUIPMENT	**P-1 NOMENCLATURE:** LOADER, SCOOP

	FY2002	FY2003	FY2004	FY2005	FY2006	FY2007	FY2008	FY2009
QUANTITY								
COST (in Thousands)	$136	$0	$5,656	$5,856	$0	$0	$0	$0

Description:

This program includes the procurement of a vehicle group consisting of commercial front end scoop loaders ranging from 1.5 to 4 cubic yards (CY). These vehicles are considered construction equipment and have many applications, but are used primarily by civil engineers to clear debris and other materials for both new construction sites as well as the removal of old structures. They are also used by Rapid Engineer Deployable Heavy Operational Repair Squadron, Engineering (REDHORSE) units for Rapid Runway Repair and road construction. They are crucial to civil engineering operations in base maintenance projects and in the role of mission support operations. They are used by the military in support of clean up operations following natural disasters/terrorist attacks while aiding civilian operations. Usage includes water and sewer pipe laying; telephone cable in-ground installation; and backhoe operations.

Item was funded in FY02/03, Items Less Than $5M, Base Maintenance.

Items requested in FY04 are identified on the following P-40A and are representative of items to be procured. Items procured during execution may change based on critical equipment needed to support current Air Force mission requirements. Our total inventory objective for Scoop Loaders is 1,367. Our current procurement requirement for shortages/replacements is 1069. Fiscal constraints limit FY04 purchase to 62.

BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITEMS (EXHIBIT P- 40A)	DATE: FEBRUARY 2003
APPROP CODE/BA: OPAF/VEHICULAR EQUIPMENT	**P-1 NOMENCLATURE:** LOADER, SCOOP

PROCUREMENT ITEMS	ID CODE	FY2002		FY2003		FY2004		FY2005	
		QTY.	COST	QTY.	COST	QTY.	COST	QTY.	COST
2.5CY SCOOP LDR PT (BPAC 6112)	A	0	$0	0	$0	12	$1,087	0	$0
1.5CY SCOOP LDR W/Q CPLR (BPAC 6114)	A	0	$0	0	$0	26	$2,385	0	$0
4CY SCP LDR PT (BPAC 6115)	A	1	$136	0	$0	7	$1,301	32	$5,856
SCP LDR W/BKHOE (BPAC 6118)	A					3	$156	0	$0
SCP LDR W/BKHOE (BPAC 6119)	A	0	$0	0	$0	14	$727	0	$0
Totals:		1	$136			62	$5,656	32	$5,856

Remarks:

	P-1 ITEM NO 30		PAGE NO: 84		Page 1 of 1

BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P- 5A)	DATE: FEBRUARY 2003
APPROP CODE/BA: OPAF/VEHICULAR EQUIPMENT	**P-1 NOMENCLATURE:** LOADER, SCOOP

ITEM / FISCAL YEAR	QTY.	UNIT COST	LOCATION OF PCO	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWD. DATE	DATE FIRST DEL.	SPECS AVAIL NOW	DATE REV. AVAIL
2.5CY SCOOP LDR PT (BPAC 6112)									
FY04	12	90,590	AFMC/WR-ALC	MIPR/IDIQ	DSCP (UNKNOWN)	APR 04	OCT 04	Y	
1.5CY SCOOP LDR W/Q CPLR (BPAC 6114)									
FY04	26	91,731	AFMC/WR-ALC	MIPR/IDIQ	DSCP (UNKNOWN)	FEB 04	AUG 04	Y	
4CY SCP LDR PT (BPAC 6115)									
FY02	1	136,000	AFMC/WR-ALC	MIPR/IDIQ	DSCP (CATAPILLAR)	MAY 02	SEP 02		
FY04	7	185,923	AFMC/WR-ALC	MIPR/IDIQ	DSCP (UNKNOWN)	APR 04	OCT 04	Y	
FY05	32	183,000	AFMC/WR-ALC	MIPR/IDIQ	DSCP (UNKNOWN)	APR 05	OCT 05	Y	
SCP LDR W/BKHOE (BPAC 6118)									
FY04	3	51,925	AFMC/WR-ALC	MIPR/IDIQ	DSCP (UNKNOWN)	MAR 04	SEP 04	Y	
SCP LDR W/BKHOE (BPAC 6119)									
FY04	14	51,925	AFMC/WR-ALC	MIPR/IDIQ	DSCP (UNKNOWN)	MAR 04	SEP 04	Y	

REMARKS:

	P-1 ITEM NO 30		PAGE NO: 85		Page 1 of 1

BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)	DATE: FEBRUARY 2003
APPROP CODE/BA: OPAF/VEHICULAR EQUIPMENT	**P-1 NOMENCLATURE:** TRUCK, DUMP

	FY2002	FY2003	FY2004	FY2005	FY2006	FY2007	FY2008	FY2008
QUANTITY								
COST (in Thousands)	$0	$0	$4,990	$8,795	$12,375	$10,148	$15,529	$14,554

Description:

This program includes the procurement of a vehicle group consisting of commercial dump trucks. These vehicles have many applications, but are used primarily by civil engineers to haul debris and other construction material. They provide crucial support to Rapid Runway Repair (RRR) operations and are also used for moving material at construction sites. They also provide essential combat and sustainment support for bare base construction/operation for Rapid Engineer Deployable Heavy Operational Repair Squadron, Engineering (RED HORSE). As one of the primary users, the Air National Guard (ANG) uses these vehicles in support of clean up operations following natural/manmade disasters while aiding civilian operations.

Item was funded in FY02 and FY03, Items Less Than $5M, Base Maintenance

Items requested in FY04 are identified on the following P-40A and are representative of items to be procured. Items procured during execution may change based on critical equipment needed to support current Air Force mission requirements. Our total inventory objective for dump trucks is 1,608. Our current procurement requirement for shortages/replacements is 879. Fiscal constraints limit FY04 purchase to 70.

BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITEMS (EXHIBIT P- 40A)	DATE: FEBRUARY 2003
APPROP CODE/BA: OPAF/VEHICULAR EQUIPMENT	**P-1 NOMENCLATURE:** TRUCK, DUMP

PROCUREMENT ITEMS	ID CODE	FY2002		FY2003		FY2004		FY2005	
		QTY.	COST	QTY.	COST	QTY.	COST	QTY.	COST
5T DUMP 4X2 (BPAC 6131)	A					29	$1,510	43	$2,228
5T DUMP 4X4 (BPAC 6132)	A					9	$672	19	$1,449
44.5 KGVW 6X4 DUMP (BPAC 6133)	A					30	$2,724	52	$4,819
5T DUMP 4X2 (BPAC 6136) JAPAN	A					2	$84	7	$299
Totals:						70	$4,990	121	$8,795

Remarks:

	P-1 ITEM NO 31		PAGE NO: 87		Page 1 of 1

BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P- 5A)	DATE: FEBRUARY 2003
APPROP CODE/BA: OPAF/VEHICULAR EQUIPMENT	**P-1 NOMENCLATURE:** TRUCK, DUMP

ITEM / FISCAL YEAR	QTY.	UNIT COST	LOCATION OF PCO	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWD. DATE	DATE FIRST DEL.	SPECS AVAIL NOW	DATE REV. AVAIL
5T DUMP 4X2 (BPAC 6131)									
FY04	29	52,069	AFMC/WR-ALC	MIPR/IDIQ	GSA (UNKNOWN)	MAR 04	JUL 04	Y	
FY05	43	51,814	AFMC/WR-ALC	MIPR/IDIQ	GSA (UNKNOWN)	MAR 05	JUL 05	Y	
5T DUMP 4X4 (BPAC 6132)									
FY04	9	74,710	AFMC/WR-ALC	MIPR/IDIQ	GSA (UNKNOWN)	MAR 04	JUN 04	Y	
FY05	19	76,259	AFMC/WR-ALC	MIPR/IDIQ	GSA (UNKNOWN)	MAR 05	JUN 05	Y	
44.5 KGVW 6X4 DUMP (BPAC 6133)									
FY04	30	90,794	AFMC/WR-ALC	MIPR/IDIQ	GSA (UNKNOWN)	MAR 04	OCT 04	Y	
FY05	52	92,677	AFMC/WR-ALC	MIPR/IDIQ	GSA (UNKNOWN)	MAR 05	OCT 05	Y	
5T DUMP 4X2 (BPAC 6136) JAPAN									
FY04	2	41,799	AFMC/WR-ALC	MIPR/FP	NAVY (UNKNOWN)	MAR 04	SEP 04	Y	
FY05	7	42,658	AFMC/WR-ALC	MIPR/FP	NAVY (UNKNOWN)	MAR 05	MAR 05	Y	

REMARKS:

	P-1 ITEM NO 31		PAGE NO: 88		Page 1 of 1

BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)	DATE: FEBRUARY 2003
APPROP CODE/BA: OPAF/VEHICULAR EQUIPMENT	**P-1 NOMENCLATURE:** RUNWAY SNOW REMOVAL AND CLEANING EQUIPMENT

	FY2002	FY2003	FY2004	FY2005	FY2006	FY2007	FY2008	FY2009
QUANTITY								
COST (in Thousands)	$13,994	$15,316	$16,298	$53,230	$34,727	$39,416	$32,712	$32,035

Description:

This program includes the procurement of a vehicle group consisting of commercial sweepers and snow removal vehicles that are used on all airfield surfaces to help prevent Foreign Object Damage (FOD) to aircraft engines and tires and to remove snow. Snow removal equipment includes front mounted brooms, multi-purpose blowers, and plows. Multi-purpose vacuum sweepers maintain airfields, roads, and grounds. Since fighter aircraft cannot land or take off with ice on the runway, snow removal vehicles provide critical mission support to airfield operations. Vacuum sweepers provide equally important support at all air bases due to the high cost of FOD and the potential for loss in FOD-related engine accidents. These assets are critical to the Air Force mission. They are the primary players in keeping runways safe and usable year round, especially in winter when snow and ice buildup can close down a runway. The types of items contained within this P-1 line are critical (deployed) assets used in direct support of Air Force units engaged in Operations Enduring Freedom and Noble Eagle.

Items requested in FY04 are identified on the following P-40A and are representative of items to be procured. Items procured during execution may change based on critical equipment needed to support current Air Force mission requirements. Our total inventory objective for Runway Snow Removal and Cleaning Equipment is 1,669. Our current procurement requirement for shortages/replacements is 1,047. Fiscal constraints limit FY04 purchase to 78.

BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITEMS (EXHIBIT P- 40A) | **DATE:** FEBRUARY 2003

APPROP CODE/BA:
OPAF/VEHICULAR EQUIPMENT

P-1 NOMENCLATURE:
RUNWAY SNOW REMOVAL AND CLEANING EQUIPMENT

PROCUREMENT ITEMS	ID CODE	FY2002		FY2003		FY2004		FY2005	
		QTY.	COST	QTY.	COST	QTY.	COST	QTY.	COST
CLEANER, VAC MULTIPURPOSE (BPAC 6211)	A	47	$4,433	11	$1,092	23	$2,412	33	$3,562
SNOW REMOVAL UNIT 3K TON PER HOUR (BPAC 6214)	A	5	$775	1	$165	2	$338	35	$5,949
RAPID RUNWAY REPAIR DIRT SWEEPER (BPAC 6215)	A	10	$498	1	$53			18	$998
SNOW REMOVAL UNIT 2K TON PER HOUR (BPAC 6216)								6	$920
DUMP W/SNOW PLOW (BPAC 6218)	A	12	$1,054	21	$1,916	5	$525	29	$3,100
54K PLOW (BPAC 6219)	A	3	$608	1	$208			17	$3,604
SNOW SWEEPER TRUCK MOUNTED (BPAC 621B)	A							6	$1,012
DUMP W/SNOW PLOW (BPAC 621C)	A					1	$102		
TRACKED SNOW REMOVAL UNIT (BPAC 621D)	A			1	$130				
45K REVERSIBLE PLOW (BPAC 621G)	A	23	$4,631	25	$5,274	24	$4921	58	$12,458
SNOW BROOM AND BLOWER (BPAC 621H)	A	7	$1995	20	$6,478	23	$8,000	60	$21,627
Totals:		107	$13,994	81	$15,316	78	$16,298	262	$53,230

Remarks:

	P-1 ITEM NO		PAGE NO:		
	32		90		Page 1 of 1

BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P- 5A)	DATE: FEBRUARY 2003
APPROP CODE/BA: OPAF/VEHICULAR EQUIPMENT	**P-1 NOMENCLATURE:** RUNWAY SNOW REMOVAL AND CLEANING EQUIPMENT

ITEM / FISCAL YEAR	QTY.	UNIT COST	LOCATION OF PCO	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWD. DATE	DATE FIRST DEL.	SPECS AVAIL NOW	DATE REV. AVAIL
CLEANER, VAC MULTIPURPOSE (BPAC 6211)									
FY02	47	94,315	AFMC/WR-ALC	MIPR/IDIQ	DLA/TYMCO, WACO TX	AUG 02	JAN 03		
FY03	11	99,273	AFMC/WR-ALC	MIPR/IDIQ	DLA (UNKNOWN)	MAR 03	JUL 03	Y	
FY04	23	104,869	AFMC/WR-ALC	MIPR/IDIQ	DLA (UNKNOWN)	MAR 04	JUL 04	Y	
FY05	33	107,939	AFMC/WR-ALC	MIPR/IDIQ	DLA (UNKNOWN)	MAR 05	JUL 05	Y	
SNOW REMOVAL UNIT 3K TON PER HOUR (BPAC 6214)									
FY02	5	155,000	AFMC/WR-ALC	MIPR/IDIQ	GSA, OSKOSH, OSKOSH WI	DEC 02	MAR 03		
FY03	1	165,000	AFMC/WR-ALC	MIPR/IDIQ	DLA (UNKNOWN)	MAR 03	SEP 03	Y	
FY04	2	169,000	AFMC/WR-ALC	MIPR/IDIQ	DLA (UNKNOWN)	MAR 04	SEP 04	Y	
FY05	35	169,971	AFMC/WR-ALC	MIPR/IDIQ	DLA (UNKNOWN)	MAR 05	SEP 05	Y	
RAPID RUNWAY REPAIR DIRT SWEEPER (BPAC 6215)									
FY02	10	49,800	AFMC/WR-ALC	MIPR/IDIQ	DLA/SMITH EQP, LAKELAND FL.	MAY 02	SEP 02		
FY03	1	53,000	AFMC/WR-ALC	MIPR/IDIQ	DLA (UNKNOWN)	MAR 03	JUL 03	Y	
FY05	18	55,444	AFMC/WR-ALC	MIPR/IDIQ	DLA (UNKNOWN)	MAR 05	JUL 05	Y	
SNOW REMOVAL UNIT 2K TON PER HOUR (BPAC 6216)									
FY05	6	153,333	AFMC/WR-ALC	MIPR/IDIQ	DLA (UNKNOWN)	MAR 05	SEP 05	Y	

BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P- 5A)	DATE: FEBRUARY 2003
APPROP CODE/BA: OPAF/VEHICULAR EQUIPMENT	**P-1 NOMENCLATURE:** RUNWAY SNOW REMOVAL AND CLEANING EQUIPMENT

ITEM / FISCAL YEAR	QTY.	UNIT COST	LOCATION OF PCO	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWD. DATE	DATE FIRST DEL.	SPECS AVAIL NOW	DATE REV. AVAIL
DUMP W/SNOW PLOW (BPAC 6218)									
FY02	12	87,833	AFMC/WR-ALC	MIPR/IDIQ	GSA/INT TRUCK CHICAGO, IL	APR 02	OCT 02		
FY03	21	91,238	AFMC/WR-ALC	MIPR/IDIQ	GSA (UNKNOWN)	MAR 03	SEP 03	Y	
FY04	5	105,000	AFMC/WR-ALC	MIPR/IDIQ	GSA (UNKNOWN)	MAR 04	SEP 04	Y	
FY05	29	106,897	AFMC/WR-ALC	MIPR/IDIQ	GSA (UNKNOWN)	MAR 05	SEP 05	Y	
54K PLOW (BPAC 6219)									
FY02	3	202,666	AFMC/WR-ALC	MIPR/IDIQ	GSA, OSKOSH, OSKOSH WI	JUL 02	DEC 02		
FY03	1	208,000	AFMC/WR-ALC	MIPR/IDIQ	DLA (UNKNOWN)	MAR 03	SEP 03	Y	
FY05	17	212,000	AFMC/WR-ALC	MIPR/IDIQ	DLA (UNKNOWN)	MAR 05	SEP 05	Y	
SNOW SWEEPER TRUCK MOUNTED (BPAC 621B)									
FY05	6	168,666	AFMC/WR-ALC	MIPR/IDIQ	DLA (UNKNOWN)	MAR 05	AUG 05	Y	
DUMP W/SNOW PLOW (BPAC 621C)									
FY04	1	102,000	AFMC/WR-ALC	MIPR/IDIQ	DLA (UNKNOWN)	MAR 04	SEP 04	Y	
TRACKED SNOW REMOVAL UNIT (BPAC 621D)									

BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P- 5A)	DATE: FEBRUARY 2003
APPROP CODE/BA: OPAF/VEHICULAR EQUIPMENT	**P-1 NOMENCLATURE:** RUNWAY SNOW REMOVAL AND CLEANING EQUIPMENT

ITEM / FISCAL YEAR	QTY.	UNIT COST	LOCATION OF PCO	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWD. DATE	DATE FIRST DEL.	SPECS AVAIL NOW	DATE REV. AVAIL
FY03	1	130,000	AFMC/WR-ALC	MIPR/IDIQ	DLA (UNKNOWN)	MAR 03	SEP 03	Y	
45K REVERSIBLE PLOW (BPAC 621G)									
FY02	23	201347	AFMC/WR-ALC	MIPR/IDIQ	GSA/OSKOSH OSKOSH, WI	JUL 02	FEB 03		
FY03	25	210,960	AFMC/WR-ALC	MIPR/IDIQ	GSA (UNKNOWN)	MAR 03	NOV 03	Y	
FY04	24	205,041	AFMC/WR-ALC	MIPR/IDIQ	GSA (UNKNOWN)	MAR 04	NOV 04	Y	
FY05	58	214,793	AFMC/WR-ALC	MIPR/IDIQ	GSA (UNKNOWN)	MAR 05	NOV 05	Y	
SNOW BROOM AND BLOWER (BPAC 621H)									
FY02	7	285,000	AFMC/WR-ALC	MIPR/IDIQ	GSA/OSKOSH OSKOSH, WI	AUG 02	APR 03		
FY03	20	323,900	AFMC/WR-ALC	MIPR/IDIQ	DLA (UNKNOWN)	MAR 03	NOV 03	Y	
FY04	23	347,826	AFMC/WR-ALC	MIPR/IDIQ	DLA (UNKNOWN)	MAR 04	NOV 04	Y	
FY05	60	360,450	AFMC/WR-ALC	MIPR/IDIQ	DLA (UNKNOWN)	MAR 05	NOV 05	Y	

REMARKS:

	P-1 ITEM NO 32		PAGE NO: 93		Page 3 of 3

BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)	DATE: FEBRUARY 2003
APPROP CODE/BA: OPAF/VEHICULAR EQUIPMENT	**P-1 NOMENCLATURE:** MODIFICATIONS

	FY2002	FY2003	FY2004	FY2005	FY2006	FY2007	FY2008	FY2009
QUANTITY								
COST (in Thousands)	$878	$4,952	$564	$337	$603	$1,230	$1,251	$1,270

Description:

This program includes permanent modifications that consist of configuration changes to in-service systems and equipment. These modifications correct deficiencies, (material, design, etc.) add or delete capability. Safety modifications correct deficiencies which would potentially produce hazards to personnel, systems or equipment. This budget line encompasses both new and on-going modification efforts for vehicular equipment. FY04 funds are for the Automatic Braking System (ABS) modification on the "M"series tactical vehicles.

Currently the "M" series tactical vehicles are limited on highway speed (cannot exceed 40 mph) due to a required modification to the ABS on the vehicles. The M series vehicles are limited in capability due to this modification requirement. Once this low cost modification is completed, the vehicles will no longer be limited and will be able to resume travel at normal highway speed.

Items requested in FY04 are identified on the P-40a and are representative of items to be procured. Items procured during execution may change based on critical equipment needed to support current Air Force mission requirements.

BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITEMS (EXHIBIT P- 40A)	DATE: FEBRUARY 2003
APPROP CODE/BA: OPAF/VEHICULAR EQUIPMENT	**P-1 NOMENCLATURE:** MODIFICATIONS

PROCUREMENT ITEMS	ID CODE	FY2002		FY2003		FY2004		FY2005	
		QTY.	COST	QTY.	COST	QTY.	COST	QTY.	COST
MISC LOW COST MODIFICATIONS	A		$0		$650		$0		$337
M SERIES ABS MODIFICATIONS	A		$0		$600		$564		$0
P-23 CRASH TRUCK MODIFICATION (BPAC 697P)	A		$878		$3702		$0		$0
Totals:			$878		$4,952		$564		$337

Remarks:

	P-1 ITEM NO 33		PAGE NO: 95		Page 1 of 1

BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)	DATE: FEBRUARY 2003
APPROP CODE/BA: OPAF/VEHICULAR EQUIPMENT	**P-1 NOMENCLATURE:** ITEMS LESS THAN $5,000,000 (BASE MAINTENANCE SPT)

	FY2002	FY2003	FY2004	FY2005	FY2006	FY2007	FY2008	FY2009
QUANTITY								
COST (in Thousands)	$12,808	$24,133	$12,260	$41,961	$54,581	$37,457	$30,427	$26,869

Description:

This program includes various Base Maintenance Vehicles with a procurement value of less than $5,000,000 and are Identification Code A items. These vehicles provide Civil Engineering personnel with the capability to conduct sanitary landfill operations, improve airfield safety by removing foreign object damage materials, and repair and construct base physical plant requirements.

Items requested in FY04 are identified on the following P40-A-IL and are representative of items to be procured. Items procured during execution may change based on critical equipment needed to support current Air Force mission requirements.

BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITEMS (EXHIBIT P- 40A-IL)	DATE: FEBRUARY 2003
APPROP CODE/BA: OPAF/VEHICULAR EQUIPMENT	**P-1 NOMENCLATURE:** ITEMS LESS THAN $5,000,000 (BASE MAINTENANCE SPT)

PROCUREMENT ITEMS	NSN	FY2004		FY2005	
		QTY.	COST	QTY.	COST
CRUSH/SCREEN PLANT 75TPH (BPAC 6991002)	3820001471223			1	$314
CRUSH/SCREEN PLANT 25TPH (BPAC 6991003)	3820012180595			1	$402
CRUSH/SCREEN PLANT 150TPH (BPAC 6991005)	3820000601841			2	$1,022
CRUSH/SCREEN PLANT 25TPH (BPAC 6991007)	3820011745594			1	$204
CENTRAL MIX PLANT (BPAC 6992001)	3895010632722			3	$997
PAVING MACHINE, CRAWLER MOUNTED (BPAC 6992015)	3895001903313	1	$109		
MIXER ROTARY TILLER (BPAC 6992017)	3895002548669			3	$281
DIST BIT 800 GAL (BPAC 6992018)	3895003528105	1	$95	3	$279
MIXER CONCRETE TRAILER MOUNTED (BPAC 6992021)	3895010055422			3	$427
PAVING MACHINE RUBBER TIRED (BPAC 6992022)	3895010575288	1	$182	1	$186
TRUCK, CONCRETE MIX 8 CUBIC YARD (BPAC 6992023)	3895008346124	2	$252	6	$803
SMALL UNIT SUPPORT VEHICLE (SUSV) (BPAC 6994002)	2350011329099	1	$233	1	$238
SCRAPER SELF PROPELLED 11-12 CUBIC YARD (BPAC 6996001)	3805011538646			3	$57
SCRAPER MOTORIZED 18 CUBIC YARD (BPAC 6996003)	3805002349778	1	$370	2	$740
ROLLER MOTORIZED PNUEMATIC TIRED SELF- PROPELLED 15T (BPAC 6997002)	3895000785898			3	$208
ROLLER ROAD MOTORIZED TANDEM (BPAC 6997005)	3895002436797	10	$279	11	$324
ROLLER VIBRATING TYPE II (BPAC 6997006)	3895010715625			7	$824
CRANE, 35 TON CRASH RECOVERY (BPAC 6998005)	3810010798358	1	$349	2	$713

	P-1 ITEM NO 34		PAGE NO: 97		Page 1 of 4

BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITEMS (EXHIBIT P- 40A-IL)	DATE: FEBRUARY 2003
APPROP CODE/BA: OPAF/VEHICULAR EQUIPMENT	**P-1 NOMENCLATURE:** ITEMS LESS THAN $5,000,000 (BASE MAINTENANCE SPT)

PROCUREMENT ITEMS	NSN	FY2004		FY2005	
		QTY.	COST	QTY.	COST
CRANE, 20 TON CRAWLER (BPAC 6998008)	3810003519329			1	$72
CRANE, 45 TON (BPAC 6998009)	3810002729031			3	$1,295
CRANE, 7.5 TON (BPAC 6998010)	3810010673991	4	$703	11	$2,234
CRANE, 15 TON (BPAC 6998011)	3810003294154	4	$897	8	$2,167
CRANE, 17 TON (BPAC 6998015)	3810005544103			3	$1,163
CRANE, HYDRAULIC TRUCK MOUNTED 65 TON (BPAC 6998018)	3810010388315			2	$1,066
CRANE, 50 TON ROUGH TERRAIN (BPAC 6998018)	3810010679974			1	$547
CRANE, 50 TON CRASH (BPAC 6998020)	3810010896470			1	$790
CRANE, 25 TON R/T (BPAC 6998021)	3810014799745			1	$148
CRANE, 15 TON HYDRAULIC (BPAC 6998022)	3810014858693			7	$1,034
EXCAVATOR CRAWLER (BPAC 6999002)	3805010583562	5	$694	5	$745
EXCAVATOR DIESEL ENGINE DRIVEN PT (BPAC 6999003)	3805011067176	4	$804	8	$1,744
SWEEPER, MULTIPU MECH (699A016)	3825014142201			1	$179
TRENCHER SELF-PROPELLED W/TRAILER (BPAC 699B002)	3805010329974	2	$162	10	$1054
TRENCHER, CRAWLER WHEEL MOUNTED 18 HP (BPAC 699B003)	3805010684303	1	$23		
DITCHING MACHINE CRAWLER (BPAC 699C001)	3805000801931			1	$130
DIGGER STRAINER TOWED (BPAC 699C002)	3805002027377			1	$31
ROCK DRILL CRAWLER MOUNTED (BPAC 699C003)	3820000509964			7	$647

	P-1 ITEM NO 34		PAGE NO: 98		Page 2 of 4

BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITEMS (EXHIBIT P- 40A-IL)	DATE: FEBRUARY 2003
APPROP CODE/BA: OPAF/VEHICULAR EQUIPMENT	**P-1 NOMENCLATURE:** ITEMS LESS THAN $5,000,000 (BASE MAINTENANCE SPT)

PROCUREMENT ITEMS	NSN	FY2004		FY2005	
		QTY.	COST	QTY.	COST
DRILL PAVEMENT (BPAC 699C004)	382000775813			1	$77
TRAFFIC LINE MARKER (BPAC 699C006)	3825005422515	1	$153	1	$156
TRAILER DITCHING MACHINE (BPAC 699C015)	2330010794053	3	$34	9	$105
WATER DISTRIBUTION 1500G (BPAC 699C026)	3825005541808	4	$390	3	$314
TRUCK, WASTE WATER 2000 (BPAC 699C037)	2320005802819	2	$250	1	$148
TRUCK, PIPE & SEWER CLEAN (BPAC 699C039)	2320001960811	2	$308	4	$628
HIGH PRESSURE SEWER & PIPE CLEANER (BPAC 699C041)	2320013721823	4	$444	1	$113
TRAILER, MANHOLE CLEANER (BPAC 699C042)	2330003073295	1	$63	1	$65
SHEEPS FOOT COMPACTOR (BPAC 699C045)	3805013597626			2	$657
WATER DISTRIBUTION 1500 GAL (BPAC 699C048)	3825010440248			1	$206
TRACTOR, WHEELED W/DOZER (699E003)	2420005403881			3	$765
TRACTOR, IW90 INDUSTRIAL (BPAC 699E004)	2420014062995	12	$512	7	$412
TRACTOR, IW70 INDUSTRIAL (BPAC 699E005)	2420001138984	21	$612	24	$765
TRACTOR, WHEELED 85HP 4WD (BPAC 699E006)	2420012058579	2	$115	6	$352
TRACTOR, WHEELED 290HP 4WD (BPAC 699E007)	2420012068055	1	$139	2	$283
TRUCK, DUMP 6X4 55K GVW (BPAC 699F008)	2320010585725	3	$293	8	$797
TRUCK, DUMP OFF ROAD (BPAC 699F010)	3805009310616	1	$215	5	$1,354
DOZER, T4 (BPAC 699G001)	2410001664176	3	$253	21	$1,873

BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITEMS (EXHIBIT P- 40A-IL)	DATE: FEBRUARY 2003
APPROP CODE/BA: OPAF/VEHICULAR EQUIPMENT	**P-1 NOMENCLATURE:** ITEMS LESS THAN $5,000,000 (BASE MAINTENANCE SPT)

PROCUREMENT ITEMS	NSN	FY2004		FY2005	
		QTY.	COST	QTY.	COST
DOZER, T7 (BPAC 699G002)	2410007561161	5	$757	6	$923
DOZER, T9 (BPAC 699G003)	2410008165091	2	$649	8	$2,356
DOZER, T11 (BPAC 699G004)	2410007317872			4	$1,034
GRADER, SZ 2 TYPE III ARTICULATING (BPAC 699J003)	3805013374623	5	$708	17	$2,457
GRADER, SZ 5 TYPE III ARTICULATING (BPAC 699J004)	3805013374624	8	$1,076	14	$1,956
GRADER, SZ 6 (BPAC 699J005)	3805013735314	1	$137	5	$700
BRADER, SZ7 (BPAC 699J006)	3805013751906			2	$400
TOTALS:			$12,260		$41,961

BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)	DATE: FEBRUARY 2003
APPROP CODE/BA: OPAF/ELECTRONICS & TELECOMMUNICATION EQUIPMENT	**P-1 NOMENCLATURE:** COMSEC EQUIPMENT

	FY2002	FY2003	FY2004	FY2005	FY2006	FY2007	FY2008	FY2009
QUANTITY								
COST (in Thousands)	$53,380	$34,397	$30,417	$61,333	$74,483	$127,972	$139,828	$191,084

Description:

This program funds procurement of Communications Security (COMSEC) equipment, ancillary encryption/decryption devices, and related equipment. The program includes equipment upgrades and replacements, which incorporate state-of-the-art technologies to provide critical mission war-fighter secure voice and data communications in space, tactical, strategic, and network applications for globally deployed cryptologic assets supporting Air Force and DoD missions. Supported systems fall within Air Force (AF) Information Systems Security (INFOSEC) and Information Assurance (IA) arenas.

In FY03 Congress added $4.6M from the Cost of War Account for Computer Network Defense. Reference Appropriations Conference Report 107-732, October 9, 2002, page 218. This funding will be used to procure the following:

Primary Server Consolidation: Allows the AF Computer Emergency Response Team (AFCERT) to store, access, and archive the required three month's of intrusion data.

Alternate Operating Location: Allows the AFCERT to store, access, and archive the required three month's of intrusion data in the event of catastrophic primary system failure or as a partitioned mission augmentation platform when primary system is overwhelmed.

Technical Refresh: Purchases equipment that is in dire need for replacement to ensure continued operations. The AFCERT is the primary AF organization responsible for obtaining information from and coordinating Command, Control, Communications, and Computer (C4) System security activities with other US Government, DoD, commercial, and internal computer and network security organizations.

AF Electronic Key Management System (AFEKMS) Equipment: Secure Data System equipment which acts as end crypto units that collect keys from computer network (Tier 2) and provides a secure interaction with aircraft to handle the transfer of crypto keys for missions.

In FY03 Congress added $2M from the Cost of War Account for Enclave and Network Tools. Reference Appropriations Conference Report 107-732, October 9, 2002, page 218. This funding will be used to procure the following:

AF Smart Card Certificate Based Logon Network Infrastructure: Stronger two factor authentication for network access will be available

BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)	DATE: FEBRUARY 2003
APPROP CODE/BA: OPAF/ELECTRONICS & TELECOMMUNICATION EQUIPMENT	**P-1 NOMENCLATURE:** COMSEC EQUIPMENT

Description (continued):

to the war fighter when the AF implements certificate based smart card logon. Thus, reducing the risk of intruders / attackers in AF networks.

Directory Services: Provides integrated directory services to join information across applications and platforms into a single authoritative source to support war fighter missions. AF Directory Services integration of directory and security services will leverage public key infrastructure (PKI) combined with unique identity to provide opportunities for fewer sign-ons, easier deployment of secure applications through certificate based identity authentication to establish application access privileges (authorization).

AF Common Access Card (CAC) PIN Reset: Provide the AF with some CAC PIN Reset (CPR) capabilities outside of Military Personnel Flights (MPFs) at select locations within the AF. Invaluable data on the utility of CPR for the war fighter will be collected, and this data will be used to formulate a long term AF CPR strategy.

KMI Manager Workstations: Generates Secure Telephone Equipment (STE) keys and issues certain classes of DoD PKI certificates to the war fighter to provide them secure means of information exchange.

In FY03 Congress added $1.8M from the Cost of War Account for Intrusion Detection Systems. Reference Appropriations Conference Report 107-732, October 9, 2002, page 218. This funding will be used to procure the following:

Interference Detection and Response (ISIDR): The detection capabilities provided to the war fighter by ISIDR will be the initial step in time critical targeting tasks to initiate the Kill Chain. ISIDR provides the war fighter the first indication of jamming on their SATCOM.

Geolocation: Provides the war fighter geolocation of SATCOM jamming to initiate the second step in time critical targeting to continue the Kill Chain.

Multifunctional Radio: Provides all present aircraft with secure communication for the war fighter.

1. COMSEC EQUIPMENT: FY04 funding continues in the following three categories.

BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)	DATE: FEBRUARY 2003
APPROP CODE/BA: OPAF/ELECTRONICS & TELECOMMUNICATION EQUIPMENT	**P-1 NOMENCLATURE:** COMSEC EQUIPMENT

Description (continued):

a. SPACE COMMUNICATIONS SECURITY PRODUCTS (SPECIAL PROJECTS): Includes mission critical command and control (C2) encryption products, telemetry and mission data decryption products, and high-speed mission data downlink decryption products. The C2 encryption products and telemetry decryption products support the Space Based Infrared System (SBIRS) transition from multi-channel, multi-algorithm ground communication products. The transition in SBIRS design was based on a system level technical risk assessment. Delivery of the new products is on the critical path for SBIRS integration schedules. The high-speed mission downlink decryption products support two special projects performing national level missions to assure military leaders and war fighters have an integrated and interactive picture of entire battle spaces.

(1) KGR-247: The KGR-247 is the mission ground station decryption unit providing customers with the next generation high speed(3.2 Gbps) cryptographic equipment for satellite mission data downlinks. The eight-channel unit will be utilized to receive secure mission downlink data from multiple satellites.

(2) Variable Performance Chip (VPC): The VPC will support the Military Satellite Communications (MILSATCOM) Advanced extremely high frequency (EHF) program's delivery of secure anti-jam communications capabilities to the war fighter. The VPC is the new ground transmission security (TRANSEC)/COMSEC decryption unit. It is at the core of MILSATCOM Advanced EHF joint tactical mission downlink receiver equipment. The programmed equipment specifically supports the Air Force's requirements for satellite communication capabilities.

(3) KGV-136: The KGV-136 supports the MILSATCOM Advanced EHF Program's delivery of secure anti-jam communication capabilities to the war fighter. The KGV-136 is the ground TRANSEC/COMSEC decryption unit. It will be at the core of MILSATCOM Advanced EHF joint tactical mission downlink receiver equipment. The programmed equipment specifically supports the Air Force's requirements for satellite communication capabilities.

(4) KI-17 FOLLOW ON (FO): The KI-17 FO supports AF SBIRS Low and GPS III satellite programs and special projects. This follow-on program to the KI-17 multi-channel programmable algorithm ground station equipment provides for command link encryption and telemetry downlink decryption.

BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)	DATE: FEBRUARY 2003
APPROP CODE/BA: OPAF/ELECTRONICS & TELECOMMUNICATION EQUIPMENT	**P-1 NOMENCLATURE:** COMSEC EQUIPMENT

Description (continued):

(5) MYK Benign Fill: FY04 funding provides for the modification to the MYK-16 and MYK-17 units allowing the units to receive key materiel via the AF Electronic Key Management System (EKMS). The National Security Agency (NSA) mandated transition to electronic key materiel and incorporation of benign fill techniques to MYK-16 and MYK-17 products. NSA will discontinue producing physical key materiel for the equipment. NSA also stated the equipment cannot be utilized with operational satellite systems until the benign fill upgrade or explicit waiver. The AF has approximately 600 units at risk.

b. AIR AND GROUND COMMUNICATIONS PROGRAM: The Air and Ground Communications Program incorporates a wide-range of secure encryption products supporting AF, Inter-Service, and various DoD agency customers. Secure encryption products provided include, but are not limited to, Network Encryption Systems, aircraft secure voice and data, traditional and wireless telecommunications, and embedded cryptographic modules for use in tactical and strategic environments.

c. AIR FORCE ELECTRONIC KEY MANAGEMENT SYSTEM (AFEKMS): AFEKMS is an Acquisition Category (ACAT) III acquisition and sustainment program providing secure, flexible, and timely upgrades to cryptologic key generation, distribution, and management systems. (Reference Program Element 33401F of the Air Force Descriptive Summaries.)

(1) SIMPLIFIED KEY LOADER (SKL): The SKL is a handheld, low-cost, ruggedized, simplified-operation Personal Data Assistant (PDA) device for routine, end crypto unit key fill operations. Army Communications Electronic Command (CECOM)is funding the development of this multi-service development. SKL LRIP contract award will occur in FY03. This device will replace current paper tape loader (KOI-18 & KYK-13) and Data Transfer Device (AN/CYZ-10) equipment)

(2) KOV-21 CARDS: The KOV-21 card is a Personal Computer Memory Card International Association (PCMCIA) Information Security (INFOSEC) Card developed for the National Security Agency. The KOV-21 card will be the crypto engine for all next generation key loading and field management devices. KOV-21, used in conjunction with the Data Management Device (DMD) and Simplified Key Loader (SKL) hosts, will replace outdated, out of production, slower DTDs in support of base and user level key management.

BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)	DATE: FEBRUARY 2003
APPROP CODE/BA: OPAF/ELECTRONICS & TELECOMMUNICATION EQUIPMENT	**P-1 NOMENCLATURE:** COMSEC EQUIPMENT

Description (continued):

(3) DMD WORKSTATIONS: The DMD workstation supports end user level key management operations worldwide. It automates the entry of payload data required for the improvement of operations. Primary goal is to get the key to the user while maintaining critical objectives such as security, flexibility, interoperability, speed of service, and economy.

d. CRYPTOGRAPHIC MODERNIZATION: No FY04 funds are requested.

e. KEY MANAGEMENT INFRASTRUCTURE: No FY04 funds are requested.

2. COMPUTER NETWORK SUPPORT: Computer network support provides Defensive Counter Information capability to protect AF computer systems and their information against unauthorized intrusion, corruption, and/or destruction, be it deliberate or unintentional. This program contains AF Information Warfare Center (AFIWC) and 67th Information Operations Wing (67th IW) programs and initiatives to protect AF computers, whether they are stand-alone, networked, telephone switches, or embedded in weapon systems, and provide Information Warfare (IW) threat prediction for AF systems. A brief description by program/initiative follows.

a. COMPUTER SECURITY ASSISTANCE PROGRAM (CSAP) AF COMPUTER EMERGENCY RESPONSE TEAM (AFCERT): No FY04 funds are requested.

b. CSAP COUNTERMEASURES: The Countermeasures Engineering Team (CMET) provides technical support for CSAP. The team designs, develops, tests and deploys information protection tools, products, and services as countermeasures for use by the AFCERT and the CSAP Assessments Teams, as well as AF, DoD, and authorized national agencies. Data collected by the AFCERT and Assessments Teams directly influences development of countermeasure tools and drives the near real-time implementation of countermeasures in the field. Funding procures hardware/software necessary for vulnerability analysis, vulnerability identification, countermeasure development, and testing in an environment simulating the real-world operational environment.

BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)	DATE: FEBRUARY 2003
APPROP CODE/BA: OPAF/ELECTRONICS & TELECOMMUNICATION EQUIPMENT	**P-1 NOMENCLATURE:** COMSEC EQUIPMENT

Description (continued):

c. CSAP ASSESSMENTS: No FY04 funding is requested.

d. SENSOR SHADOW: No FY04 funding is requested.

e. IW COUNTRY BUILDS (CTAS): No FY04 funding is requested.

f. IW REACHBACK (CI LAN): No FY04 funding is requested.

g. SERVER CONSOLIDATION: No FY04 funding is requested.

h. ALTERNATE OPERATING LOCATION: No FY04 funding is requested.

i. TECHNICAL REFRESH: No FY04 funding is requested.

3. US SPACE COMMAND (USSPACECOM): No FY04 funding is requested.

Items requested in FY04 are identified on the following P-40a and are representative of items to be procured. Items procured during execution may change based on the most critical equipment needed to support current Air Force mission requirements.

BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITEMS (EXHIBIT P- 40A)	DATE: FEBRUARY 2003
APPROP CODE/BA: OPAF/ELECTRONICS & TELECOMMUNICATION EQUIPMENT	**P-1 NOMENCLATURE:** COMSEC EQUIPMENT

PROCUREMENT ITEMS	ID CODE	FY2002		FY2003		FY2004		FY2005	
		QTY.	COST	QTY.	COST	QTY.	COST	QTY.	COST
1. COMSEC EQUIPMENT (1) (2)			${36,848}		${26,726}		${28,382}		${59,304}
A. SPACE COMSEC PRODUCTS			${8,616}		${8,667}		${9,274}		${19,465}
(1) KGR-247	A	4	$8,000	2	$4,000	1	$2,000	5	$10,000
KGR-247 LOGISTICS	A			1	$2,000				
(2) VPC	A			100	$2,000	71	$1,420	146	$2,920
VPC LOGISTICS	A			1	$307	1	$200		
(3) KGV-136	A	15	$600	9	$360	24	$960	2	$80
KGV-136 LOGISTICS	A					1	$132		
(4) KI-17 FO	A					8	$640	9	$720
KI-17 FO LOGISTICS	A					1	$205	1	$375
(5) MYK BENIGN FILL	A					226	$3,717	327	$5,370
KGR-28A	A	1	$16						
B. AIR & GROUND COMM PROGRAM (3)			${16,548}		${10,718}		${12,809}		${24,247}
EMBEDDED ENCRYPTION DEVICES	A	101	$83	1	$5	60	$293	135	$675
NETWORK ENCRYPTION SYSTEMS	A	524	$7,356	517	$6,824	375	$5,162	590	$8,035
SUPPORT EQUIPMENT	A	1	$8,159	25	$281	9	$100	8	$115
SECURE COMMUNICATIONS VOICE/DATA	A			20	$1,265	8	$502	7	$454
CAR	A	180	$750	140	$735	104	$536	77	$365

	P-1 ITEM NO 35		PAGE NO: 7		Page 1 of 4

BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITEMS (EXHIBIT P- 40A)	DATE: FEBRUARY 2003
APPROP CODE/BA: OPAF/ELECTRONICS & TELECOMMUNICATION EQUIPMENT	**P-1 NOMENCLATURE:** COMSEC EQUIPMENT

PROCUREMENT ITEMS	ID CODE	FY2002		FY2003		FY2004		FY2005	
		QTY.	COST	QTY.	COST	QTY.	COST	QTY.	COST
SOFTWARE SYSTEM UPGRADE	A			1	$345	1	$330	1	$350
SECURE TELEPHONES	A			100	$220	83	$269	203	$659
KOV-20	A					83	$21	203	$49
NBSTE (BITL)	A					3451	$5,521	8442	$13,507
KEY GENERATORS	A	162	$200	10	$45	15	$75	5	$38
COMSEC MULTIFUNCTIONAL RADIO MD133	A			30	$998				
C. AFEKMS			${11,684}		${4,441}		${6,299}		${3,297}
(1) AFEKMS (SIMPLE KEY LOADER) (SKL)	B			100	$100	3358	$3,358	1268	$1,268
(2) AFEKMS (KOV-21 CARDS)	B	1172	$1,301	809	$898	2492	$2,741	1185	$1,304
AFEKMS (TIER 2 LAN)	A					1	$200		
AFEKMS (HW/SW UPGRADE)	A	1	$44	1	$25				
AFEKMS (SECURE DTD 2000 SYSTEMS) (SDS)	A	466	$1,862	225	$868				
AFEKMS (TIER 1)	A	1	$8,477						
AFEKMS (TECH UPDATE)	A							1	$725
AFEKMS (EQUIPMENT)	A			5000	$2,550				
D. CRYPTOGRAPHIC MODERNIZATION									${12,295}

BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITEMS (EXHIBIT P- 40A)	DATE: FEBRUARY 2003
APPROP CODE/BA: OPAF/ELECTRONICS & TELECOMMUNICATION EQUIPMENT	**P-1 NOMENCLATURE:** COMSEC EQUIPMENT

PROCUREMENT ITEMS	ID CODE	FY2002		FY2003		FY2004		FY2005	
		QTY.	COST	QTY.	COST	QTY.	COST	QTY.	COST
(1) KIV-7M/KIV-19M	A							327	$1,798
(2) CTIC/CDH	A							3000	$9,000
KG-94	A							151	$1,497
E. KEY MANAGEMENT INFRASTRUCTURE					${2,900}				
KMI MANAGER WORKSTATIONS	A			75	$210				
AF SMART CARD CERTIFICATE LOGON	A			16	$340				
DIRECTORY SERVICES	A			1	$1,200				
AF CAC PIN RESET	A			1100	$250				
ISDR: INTEGRATED SATCOM INTERFERENCE DETECTION/RESPONSE	A			5	$400				
GEOLOCATION	A			1	$500				
2. COMPUTER NETWORK SUPPORT (1) (2)			${16,532}		${7,671}		${2,035}		${2,029}
A. CSAP (AFCERT)	A		$230		$240				
B. CSAP COUNTERMEASURES	A		$1,989		$1,898	5	$2,035	5	$2,029
C. CSAP ASSESSMENTS	A		$874		$899				
D. SENSOR SHADOW	A		$805		$846				
E. IW COUNTRY BUILDS (CTAS)	A		$285		$317				

BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITEMS (EXHIBIT P- 40A)	DATE: FEBRUARY 2003
APPROP CODE/BA: OPAF/ELECTRONICS & TELECOMMUNICATION EQUIPMENT	**P-1 NOMENCLATURE:** COMSEC EQUIPMENT

PROCUREMENT ITEMS	ID CODE	FY2002		FY2003		FY2004		FY2005	
		QTY.	COST	QTY.	COST	QTY.	COST	QTY.	COST
F. IW REACHBACK (CI LAN)	A		$185		$221				
G. SERVER CONSOLIDATION	A			5	$650				
H. ALTERNATE OPERATING LOCATION	A			14	$350				
I. TECH REFRESH	A			82	$750				
3. USSPACECOM (1) (2)	A		$12,164		$1,500				
Totals:			$53,380		$34,397		$30,417		$61,333

Remarks:

1. Multiple quantities and unit costs associated with COMSEC equipment.
2. Multiple contracts and delivery dates exist for the various types of equipment throughout the fiscal years.
3. 1b. Air & Ground Prg: Secure Telephone unit price difference is due to FY03 procuring STE, FY04 &FY05 procuring wireless devices

	P-1 ITEM NO 35		PAGE NO: 10		Page 4 of 4

BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)	DATE: FEBRUARY 2003
APPROP CODE/BA: OPAF/ELECTRONICS & TELECOMMUNICATION EQUIPMENT	**P-1 NOMENCLATURE:** INTELLIGENCE TRAINING EQUIPMENT

	FY2002	FY2003	FY2004	FY2005	FY2006	FY2007	FY2008	FY2009
QUANTITY								
COST (in Thousands)	$1,222	$1,298	$2,935	$2,917	$4,726	$5,136	$5,229	$5,318

Description:

The Intelligence Training Equipment funds procure equipment for military personnel to receive initial, intermediate, and advanced training in the General Intelligence and Cryptologic/Signals Intelligence (SIGINT) related career fields. General Intelligence is comprised of all imagery, analysis, indications and warning, fusion, targeting, and weaponeering training. Cryptologic/SIGINT skills related training includes all communications (except communications security) and electronic intelligence as well as intelligence systems maintenance training. Major procurement items support functional training on new generations intelligence systems. No operational equipment is procured. The emphasis is on computer-based training systems which allow simulation of operational equipment functions through software manipulation. This equipment is essential for preparing intelligence personnel to support war fighting commanders. The equipment is located at Goodfellow AFB, TX where intelligence training is conducted. These systems support Air Force responsible training authority and executive agency training for the DoD and all Services.

GOODFELLOW INTELLIGENCE TRAINING SYSTEMS INFRASTRUCTURE UPGRADE: FY02/04 funds procure infrastructure upgrades for the intelligence training systems which support Air Force Specialty granting initial skill courses and advanced skill training courses. These systems consist of the hardware and associated software needed to improve/upgrade the training network backbone. This funding is needed for the lifecycle procurement of replacement servers and workstations to include servers, workstations, switches, printers, and software support. FY03/04 funds also procure replacement hardware for modernizing interactive courseware (ICW) development labs, lifecycle procurement of exercise workstations and related equipment, and servers/equipment needed to meet Advanced Distributed Learning requirements. The growth in the requirement is due to increased emphasis on operational intelligence training, and the need to be able to deploy training on-demand to various sites as necessary, rather than the students coming to one site for training.

Items requested in FY04 are identified on the following P-40a and are representative of items to be procured. Items procured during execution may change based on critical equipment needed to support current Air Force mission requirements.

BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITEMS (EXHIBIT P- 40A)	DATE: FEBRUARY 2003
APPROP CODE/BA: OPAF/ELECTRONICS & TELECOMMUNICATION EQUIPMENT	**P-1 NOMENCLATURE:** INTELLIGENCE TRAINING EQUIPMENT

PROCUREMENT ITEMS	ID CODE	FY2002		FY2003		FY2004		FY2005	
		QTY.	COST	QTY.	COST	QTY.	COST	QTY.	COST
GOODFELLOW INTEL TRAINING SYSTEMS UPGRADE	A		$1,222		$1,298		$2,935		$2,917
Totals:			$1,222		$1,298		$2,935		$2,917

Remarks:

	P-1 ITEM NO 37		PAGE NO: 12		Page 1 of 1

BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)	DATE: FEBRUARY 2003
APPROP CODE/BA: OPAF/ELECTRONICS & TELECOMMUNICATION EQUIPMENT	**P-1 NOMENCLATURE:** INTELLIGENCE COMMUNICATIONS EQUIPMENT

	FY2002	FY2003	FY2004	FY2005	FY2006	FY2007	FY2008	FY2009
QUANTITY								
COST (in Thousands)	$7,406	$29,118	$1,683	$1,704	$1,722	$1,754	$6,801	$6,908

Description:

The Intelligence Communications Equipment program procures various communications equipment required to disseminate intelligence information to the warfighter across the spectrum of Air Force (AF) intelligence, surveillance, and reconnaissance (ISR) mission areas.

1. JOINT TACTICAL TERMINAL/COMMON INTEGRATED BROADCAST SERVICE MODULES (JTT/CIBS-M): JTT is a member of the Congressionally-mandated family of terminals delivering CIBS-M capability. The JTT/CIBS-M must meet all requirements stated in the JTT Joint Operational Requirements Document (JORD).

A. JTT/CIBS-M UNITS: In FY03 Congress added $3.3M from the Cost of War Account for Tactical Terminals. Reference Appropriations Conference Report 107-732, October 9, 2002, page 218. No FY04 funds are requested.

B. CRYPTO DEVICES: No FY04 funds are requested.

2. AIR FORCE TACTICAL EXPLOITATION OF NATIONAL CAPABILITIES (AF TENCAP): This program was established in 1977, based on a Congressional mandate, to improve AF tactical warfighting operations through effective use of national space system resources. It accomplishes this through three specific endeavors: a) rapid-prototyping of new and unique methods with potential for improving tactical warfighting operations, then exploiting the true utility of the prototyped methods through one-to-two year demonstrations; b) influencing the design and operation of future space systems for tactical applications through close involvement with those government agencies and commercial companies who design, build, and operate US space systems; and c) developing and implementing educational and training programs that inform Combat Air Forces (CAFs) how to use and benefit from available space-based resources. FY04 funding continues equipment procurement in support of AF TENCAP initiatives.

BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)	DATE: FEBRUARY 2003
APPROP CODE/BA: OPAF/ELECTRONICS & TELECOMMUNICATION EQUIPMENT	**P-1 NOMENCLATURE:** INTELLIGENCE COMMUNICATIONS EQUIPMENT

Description (continued):

3. SPACE WARFARE CENTER (SWC): The SWC, located at Shriever AFB, CO, develops, evaluates, and tests space application and utility concepts, new technologies, and tactics that enable AF Warfighters to realize the full potential of existing and planned space-based resources and to better defend against hostile space activities. FY04 funding continues procurement of equipment for implementation of the SWC Local Area Network (LAN) Upgrade (SLU), and to accommodate the increases in SWC personnel computer network and telecommunication system requirements. The primary focus of the SLU is to improve user accessibility to the SECRET level networks; establish connection with existing high speed development networks available in the Joint National Test Facility (JNTF); and continue the consolidation of backbone infrastructure to improve reliability, reduce maintenance costs, optimize available in-place cabling use, and simplify communications infrastructure.

4. AIR NATIONAL GUARD (ANG): No FY04 funding is requested.

5. INFORMATION ASSURANCE: No FY04 funding is requested.

6. EAGLE VISION: Eagle Vision is a family of systems providing commercial imagery to operational commanders for mission planning, rehearsal, visualization, and intelligence gathering purposes. Eagle Vision is composed of the Data Acquisition System (DAS) and Data Ingest System (DIS). In FY03, Congress added $17.5M for Eagle Vision DAS and DIS. Reference Appropriations Conference Report 107-732, October 9, 2002, page 218. No FY04 funds are requested.

Items requested in FY04 are identified on the following P-40a and are representative of items to be procured. Items procured during execution may change based on critical equipment needed to support current Air Force mission requirements.

BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITEMS (EXHIBIT P- 40A)	DATE: FEBRUARY 2003
APPROP CODE/BA: OPAF/ELECTRONICS & TELECOMMUNICATION EQUIPMENT	**P-1 NOMENCLATURE:** INTELLIGENCE COMMUNICATIONS EQUIPMENT

PROCUREMENT ITEMS	ID CODE	FY2002		FY2003		FY2004		FY2005	
		QTY.	COST	QTY.	COST	QTY.	COST	QTY.	COST
1. JOINT TACTICAL TERMINAL/COMMON INTEGRATED BROADCAST SERVICE MODULES (JTT/CIBS-M)					${9,982}				
A. JTT/CIBS-M UNITS (1)	A				$9,552				
B. CRYPTO DEVICES	A				$430				
2. AF TENCAP	A		$196		$184		$194		$197
3. SPACE WARFARE CTR (SWC)	A		$814		$707		$1,489		$1,507
4. ANG TACTICAL CRYPTOLOGIC SPT	A		$4,900		$914				
5. INFORMATION ASSURANCE - SECURE TERMINAL EQUIPMENT	A		$1,496						
6. EAGLE VISION	A				$17,331				
Totals:			$7,406		$29,118		$1,683		$1,704

Remarks:

1. JTT units refer to the full size end item plus auxillary items such as power amps, radio trays, and antenna installation kits.

	P-1 ITEM NO 38		PAGE NO: 15		Page 1 of 1

BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P- 5A)	DATE: FEBRUARY 2003
APPROP CODE/BA: OPAF/ELECTRONICS & TELECOMMUNICATION EQUIPMENT	**P-1 NOMENCLATURE:** INTELLIGENCE COMMUNICATIONS EQUIPMENT

ITEM / FISCAL YEAR	QTY.	UNIT COST	LOCATION OF PCO	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWD. DATE	DATE FIRST DEL.	SPECS AVAIL NOW	DATE REV. AVAIL
1. JTT/CIBS-M (1)									
A. JTT/CIBS-M UNITS									
FY03			AFMC/ESC	MIPR/FFP	ARMY/CECOM, RAYTHEON, ST. PETERSBURG, FL	OCT 02	APR 04		
B. CRYPTO DEVICES									
FY03			AFMC/ESC	MIPR/FFP	NSA, FT. MEADE, MD	FEB 03	AUG 05	Y	
2. AF TENCAP (1)									
FY02			HQ AFSPC	DO/FP	INFORMATION TECH & APPLICATIONS CORP, COLORADO SPRINGS, CO	JAN 02	JUN 02		
FY03			HQ AFSPC	DO/FP	INFORMATION TECH & APPLICATIONS CORP, COLORADO SPRINGS, CO	JAN 03	JUN 03		
FY04			HQ AFSPC	DO/FP	INFORMATION TECH & APPLICATIONS CORP, COLORADO SPRINGS, CO	APR 04	SEP 04	Y	
FY05			HQ AFSPC	DO/FP	INFORMATION TECH & APPLICATIONS CORP, COLORADO SPRINGS, CO	APR 05	SEP 05	Y	
3. SPACE WARFARE CTR (SWC) (1)									
FY02			HQ AFSPC	DO/FP	BTG, COLORADO SPRINGS, CO	JAN 02	APR 02		
FY03			HQ AFSPC	DO/FP	BTG, COLORADO SPRINGS, CO	JAN 03	APR 03		
FY04			HQ AFSPC	DO/FP	BTG, COLORADO SPRINGS, CO	JAN 04	APR 04	Y	
FY05			HQ AFSPC	DO/FP	BTG, COLORADO SPRINGS, CO	JAN 05	APR 05	Y	

BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P- 5A)	DATE: FEBRUARY 2003
APPROP CODE/BA: OPAF/ELECTRONICS & TELECOMMUNICATION EQUIPMENT	**P-1 NOMENCLATURE:** INTELLIGENCE COMMUNICATIONS EQUIPMENT

ITEM / FISCAL YEAR	QTY.	UNIT COST	LOCATION OF PCO	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWD. DATE	DATE FIRST DEL.	SPECS AVAIL NOW	DATE REV. AVAIL
4. ANG TACTICAL CRYPTOLOGIC SPT (1)									
FY02			AFMC/WR-ALC	DO/FFP	RAYTHEON SYS, FALLS CHURCH, VA	NOV 01	DEC 01		
FY03			AFMC/WR-ALC	DO/FFP	RAYTHEON SYS, FALLS CHURCH, VA	NOV 02	JUL 03		
5. INFORMATION ASSURANCE - SECURE TERMINAL EQUIPMENT (1)									
FY02			AFMC/ESC	MIPR/FFP	NSA, L-3 COMMUNICATIONS, CAMDEN, NJ	JAN 02	JUL 02		
6. EAGLE VISION									
FY03			AFMC/ESC	MIPR/FFP	MULTIPLE (2)	JUL 03	AUG 03	Y	

REMARKS:
1. Quanitity/unit costs vary because of different types/configurations of equipment being procured.
2. Various contract methods and types of contracts will be used in support of Eagle Vision. Matra System & Information, Velizy, FR; ERIM International, Inc., Ann Arbor, MI; and other as yet unknown. Award/delivery date reflects date of first award and delivery.

BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)	DATE: FEBRUARY 2003
APPROP CODE/BA: OPAF/ELECTRONICS & TELECOMMUNICATION EQUIPMENT	**P-1 NOMENCLATURE:** ATCALS

	FY2002	FY2003	FY2004	FY2005	FY2006	FY2007	FY2008	FY2009
QUANTITY								
COST (in Thousands)	$5,642	$42,970	$74,664	$51,864	$3,408	$964	$964	$961

Description:

Air Traffic Control and Landings Systems (ATCALS) procures and supports fixed-base and tactical radars, navigational aids, voice communications (radio and telephone), and data processing/automation capabilities. ATCALS enables United States Air Force (USAF) air traffic controllers the ability to provide advisory, sequencing, separation, and landing guidance services to all aircraft in USAF-assigned airspace. The weapon system includes operational equipment, training systems for air traffic controllers, and equipment required to interface USAF systems with systems operated and maintained by other services, the Federal Aviation Administration (FAA), or host-nations.

1. AIR TRAFFIC CONTROL OPERATIONS (ATC OPS): ATC operations provide for replacement and modernization of legacy ATC navigation and landing systems, voice communications, data processing/automation capabilities, and ancillary equipment.

a. INSTRUMENT LANDING SYSTEM (ILS): The ILS consists of two subsystems, a "localizer" that provides runway alignment information and a "glideslope" to provide vertical descent angle information. ILS provides horizontal and vertical guidance to allow aircraft to make a precision approach to a runway in inclement weather. The current operational ILS systems are approaching the end of their intended life cycle. FY04 funds will procure and install 6 ILS systems at key AF locations.

b. RHEIN-MAIN TRANSFER PROGRAM: The facilities at Spangdahlem Air Base (AB), Germany (GE), will be expanded due to the closure of Rhein Main AB, GE. The ILS systems will be upgraded to handle the increased aircraft traffic in weather conditions common to the Eifel region. FY04 funds procure and install End-Fire ILS glideslope antenna systems at Spangdahlem AB, GE.

c. RICKENBACKER INSTRUMENT LANDING SYSTEM (ILS): In FY03 Congress added $1M for an ILS to be procured and installed at Rickenbacker Air National Guard Base (ANGB), Columbus, OH. Reference Appropriations Conference Report 107-732, October 9,

BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)	DATE: FEBRUARY 2003
APPROP CODE/BA: OPAF/ELECTRONICS & TELECOMMUNICATION EQUIPMENT	**P-1 NOMENCLATURE:** ATCALS

Description (continued):

2002, Page 218. No FY04 funding is requested.

2. TOWER SIMULATION SYSTEM (TSS): The TSS is a realistic visual control tower simulation tool to train AF air traffic controllers at their respective field locations. The TSS will use voice recognition technology to accurately replicate voice communications between the controller and simulated aircraft. An AF shortfall of qualified controllers reduced operating hours at 30 Air Traffic Control Flights (ATCFs). The TSS provides means to accelerate training of controllers for certification at higher skill levels. FY04 funds will procure and install 39 TSS systems at key AF locations.

3. MOBILE APPROACH CONTROL SYSTEM (MACS): US military forces are required to be highly mobile and capable of rapid response on a global basis across the full spectrum of conflict from Smaller-Scale Contingencies (SSC) to Major Regional Conflicts (MRCs). The MACS provides next generation mobile air traffic control services, day and night, in all weather conditions, to military and civil aircraft. The system will be tailored to meet theater commander requirements and must operate within FAA and International Civil Aviation Organization (ICAO) performance parameters. The current mobile air traffic control system requires modernization to support military and civil aircraft operations at deployed locations and in the US. MACS is procured as two independent systems, the Airport Surveillance Radar Operations Shelter (ASR/OPS) and the Precision Approach Radar (PAR), that will be integrated into a single system. FY04 funds will procure and deliver 7 systems to key AF locations.

4. AIR FORCE TERMINAL INSTRUMENT PROCEDURES - REPLACEMENT (AFTERPS-R) SOFTWARE LICENCES: No FY04 funding is requested.

WEAPON SYSTEM COST ANALYSIS (EXHIBIT P- 5)		DATE: FEBRUARY 2003
APPROP CODE/BA: OPAF/ELECTRONICS & TELECOMMUNICATION EQUIPMENT	**P-1 NOMENCLATURE:** ATCALS	

WEAPON SYSTEM COST ELEMENTS	IDENT CODE	FY2002			FY2003			FY2004			FY2005		
		QTY	UNIT COST	TOTAL COST	QTY	UNIT COST	TOTAL COST	QTY	UNIT COST	TOTAL COST	QTY	UNIT COST	TOTAL COST
1. AIR TRAFFIC CONTROL OPERATIONS				{2,463}			{8,452}			{2,509}			{1,442}
A. INSTRUMENT LANDING SYSTEM	A			2,463			7,462			1,926			1,442
B. RHEIN-MAIN TRANSFER PROGRAM	A									583			
C. RICKENBACKER ILS	A						990						
2. TOWER SIMULATION SYSTEM	A			3,179			28,112			20,124			1,499
3. MACS	A									52,031			48,923
4. AFTERPS-R SOFTWARE LICENSES							6,406						
TOTALS:				5,642			42,970			74,664			51,864

REMARKS:

	P-1 ITEM NO 39		PAGE NO: 20		Page 1 of 1

BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P- 5A)	DATE: FEBRUARY 2003
APPROP CODE/BA: OPAF/ELECTRONICS & TELECOMMUNICATION EQUIPMENT	**P-1 NOMENCLATURE:** ATCALS

ITEM / FISCAL YEAR	QTY.	UNIT COST	LOCATION OF PCO	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWD. DATE	DATE FIRST DEL.	SPECS AVAIL NOW	DATE REV. AVAIL
1. AIR TRAFFIC CONTROL OPERATIONS									
A. INSTRUMENT LANDING SYSTEM									
FY02			AFMC/ASC	C/FFP	SCIENCE APPLICATIONS INTERNATIONAL CORPORATION (SAIC), SAN DIEGO, CA	FEB 02	FEB 03		
FY03			AFMC/ASC	OPT/FFP	SAIC, SAN DIEGO, CA	JAN 03	JAN 04		
FY04			AFMC/ASC	OPT/FFP	SAIC, SAN DIEGO, CA	JAN 04	JAN 05	Y	
FY05			AFMC/ASC	OPT/FFP	SAIC, SAN DIEGO, CA	JAN 05	JAN 06	Y	
B. RHEIN-MAIN TRANSFER PROGRAM									
FY04			HQ USAFE	PO/FP	WATTS ANTENNA CO, HERNDON VA	JAN 04	DEC 04	Y	
C. RICKENBACKER ILS									
FY03			ANGRC	C/FFP	UNKNOWN	MAY 03	MAY 04	Y	
2. TOWER SIMULATION SYSTEM									
FY02			AFMC/ASC	C/FFP	ADACEL GRAND PRAIRE, TX	APR 02	NOV 02		
FY03			AFMC/ASC	OPT/FFP	ADACEL GRAND PRAIRE, TX	DEC 02	JUN 03		
FY04			AFMC/ASC	OPT/FFP	ADACEL GRAND PRAIRE, TX	DEC 03	JUN 04	Y	
FY05			AFMC/ASC	OPT/FFP	ADACEL GRAND PRAIRE, TX	DEC 04	JUN 05	Y	

	P-1 ITEM NO 39		PAGE NO: 21		Page 1 of 2

BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P- 5A)	DATE: FEBRUARY 2003
APPROP CODE/BA: OPAF/ELECTRONICS & TELECOMMUNICATION EQUIPMENT	**P-1 NOMENCLATURE:** ATCALS

ITEM / FISCAL YEAR	QTY.	UNIT COST	LOCATION OF PCO	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWD. DATE	DATE FIRST DEL.	SPECS AVAIL NOW	DATE REV. AVAIL
3. MACS (1)									
FY04			AFMC/ESC	OPT/FFP	ITT GILFILLAN, VAN NUYS CA	MAR 04	SEP 05	Y	
FY05			AFMC/ESC	OPT/FFP	ITT GILFILLAN, VAN NUYS CA	DEC 04	JUN 06	Y	

REMARKS:
1. Option to the Air Force Mobile Approach Control System contract which was originally awarded in October 2000.

BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)	DATE: FEBRUARY 2003
APPROP CODE/BA: OPAF/ELECTRONICS & TELECOMMUNICATION EQUIPMENT	**P-1 NOMENCLATURE:** NATIONAL AIRSPACE SYSTEM

	FY2002	FY2003	FY2004	FY2005	FY2006	FY2007	FY2008	FY2009
QUANTITY								
COST (in Thousands)	$50,158	$40,750	$33,704	$55,774	$54,442	$61,366	$62,488	$63,529

Description:

The National Airspace System (NAS) program modernizes the Department of Defense (DoD) Air Traffic Control (ATC) system in conjunction with the Federal Aviation Administration (FAA) modernization effort. NAS will increase safety of flight, provide systems and facilities interoperable with FAA modernization, replace aging DoD ATC systems, provide identical service to military and civilian aircraft, reduce DoD flight cancellations/delays, and reduce maintenance. Equipment procured includes fixed site approach control, control towers, airfield automation systems, radars, voice switches, associated Pre-Planned Product Improvement (P3I), site preparation, installation support, ancillary equipment and supplies, and direct production support. Use of Non-Developmental Items (NDI) is maximized. Current systems are approaching the end of their planned life cycle and are increasingly more expensive and difficult to repair. As the FAA modernizes the nation's air traffic control system, DoD must remain operationally compatible to continue to provide service to military and civilian users who depend on DoD's ATC services.

The Air Force (AF) is the lead service for the NAS program. NAS will modernize 92 DoD sites with a site-unique array of equipment. Some of these sites include major range and test facility bases, which may require procurement of non-standard communications and automation equipment through separate contracts. Of the 92 DoD sites, 44 constitute AF sites requiring AF funding.

1. DOD ADVANCED AUTOMATION SYSTEM (DAAS): The DAAS is comprised of equipment tailored to support the operation of two types of ATC facilities: Radar Approach Controls (RAPCONs) and military control tower facilities. DAAS provides digital controller displays, consoles, automation hardware, and software to replace those systems approaching the end of their life cycle. DAAS replaces the current generation air traffic control automation system in DoD RAPCONs and Dependent Control Towers. FY04 funds procure and install 3 DAAS systems at key AF locations.

BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)	DATE: FEBRUARY 2003
APPROP CODE/BA: OPAF/ELECTRONICS & TELECOMMUNICATION EQUIPMENT	**P-1 NOMENCLATURE:** NATIONAL AIRSPACE SYSTEM

Description (continued):

2. DIGITAL AIRPORT SURVEILLANCE RADAR (DASR): The DASR consists of two subsystems: a primary and a secondary surveillance radar. DASR provides aircraft position and other data to controller displays in the RAPCON and at select control tower locations. DASR replaces the DoD current generation of analog ATC surveillance radars. FY04 funds procure and install 2 DASRs at key AF locations.

3. VOICE COMMUNICATIONS SWITCHING SYSTEM (VCSS): VCSS equipment is tailor-made to support communications in a variety of facilities ranging from low-volume ATC to large radar approach control facilities. VCSS provides connectivity for controllers to communicate via land lines and radios with aircraft, vehicles, and agencies. VCSS replaces current analog switches with new digital voice switches for DoD RAPCONs and some stand-alone control towers. FY04 funds procure and install 5 VCSSs at key Air Force locations.

4. AIRFIELD AUTOMATION: No FY04 funding is requested.

BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITEMS (EXHIBIT P- 40A)	DATE: FEBRUARY 2003
APPROP CODE/BA: OPAF/ELECTRONICS & TELECOMMUNICATION EQUIPMENT	**P-1 NOMENCLATURE:** NATIONAL AIRSPACE SYSTEM

PROCUREMENT ITEMS	ID CODE	FY2002		FY2003		FY2004		FY2005	
		QTY.	COST	QTY.	COST	QTY.	COST	QTY.	COST
1. DOD ADVANCED AUTOMATION SYSTEM	A		$22,914		$15,653		$13,444		$17,453
2. DIGITAL AIRPORT SURVEILLANCE RADAR	A		$4,848		$16,381		$15,825		$31,544
3. VOICE COMMUNICATIONS SWITCHING SYSTEM	A		$22,396		$8,716		$4,435		$0
4. AIRFIELD AUTOMATION	A						$0		$6,777
Totals:			$50,158		$40,750		$33,704		$55,774

Remarks:

	P-1 ITEM NO 40		PAGE NO: 25		Page 1 of 1

BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P- 5A)	DATE: FEBRUARY 2003
APPROP CODE/BA: OPAF/ELECTRONICS & TELECOMMUNICATION EQUIPMENT	**P-1 NOMENCLATURE:** NATIONAL AIRSPACE SYSTEM

ITEM / FISCAL YEAR	QTY.	UNIT COST	LOCATION OF PCO	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWD. DATE	DATE FIRST DEL.	SPECS AVAIL NOW	DATE REV. AVAIL
1. DOD ADVANCED AUTOMATION SYSTEM (1)									
FY02			AFMC/ESC	OPT/FFP(2)	RAYTHEON CORP., MARLBORO, MA	JAN 02	JUL 02		
FY03			AFMC/ESC	C/FFP	RAYTHEON CORP., MARLBORO, MA	MAR 03	DEC 03	Y	
FY04			AFMC/ESC	OPT/FFP(3)	RAYTHEON CORP., MARLBORO, MA	JAN 04	OCT 04	Y	
FY05			AFMC/ESC	OPT/FFP(3)	RAYTHEON CORP., MARLBORO, MA	JAN 05	OCT 05	Y	
FFP(3)									
2. DIGITAL AIRPORT SURVEILLANCE RADAR (1)									
FY02			AFMC/ESC	OPT/FFP(4)	RAYTHEON CORP., MARLBORO, MA	SEP 02	FEB 04		
FY03			AFMC/ESC	OPT/FFP(4)	RAYTHEON CORP., MARLBORO, MA	MAR 03	AUG 04	Y	
FY04			AFMC/ESC	OPT/FFP(4)	RAYTHEON CORP., MARLBORO, MA	DEC 03	MAY 05	Y	
FY05			AFMC/ESC	OPT/FFP(4)	RAYTHEON CORP., MARLBORO, MA	DEC 04	MAY 06	Y	
3. VOICE COMMUNICATIONS SWITCHING SYSTEM (1)									
FY02			AFMC/ESC	OPT/FFP(5)	NORTHROP-GRUMMAN DENRO, GAITHERSBURG, MD	JAN 02	JUL 02		
FY03			AFMC/ESC	OPT/FFP(5)	NORTHROP-GRUMMAN DENRO, GAITHERSBURG, MD	JAN 03	JUL 03		
FY04			AFMC/ESC	OPT/FFP(5)	NORTHROP-GRUMMAN DENRO, GAITHERSBURG, MD	JAN 04	JUL 04	Y	

	P-1 ITEM NO 40		PAGE NO: 26		Page 1 of 2

BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P- 5A)	DATE: FEBRUARY 2003
APPROP CODE/BA: OPAF/ELECTRONICS & TELECOMMUNICATION EQUIPMENT	**P-1 NOMENCLATURE:** NATIONAL AIRSPACE SYSTEM

ITEM / FISCAL YEAR	QTY.	UNIT COST	LOCATION OF PCO	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWD. DATE	DATE FIRST DEL.	SPECS AVAIL NOW	DATE REV. AVAIL
4. AIRFIELD AUTOMATION									
FY05			AFMC/ESC	C/FFP	UNKNOWN	DEC 04	MAR 05	Y	

REMARKS:
1. System equipment quantity and configurations are tailored to meet specific site requirements. The result is varying unit costs in all systems.
2. Option to the FAA Standard Terminal Automated Replacement System contract awarded in September 1996.
3. Option to the FAA Standard Terminal Automated Replacement System contract to be awarded in FY03.
4. Option to the Air Force Digital Airport Surveillance Radar contract awarded in August 1996.
5. Option to the FAA Enhanced Terminal Voice Switch contract awarded in July 1995

	P-1 ITEM NO 40		PAGE NO: 27		Page 2 of 2

BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)	DATE: FEBRUARY 2003
APPROP CODE/BA: OPAF/ELECTRONICS & TELECOMMUNICATION EQUIPMENT	**P-1 NOMENCLATURE:** THEATER AIR CONTROL SYSTEM IMPROVEMENT

	FY2002	FY2003	FY2004	FY2005	FY2006	FY2007	FY2008	FY2009
QUANTITY								
COST (in Thousands)	$19,329	$24,871	$29,849	$45,925	$77,567	$78,210	$70,467	$70,745

Description:

The Theater Air Control System Improvements (TACSI) program acquires state-of-the-art equipment and capabilities essential to the survival and combat effectiveness of tactical air command and control (C2). Collectively, they provide the flexibility, responsiveness, reliability and maintainability necessary for effective C2. Additionally, TACSI provides funding for procurement of the Air Force Mission Support System (AFMSS) which provides unit level mission planning systems for pilots and supports all current/future aircraft and associated weapons.

1. BATTLE CONTROL SYSTEM (BCS-M): The BCS Family of Systems (FOS) is comprised of fixed Homeland Defense (HLD) [BCS-Fixed (BCS-F)] and mobile Theater Battle Management (TBM) C2 nodes [BCS-Mobile (BCS-M)]. The BCS-M formerly known as Ground Theater Air Control System (GTACS), also known as Control and Reporting Center (CRC), and also referred to under PE Title "Modular Control System (MCS)," is a low density/high demand deployable ground C2 asset conducting both theater and homeland defense operations. The BCS strategy supports the modernization of the current CRC to become the Battle Control Center (BCC) with forward deployed Radar/Communications Cells (RCC). The CRC will continue to provide capability until all phases of BCS have been accomplished. The CRC provides the Joint Task Force (JTF)/Joint Force Air Component Commander (JFACC) with a deployable Theater Battle Management C2 capability. The CRC conducts worldwide C2 missions ranging from tactical-level operations supporting Continental United States (CONUS) homeland defense, military-operations-other-than-war, and peacetime contingencies, to projecting decisive force into one or more major regional conflicts in support of strategic war. The CRC deploys into a theater with its operations contingent located on or near a main operating base (MOB) with organic AN/TPS-75 deployed radars (DRs), Link 16-capable AN/TSC-147 Joint Tactical Information Distribution System (JTIDS) Modules, and secure ground-air-ground communications placed forward in-theater. In addition to the AN/TPS-75, the CRC must be capable of integrating sensors of opportunity (USAF, Joint, CONUS Federal Aviation Administration (FAA), and host nation radars) that may be located within its assigned area of operations.

a. BCS EVOLUTIONARY UPGRADES: The BCS activities include, but are not be limited to, Theater Air Defense Missile Tracking

BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)	DATE: FEBRUARY 2003
APPROP CODE/BA: OPAF/ELECTRONICS & TELECOMMUNICATION EQUIPMENT	**P-1 NOMENCLATURE:** THEATER AIR CONTROL SYSTEM IMPROVEMENT

Description (continued):

System (TAD MTS), Secure Remote Radio, Remote Radar, Non-Organic Radar Access, Common Battle Management Software, and Sensor Replacement/Upgrade, transitioning Area Cruise Missile Defense (ACMB) Advanced Capabilities Technology Demonstration (ACTD) into BCS-M, leveraging capabilities from BCS-F and AWACS 40/45, and integrating evolutionary upgrades from legacy CRC into BCS-M. In FY03 Congress added $ 8.4M for the AN/TPS-75. Reference Appropriations Conference Report 107-732, October 9, 2002, page 218. FY04 funding provides for continuing BCS evolutionary upgrades.

b. CRC IMPROVEMENTS: CRC Improvements continue to provide both evolutionary upgrades and reliability and maintainability improvements to the AN/TYQ-23 Operations Modules (OMs), the AN/TPS-75 radar, and peripheral equipment through projects that include, but are not limited to, Operator Console Units (OCUs), Joint Range Extension, Service Life Extension (SLE) and the Gateway. FY04 funding provides for continuing CRC improvements.

c. AN/TYQ-23 MODULAR CONTROL EQUIPMENT (MCE): No FY04 funds requested.

2. BATTLE CONTROL SYSTEM-FIXED (BCS-F): No FY04 funds requested.

3. AIR FORCE MISSION SUPPORT SYSTEM (AFMSS): This program provides a suite of mission planning systems that can be integrated with Theater Battle Management (TBM) systems for aircrews to electronically receive tasking orders, intelligence information, and imagery; prepare and calculate flight and weapons delivery planning data (e.g., maps, charts, imagery, flight logs, radar predictions, and navigation databases); and electronically transfer this information to the aircraft and weapons. These systems increase the combat effectiveness of Air Force (active duty, guard, and reserve forces) aircraft and weapons by increasing wartime sortie rates, supporting sophisticated avionics and precision/autonomous guided munitions, and providing the ability to analyze and defeat complex threats. The program procures Unix-based mission planning computers and PC-based mission planning computers, as well as engineering support to meet the varied requirements of Combat Air Forces and Mobility Air Forces. These systems provide a flexible, configurable, and cost effective range of increasing capability to meet the continuum of peacetime, contingency, and wartime mission planning requirements. The AFMSS program recently made a shift in the mission planning hardware emphasis from a small number of large, complex planning systems to a larger number of smaller, more personal planning devices tailored to the users' needs. These adjustments were made for the following technologically-driven reasons: the evolutionary

BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)	DATE: FEBRUARY 2003
APPROP CODE/BA: OPAF/ELECTRONICS & TELECOMMUNICATION EQUIPMENT	**P-1 NOMENCLATURE:** THEATER AIR CONTROL SYSTEM IMPROVEMENT

Description (continued):

nature of the AFMSS mission requires hardware changes to meet overall system requirements; advances in commercial-off-the-shelf (COTS) technology make available new capabilities which may lower component costs or address component obsolescence; and changes in number, type, and deployment of aircraft/weapons require changes in the number and mix of Unix-based and PC-based mission planning computers and their concept of operation. Each year, a variety of hardware platforms will be procured to meet the varied needs of the Air Force mission planners. Market surveys and analysis of COTS products support procurement decisions.

a. UNIX-BASED MISSION PLANNING COMPUTER (UMPC): UMPC consists of a transportable, network-capable system integrated with AFMSS Mission Planning System (MPS) software to provide basic mission planning capability as well as mission planning for precision guided munitions, large data storage, and full interoperability with TBM systems. Additionally, color printers are included with the system to allow the user to produce charts and other mission-specific products. FY04 funding will procure these systems, associated hardware and software licenses.

b. PC-BASED MISSION PLANNING COMPUTER (PMPC): PMPC takes advantage of the rapid increase in PC based technology to enable mainframe type computing on increasingly smaller and more mission-oriented devices, to include but not limited to desktops, laptops, Personal Digital Assistants (PDA's) and tablet PC's. It consists of a portable, tailorable, network-capable system integrated with AFMSS Portable Flight Planning System (PFPS) software (and when available the Joint Mission Planning System (JMPS) software) to provide basic mission planning capability, large data storage, and full interoperability with TBM systems. PMPCs can also be networked with UMPCs to further tailor a platform's mission planning environment. Additionally, color printers are included with the system to allow the user to produce charts and other mission-specific products. FY04 funding procures these systems, associated hardware and software licenses.

c. PROGRAM/ENGINEERING SUPPORT: FY04 funding continues program/engineering support for AFMSS.

WEAPON SYSTEM COST ANALYSIS (EXHIBIT P- 5)		DATE: FEBRUARY 2003
APPROP CODE/BA: OPAF/ELECTRONICS & TELECOMMUNICATION EQUIPMENT	**P-1 NOMENCLATURE:** THEATER AIR CONTROL SYSTEM IMPROVEMENT	

WEAPON SYSTEM COST ELEMENTS	IDENT CODE	FY2002			FY2003			FY2004			FY2005		
		QTY	UNIT COST	TOTAL COST	QTY	UNIT COST	TOTAL COST	QTY	UNIT COST	TOTAL COST	QTY	UNIT COST	TOTAL COST
1. BATTLE CONTROL SYSTEM (BCS-M)				{10,431}			{11,561}			{18,987}			{27,374}
A. BCS EVOLUTIONARY UPGRADES	A						11,561			13,674			22,679
B. CRC IMPROVEMENTS	A									5,313			4,695
C. AN/TYQ-23 MCE FOR ANG	A			10,431									
2. BATTLE CONTROL SYSTEM-FIXED (BCS-F)													{4,552}
A. REPLACEMENT EQUIPMENT	A												4,272
B. PROGRAM/ENGINEERING SUPPORT													280
3. AIR FORCE MISSION PLANNING SYSTEM (AFMSS)				{8,898}			{13,310}			{10,862}			{13,999}
A. UNIX-BASED MISSION PLANNING COMPUTER (UMPC)	A			3,306			3,731			811			1,748
B. PC-BASED MISSION PLANNING COMPUTER (PMPC)	A			4,643			8,096			7,730			10,256
C. PROGRAM/ENGINEERING SUPPORT				949			1,483			2,321			1,995
TOTALS:				19,329			24,871			29,849			45,925

REMARKS:

	P-1 ITEM NO 41		PAGE NO: 31		Page 1 of 1

BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P- 5A)	DATE: FEBRUARY 2003
APPROP CODE/BA: OPAF/ELECTRONICS & TELECOMMUNICATION EQUIPMENT	**P-1 NOMENCLATURE:** THEATER AIR CONTROL SYSTEM IMPROVEMENT

ITEM / FISCAL YEAR	QTY.	UNIT COST	LOCATION OF PCO	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWD. DATE	DATE FIRST DEL.	SPECS AVAIL NOW	DATE REV. AVAIL
1. BATTLE CONTROL SYSTEM (BCS-M)									
A. BCS EVOLUTIONARY UPGRADES (1)									
FY03			AFMC/ESC	MIPR/OTH	NAVAL AIR WARFARE CENTER, PATUXENT RIVER, ST INIGOES, MD	JAN 03	SEP 03		
FY04			AFMC/ESC	OTH/OTH (2)	MULTIPLE	OCT 03	AUG 04	Y	
FY05			AFMC/ESC	OTH/OTH (2)	MULTIPLE	OCT 04	SEP 05	Y	
B. CRC IMPROVEMENTS (1)									
FY04			AFMC/OO-ALC	OTH/OTH (2)	MULTIPLE	DEC 03	AUG 04	Y	
FY05			AFMC/OO-ALC	OTH/OTH (2)	MULTIPLE	DEC 04	AUG 05	Y	
C. AN/TYQ-23 MCE FOR ANG									
FY02			AFMC/OO-ALC	C/FFP	NORTHRUP GRUMMAN, AGOURA HILLS, CA	AUG 02	APR 04		
2. BATTLE CONTROL SYSTEM-FIXED (BCS-F)									
A. REPLACEMENT EQUIPMENT									
FY05			AFMC/ESC	C/FFP	UNKNOWN	APR 05	JUN 05	N	MAR 05
3. AIR FORCE MISSION PLANNING SYSTEM (AFMSS)									
A. UNIX-BASED MISSION PLANNING COMPUTER (UMPC) (1)									
FY02			AFMC/ESC	OPT/FFP	MULTIPLE (3)	NOV 01	FEB 02		

	P-1 ITEM NO 41		PAGE NO: 32		Page 1 of 2

BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P- 5A)	DATE: FEBRUARY 2003
APPROP CODE/BA: OPAF/ELECTRONICS & TELECOMMUNICATION EQUIPMENT	**P-1 NOMENCLATURE:** THEATER AIR CONTROL SYSTEM IMPROVEMENT

ITEM / FISCAL YEAR	QTY.	UNIT COST	LOCATION OF PCO	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWD. DATE	DATE FIRST DEL.	SPECS AVAIL NOW	DATE REV. AVAIL
FY03			AFMC/ESC	OPT/FFP	MULTIPLE (3)	NOV 02			
FY04			AFMC/ESC	OPT/FFP	MULTIPLE (3)	NOV 03	FEB 04	N	NOV 03
FY05			AFMC/ESC	OPT/FFP	MULTIPLE (3)	NOV 04	FEB 05	N	NOV 04
B. PC-BASED MISSION PLANNING COMPUTER (PMPC) (1)									
FY02			AFMC/ESC	OPT/FFP	MULTIPLE (3)	NOV 01	FEB 02		
FY03			AFMC/ESC	OPT/FFP	MULTIPLE (3)	NOV 02	FEB 03		
FY04			AFMC/ESC	OPT/FFP	MULTIPLE (3)	NOV 03	FEB 04	N	NOV 03
FY05			AFMC/ESC	OPT/FFP	MULTIPLE (3)	NOV 04	FEB 05	N	NOV 04

REMARKS:

(1) Quantity and unit cost vary because of different types/configuration of equipment being procured or equipment procured is site specific.

(2) Various contract methods and types will be utilized. Examples of contractors include Northrop Grumman, Agoura Hills, CA; Northrop Grumman, Baltimore, MD; Raytheon, Fullerton, CA. Award/delivery dates reflect date of first award and delivery.

(3) AFMSS components are procured as commercial-off-the-shelf equipment available through various contract sources, e.g. GSA, IDIQ contracts, blanket purchase agreements. Examples of contractors including Dell Corporation, Austin, TX; Rugged Portable System (RPS), Santa Ana, CA; Beyond Technology (BTG), Fairfax VA; Government Technology Services, Inc (GTSI), Chantilly VA; and Tracor Enterprise solutions, Reston, VA. Award/delivery dates reflect date of first award and delivery.

BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)	DATE: FEBRUARY 2003
APPROP CODE/BA: OPAF/ELECTRONICS & TELECOMMUNICATION EQUIPMENT	**P-1 NOMENCLATURE:** WEATHER OBSERVATION/FORECAST

	FY2002	FY2003	FY2004	FY2005	FY2006	FY2007	FY2008	FY2009
QUANTITY								,
COST (in Thousands)	$30,830	$29,604	$32,839	$32,536	$31,962	$32,720	$24,940	$28,212

Description:

This is a continuing program for acquisition of meteorological and space environmental equipment supporting the global missions of the Air Force (AF), Army, Special Operations Forces, unified commands, and other government agencies. Fixed and transportable equipment will provide observing and forecasting capabilities at in-garrison and deployed locations for support of the Expeditionary Aerospace Force (EAF) and Army forces worldwide. Weather system technological upgrades have emerged as critical for support of modern air combat operations. These systems enhance the lethality of Air Force weapon systems and precision munitions by accurately predicting weather to provide optimal targeting conditions and to ensure effective bomb damage assessment. $10M was realigned to this line from the Communications Electronics (Weather) Modification Line (P-1 Line Number 77) for FY04-07 to support a higher AF priority of fielding fixed-base automated systems to all 114 sites as soon as possible.

Air Force Weather (AFW) programs are aligned under the five core competency areas of weather data collection, forecasting, product tailoring/warfighter applications, weather data analysis, and dissemination as described in the AFW Mission Support Plan. Through this alignment, AFW ensures an integrated and systems-oriented approach to program management decisions.

1. WEATHER DATA COLLECTION: Combines terrestrial and space weather sensors into an integrated meteorological sensing and instrumentation approach for battlefield and in-garrison operations. Components include the following capabilities:

a. OBSERVING SYSTEM 21ST CENTURY (OS-21): Provides state-of-the-art life-cycle replacement through off-the-shelf acquisition for weather observing/sensor equipment approaching 20 years old. OS-21 includes five different configurations: fixed, deployable, remote, manual, and upper air. FY04 funding procures fixed, in-garrison weather observing/sensor systems.

b. SMALL TACTICAL TERMINAL (STT): No FY04 funding is requested.

BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)	DATE: FEBRUARY 2003
APPROP CODE/BA: OPAF/ELECTRONICS & TELECOMMUNICATION EQUIPMENT	**P-1 NOMENCLATURE:** WEATHER OBSERVATION/FORECAST

Description (continued):

c. DIGITAL IONOSPHERIC SOUNDER SYSTEM (DISS): Provides vertical incidence measurements of the ionosphere from multiple locations. Those measurements are used as model inputs for space weather forecast products supporting warfighter operations. FY04 funding begins First Article acquisition and preparation of related documentation for replacement of existing capability.

2. PRODUCT TAILORING/WARFIGHTER APPLICATIONS: Provides weather impacts information to warfighters at theater and tactical levels. At the theater level, Operational Weather Squadrons (OWSs) provide timely, focused, fine-scale weather products and services to support operational commanders within a given Area of Responsibility. At the tactical level, Combat Weather Teams (CWTs) [formerly named Weather Flight/Detachments (WF/Dets)] provide front-line weather information to AF and Army warfighters in direct support of combat operations. CWTs operate at both in-garrison and deployed locations. FY04 funding procures integrated computer hardware and software suites and associated communications interfaces for operational weather support at fixed and deployed AF and Army locations in the Continental United States and overseas.

3. WEATHER DATA ANALYSIS: Implements AFW Reengineering at the strategic level. AFW Strategic Center provides global-scale atmospheric data and forecast and analysis products required by regional OWSs and CWTs for AF and Army customers worldwide. Also implements weather data interfaces for Command and Control (C2) and mission planning systems. Other customers for global products include DoD and Department of Commerce agencies and the National Intelligence Community. FY04 funding procures computer hardware and associated integration software for database expansion and incorporation of new weather data from non-DoD satellite resources.

4. WEATHER DATA DISSEMINATION: Provides for timely and reliable transmission of weather data and products to intermediate and end users through intra- and internets while ensuring data integrity and continuity of service. Ensures data formats and transmission protocols conform to Joint Technical Architecture (JTA) standards for integration into the warfighter's Command and Control and mission planning and rehearsal systems. FY04 funding will procure commercial off-the-shelf computer hardware and software and associated communications equipment.

WEAPON SYSTEM COST ANALYSIS (EXHIBIT P- 5)		DATE: FEBRUARY 2003
APPROP CODE/BA: OPAF/ELECTRONICS & TELECOMMUNICATION EQUIPMENT	**P-1 NOMENCLATURE:** WEATHER OBSERVATION/FORECAST	

WEAPON SYSTEM COST ELEMENTS	IDENT CODE	FY2002			FY2003			FY2004			FY2005		
		QTY	UNIT COST	TOTAL COST	QTY	UNIT COST	TOTAL COST	QTY	UNIT COST	TOTAL COST	QTY	UNIT COST	TOTAL COST
1. WEATHER DATA COLLECTION				{17,835}			{15,732}			{18,059}			{20,029}
A. OS-21				{17,496}			{15,732}			{16,359}			{15,780}
PRIME MISSION EQUIPMENT (1)	A			14,578			12,561			14,643			13,524
SYSTEM ENGINEERING				2,918			3,171			1,716			2,256
B. SMALL TACTICAL TERMINAL (STT)				{339}									
PRIME MISSION EQUIPMENT	A			339									
C. DIGITAL IONOSPHERIC SOUNDER SYSTEM (DISS)										{1,700}			{4,249}
FIRST ARTICLE	A									1,700			
PRIME MISSION EQUIPMENT	A												3,849
SYSTEM ENGINEERING													400
2. PRODUCT TAILORING & WARFIGHTER APPLICATIONS				{6,627}			{8,418}			{5,457}			{3,874}
PRIME MISSION EQUIPMENT (1)	A			5,180			6,602			4,476			3,022
SYSTEM ENGINEERING				1,447			1,816			981			852
3. WEATHER DATA ANALYSIS				{6,368}			{4,854}			{4,750}			{3,842}
PRIME MISSION EQUIPMENT (1)	A			4,691			4,106			3,815			3,089
SYSTEM ENGINEERING				1,677			748			935			753

	P-1 ITEM NO 42		PAGE NO: 36		Page 1 of 2

WEAPON SYSTEM COST ANALYSIS (EXHIBIT P- 5)		DATE: FEBRUARY 2003
APPROP CODE/BA: OPAF/ELECTRONICS & TELECOMMUNICATION EQUIPMENT	**P-1 NOMENCLATURE:** WEATHER OBSERVATION/FORECAST	

WEAPON SYSTEM COST ELEMENTS	IDENT CODE	FY2002			FY2003			FY2004			FY2005		
		QTY	UNIT COST	TOTAL COST	QTY	UNIT COST	TOTAL COST	QTY	UNIT COST	TOTAL COST	QTY	UNIT COST	TOTAL COST
4. WEATHER DATA DISSEMINATION							{600}			{4,573}			{4,791}
PRIME MISSION EQUIPMENT (1)	A						600			4,573			4,791
TOTALS:				30,830			29,604			32,839			32,536

REMARKS:

(1) Prime Mission Equipment (PME) line includes Tech Data.

	P-1 ITEM NO 42		PAGE NO: 37		Page 2 of 2

BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P- 5A)	DATE: FEBRUARY 2003
APPROP CODE/BA: OPAF/ELECTRONICS & TELECOMMUNICATION EQUIPMENT	**P-1 NOMENCLATURE:** WEATHER OBSERVATION/FORECAST

ITEM / FISCAL YEAR	QTY.	UNIT COST	LOCATION OF PCO	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWD. DATE	DATE FIRST DEL.	SPECS AVAIL NOW	DATE REV. AVAIL
1. WEATHER DATA COLLECTION									
A. OS-21									
PRIME MISSION EQUIPMENT (1)									
FY02			AFMC/ESC	C (6)/IDIQ	COASTAL ENVIRONMENTAL SYSTEMS, SEATTLE, WA	MAY 02	JUL 02		
FY03			AFMC/ESC	C (6)/IDIQ	COASTAL ENVIRONMENTAL SYSTEMS, SEATTLE, WA	NOV 02	FEB 03		
FY04			AFMC/ESC	C (6)/IDIQ	COASTAL ENVIRONMENTAL SYSTEMS, SEATTLE, WA	NOV 03	FEB 04	Y	
FY05			AFMC/ESC	C (6)/IDIQ	COASTAL ENVIRONMENTAL SYSTEMS, SEATTLE, WA	NOV 04	FEB 05	Y	
B. STT									
PRIME MISSION EQUIPMENT (1)									
FY02			AFSPC/SMC	OPT/OTH (2)	AMCOMP CORP, TORRANCE, CA	JAN 02	MAR 02		
C. DISS									
PRIME MISSION EQUIPMENT (1)									
FY04			AFSPC/SMC	C/FFP	UNKNOWN	FEB 04	JUL 04	N	OCT 03
FY05			AFSPC/SMC	C/FFP	UNKNOWN	JAN 05	JUN 05	N	OCT 04
2. PRODUCT TAILORING & WARFIGHTER APPLICATIONS									
PRIME MISSION EQUIPMENT (1)									
FY02			AFMC/ESC	OPT/OTH (3)	MULTIPLE	NOV 01	JAN 02		

BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P- 5A)	DATE: FEBRUARY 2003
APPROP CODE/BA: OPAF/ELECTRONICS & TELECOMMUNICATION EQUIPMENT	**P-1 NOMENCLATURE:** WEATHER OBSERVATION/FORECAST

ITEM / FISCAL YEAR	QTY.	UNIT COST	LOCATION OF PCO	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWD. DATE	DATE FIRST DEL.	SPECS AVAIL NOW	DATE REV. AVAIL
FY03			AFMC/ESC	OPT/OTH (3)	MULTIPLE	NOV 02	FEB 03		
FY04			AFMC/ESC	OPT/OTH (4)	MULTIPLE	NOV 03	FEB 04	Y	
FY05			AFMC/ESC	OPT/OTH (4)	MULTIPLE	NOV 04	FEB 05	Y	
3. WEATHER DATA ANALYSIS									
PRIME MISSION EQUIPMENT (1)									
FY02			AFMC/ESC	C/CPFF (5)	NORTHROP GRUMMAN INFORMATION TECHNOLOGY, BELLEVUE, NE	MAY 02	MAR 03		
FY03			AFMC/ESC	C/CPFF (5)	NORTHROP GRUMMAN INFORMATION TECHNOLOGY, BELLEVUE, NE	MAR 03	AUG 03	Y	
FY04			AFMC/ESC	C/CPFF	UNKNOWN	JAN 04	JUN 04	Y	
FY05			AFMC/ESC	C/CPFF	UNKNOWN	JAN 05	JUN 05	Y	
4. WEATHER DATA DISSEMINATION									
PRIME MISSION EQUIPMENT (1)									
FY03			HQ AFWA	MIPR/FP	GSA, KANSAS CITY, MO	MAR 03	SEP 03	Y	
FY04			HQ AFWA	MIPR/FP	GSA, KANSAS CITY, MO	DEC 03	JUN 04	Y	
FY05			HQ AFWA	MIPR/FP	GSA, KANSAS CITY, MO	DEC 04	JUN 05	Y	

REMARKS:
1. Quantity and unit cost vary due to site specific configurations.
2. Awarded through pre-competed Technical Acquisition Support Services (TASS) contract vehicle that was awarded May 01.

	P-1 ITEM NO 42		PAGE NO: 39		Page 2 of 3

BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P- 5A)	DATE: FEBRUARY 2003
APPROP CODE/BA: OPAF/ELECTRONICS & TELECOMMUNICATION EQUIPMENT	**P-1 NOMENCLATURE:** WEATHER OBSERVATION/FORECAST

ITEM / FISCAL YEAR	QTY.	UNIT COST	LOCATION OF PCO	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWD. DATE	DATE FIRST DEL.	SPECS AVAIL NOW	DATE REV. AVAIL

3. Multiple contractors: Command and Control Product Line (CCPL) is a pre-competed contract vehicle that was awarded Feb 97. Contractors: TRW, Redondo Beach, CA and Raytheon, Fullerton, CA. Also Information Technology Contract with General Dynamics through GSA Kansas City, MO. Award and delivery dates reflect first contract award date and delivery date.
4. CCPL contract will be re-competed during FY03.
5. Selection through pre-competed Advanced Technology Support Program (ATSP II), Defense Micro Electronics Activity (DMEA) contract vehicle. Subsequent increments may or may not be awarded to same contractor.
6. Initial contract was awarded to Coastal Environmental Systems, Seattle, WA in Nov 01.

BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)	DATE: FEBRUARY 2003
APPROP CODE/BA: OPAF/ELECTRONICS & TELECOMMUNICATION EQUIPMENT	**P-1 NOMENCLATURE:** STRATEGIC COMMAND AND CONTROL

	FY2002	FY2003	FY2004	FY2005	FY2006	FY2007	FY2008	FY2009
QUANTITY								
COST (in Thousands)	$19,582	$23,681	$43,094	$48,660	$39,049	$34,815	$35,792	$43,047

Description:

The Strategic Command and Control (C2) program procures mission critical communications and computer systems required to ensure the United States has the capability for effective command and control of the Twin Triad (nuclear and conventional). It procures hardware replacements/upgrades to maintain the only computer system that produces the nation's nuclear war plan and performs conventional/contingency war planning. Additionally, the program supports life-cycle replacement of outdated and unreliable communications equipment in support of the B-2 Program. Funding increases reflect higher priority placed on improved, survivable strategic communications.

1. NUCLEAR PLANNING AND EXECUTION SYSTEM (NPES): NPES is the single, survivable national C2 automated information system (AIS) supporting the President, Secretary of Defense, Joint Staff, and nuclear Combatant Commanders in the transition/post phases of nuclear conflict. The NPES requirement includes fixed command center and mobile applications. This funding covers the development, test, fixed command center, and mobile applications. FY04 funding procures operational suites for the fixed command centers, Mobile Consolidated Command Center (MCCC) and Airborne National Command Post (ABNCP) platforms.

2. MOBILE CONSOLIDATED COMMAND CENTER (MCCC): The United States Strategic Command (USSTRATCOM) Mobile Consolidated Command Center (MCCC), Offutt Air Force Base (AFB), NE, provides contingency communications capable of accomplishing all Combatant Command C2, reconstitution, and continuity of operations missions in the event primary C2 facilities are incapacitated. FY04 funding will: complete the purchase and integration of the enhanced fiber optic data distribution system (DDSI), to include the replacement of the primary mission shelters; complete the swapping of Defense Satellite Communications System (DSCS) vans with US Northern Command (NORTHCOM); complete the upgrade of system timing; purchase/installation of workstations compatible with Global Command and Control System (GCCS) and GCCS-Top Secret (GCCS-T); purchase/install a redundant Global Broadcast System (GBS), and a second MILSTAR trailerized antenna; complete the purchase of an enhanced message distribution system; complete the procurement of updated mobile power system; initial procurement of modern handheld communications

BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)	DATE: FEBRUARY 2003
APPROP CODE/BA: OPAF/ELECTRONICS & TELECOMMUNICATION EQUIPMENT	**P-1 NOMENCLATURE:** STRATEGIC COMMAND AND CONTROL

Description (continued):

radios; and begin the purchase of Nuclear, Biological, and Chemical (NBC) protection systems.

3. C2 MODERNIZATION: USSTRATCOM's C2 Modernization is a program for employing a set of underlying information services, technologies, and tools that enable the Commander, United States Strategic Command (COMSTRAT) to achieve the broad operational warfighting capabilities described in Joint Vision 2020. This is a spiral development effort visualized as a collection of distributed databases and applications, integrated through a grid of supporting services. C2 Modernization provides the hardware to acquire, process and deliver information, as needed, to enhance decision-making. Building upon FY02 accomplishments in the Secret environment, FY03 will begin procurement of a complimentary infrastructure within the Top Secret-Single Integrated Operational Plan (TS-SIOP) environment. The FY03 increment procures high availability mid-tier servers to provide a centralized platform for C2 mission applications and associated services. This includes the ability to support a synchronized flow of information from the Secret environment to the TS-SIOP environment. FY03 will deliver two spirals of the Fused Battlespace View (FBV) in the Secret environment, and funds will be allocated to modernize the Command Center and C2 networks (switch hardware, cabling, integration). FY04 will begin the procurement video and audio hardware to modernize and enhance Command Center capabilities. FY04 will also continue to deliver spiral enhancements to core FBV capabilities delivered in the previous FYs.

4. STRATEGIC WAR PLANNING SYSTEM (SWPS): The mission of USSTRATCOM is to establish and provide full-spectrum global strike, coordinated space and information operations capabilities to meet both deterrent and decisive national security objectives. USSTRATCOM will also provide operational space support, integrated missile defense, global command, control, communications, computers, intelligence, surveillance, and reconnaissance (C4ISR), and specialized planning expertise to the joint warfighter. To help USSTRATCOM carry out its mission, SWPS infrastructure capabilities develop, verify, and produce Operational Plan (OPLAN) 8044, Theater Support Planning Documents, new Unified Command Plan (UCP) taskings, and related products. To support its mission objectives, SWPS includes automatic data processing equipment (ADPE), software, training, associated deployable and distributed data processing nodes, and subsidiary systems. Funding supports the phased sustainment and life cycle hardware replacement for SWPS. SWPS is one of DoD's most complex classified computer systems, and the only system that produces the OPLAN 8044 which assigns a target to every strategic nuclear warhead in the US inventory. The system performs tasks ranging from running threat scenarios to providing data for developing bomber aircraft crews' strike mission data in digital and hard copy formats. USSTRATCOM developed a hardware six-year life-cycle replacement

BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)	DATE: FEBRUARY 2003
APPROP CODE/BA: OPAF/ELECTRONICS & TELECOMMUNICATION EQUIPMENT	**P-1 NOMENCLATURE:** STRATEGIC COMMAND AND CONTROL

Description (continued):

plan to replace servers, storage devices, workstations, PCs, and network upgrades over multiple years. This life-cycle replacement plan eliminates the peaks and valleys to better utilize existing manpower to install and configure the replacement hardware, providing an incremental and manageable life-cycle replacement of critical infrastructure components.

- FY04 funding continues the procurement of application servers, storage area network (SAN), high availability storage arrays, backup and recovery replacement project.
- The next increment of the personal computer (PC) life-cycle refreshment begins in FY04 and completes in FY05.
- FY04 funding begins the next life-cycle workstation (UNIX platform) replacement project which will be completed over four fiscal years.
- FY04 life-cycle refreshment of Government Furnished Equipment (GFE) at applications contractor site, will include workstations, PCs, and servers.

5. MISSILE ANALYSIS AND REPORTING SYSTEM (MARS) STRATCOM UNIQUE SUBSYSTEM: The USSTRATCOM Command Center Processing and Display System-Replacement (CCPDS-R) Unique Subsystem is the only automated system to provide time-critical Strategic Force Management and Force Survivability information that includes force status, Time to Impact, and Positive Control to Launch advisories. This information supports the President, Secretary of Defense, Joint Staff, and nuclear Commanders in the initial phase of a theater or strategic/nuclear conflict. This unique subsystem requires replacement in order to interface with the new Missile Analysis and Reporting System (MARS) that will replace CCPDS-R in FY04/05. The new Strategic Threat Analysis and Reporting System (STARS) STRAT Unique Subsystem requirement includes a development suite for creating and maintaining the application, a test suite, a scenario-generation system for training and operator proficiency, and a Command Center operational suite. The test suite will serve as back up for the operational system. FY04 funding will purchase the development suite hardware and software. It will also fund the test suite for software development testing, Formal Qualification Testing (FQT), and operator training. FY04 funds will also purchase the scenario generation system hardware and software. This system will allow USSTRATCOM to isolate itself and engage in a warfighting scenario simulating the entire Integrated Tactical Warning/Attack Assessment network (ITW/AA).

6. B-2 SUPPORT: The B-2 weapon system relies heavily on C2 equipment to meet its operational capability. These funds support the following B-2 dedicated systems:

BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)	DATE: FEBRUARY 2003
APPROP CODE/BA: OPAF/ELECTRONICS & TELECOMMUNICATION EQUIPMENT	**P-1 NOMENCLATURE:** STRATEGIC COMMAND AND CONTROL

Description (continued):

a. ENGINEERING DATA SYSTEMS (EDS): EDS provides engineers with specialized computers for on-line access to B-2 aircraft data. This data consists of items such as engineering analysis, manufacturing data, aircraft designs, and software documentation to help solve technical issues on B-2 aircraft in the field, which are integral to strategic C2. Locations with EDS computers include: Langley AFB, VA; Whiteman AFB, MO; Wright-Patterson AFB, OH; Oklahoma City Air Logistics Center, OK; and Northrop Grumman Corp in CA. FY04 funds continue procurement and installation of backbone infrastructure hardware and software required to conduct communications in the B-2 community, manage and distribute B-2 technical data (drawings, engineering data, etc), and buy commercial-off-the-shelf (COTS) products to integrate with existing systems. This includes data link infrastructure.

b. WEAPON SYSTEM SUPPORT CENTER (WSSC): The WSSC, located at Oklahoma Air Logistics Center, OK, provides software support and maintenance for the B-2 aircraft. Software maintenance fixes to aircraft systems include flight controls, flight management, navigation systems, weapons, and defensive management system. These software maintenance fixes will be accomplished and tested with the use of the WSSC's Software Development System (SDS), an integration and test computer laboratory complex, by analyzing and designing fixes to existing aircraft software. FY04 funding continues the replacement of computer upgrades and enhancements to existing computer equipment (i.e. computer hardware, terminals, printers, disk and tape drives, workstations, commercial software, etc.) at existing subcontractor software laboratories relocated as part of the long-term software support effort.

BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITEMS (EXHIBIT P- 40A)	DATE: FEBRUARY 2003
APPROP CODE/BA: OPAF/ELECTRONICS & TELECOMMUNICATION EQUIPMENT	**P-1 NOMENCLATURE:** STRATEGIC COMMAND AND CONTROL

PROCUREMENT ITEMS	ID CODE	FY2002		FY2003		FY2004		FY2005	
		QTY.	COST	QTY.	COST	QTY.	COST	QTY.	COST
1. NUCLEAR PLANNING AND EXECUTION SYSTEM (NPES)	A		$259		$158		$3,660		$1,430
2. MOBILE CONSOLIDATED COMMAND CENTER (MCCC)	A		$4,087		$5,514		$13,772		$10,014
3. C2 MODERNIZATION	A		$2,081		$1,922		$8,350		$13,845
4. STRATEGIC WAR PLANNING SYSTEM (SWPS)	A		$5,316		$8,557		$8,533		$14,517
5. MISSILE ANALYSIS AND REPORTING SYSTEM (MARS)	A						$1,000		$1,000
6. B-2 SUPPORT			${7,839}		${7,530}		${7,779}		${7,854}
A. ENGINEERING DATA SYSTEMS (EDS)	A		$3,910		$3,749		$1,706		$1,574
B. WEAPON SYSTEM SUPPORT CENTER (WSSC)	A		$3,929		$3,781		$6,073		$6,280
Totals:			$19,582		$23,681		$43,094		$48,660

Remarks:

	P-1 ITEM NO 43		PAGE NO: 45		Page 1 of 1

BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P- 5A)	DATE: FEBRUARY 2003
APPROP CODE/BA: OPAF/ELECTRONICS & TELECOMMUNICATION EQUIPMENT	**P-1 NOMENCLATURE:** STRATEGIC COMMAND AND CONTROL

ITEM / FISCAL YEAR	QTY.	UNIT COST	LOCATION OF PCO	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWD. DATE	DATE FIRST DEL.	SPECS AVAIL NOW	DATE REV. AVAIL
1. NUCLEAR PLANNING AND EXECUTION SYSTEM (NPES)									
FY02 (1)			USSTRATCOM	C/FP	MULTIPLE (2)	NOV 01	JAN 02		
FY03 (1)			USSTRATCOM	C/FP	MULTIPLE (2)	NOV 02	JAN 03		
FY04 (1)			USSTRATCOM	C/FP	MULTIPLE (2)	NOV 03	JAN 04	Y	
FY05 (1)			USSTRATCOM	C/FP	MULTIPLE (2)	NOV 04	JAN 05	Y	
2. MOBILE CONSOLIDATED COMMAND CENTER (MCCC)									
FY02 (1)			AFMC/ESC	OPT (3)/CPAF	LOCKHEED MARTIN, ALBUQUERQUE, NM	OCT 01	JAN 02		
FY03 (1)			AFMC/ESC	OPT (3)/CPAF	LOCKHEED MARTIN, ALBUQUERQUE, NM	OCT 02	JAN 03		
FY04 (1)			AFMC/ESC	OPT (3)/CPAF	LOCKHEED MARTIN, ALBUQUERQUE, NM	OCT 03	JAN 04	Y	
FY05 (1)			AFMC/ESC	OPT (3)/CPAF	LOCKHEED MARTIN, ALBUQUERQUE, NM	OCT 04	JAN 05	Y	
3. C2 MODERNIZATION									
FY02 (1)			USSTRATCOM	C/FP	MULTIPLE (2)	JAN 02	FEB 02		
FY03 (1)			USSTRATCOM	C/FP	MULTIPLE (2)	JAN 03	FEB 03		
FY04 (1)			USSTRATCOM	C/FP	MULTIPLE (2)	JAN 04	FEB 05	Y	
FY05 (1)			USSTRATCOM	C/FP	MULTIPLE (2)	JAN 05	FEB 06	Y	

	P-1 ITEM NO 43		PAGE NO: 46		Page 1 of 3

BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P- 5A)	DATE: FEBRUARY 2003
APPROP CODE/BA: OPAF/ELECTRONICS & TELECOMMUNICATION EQUIPMENT	**P-1 NOMENCLATURE:** STRATEGIC COMMAND AND CONTROL

ITEM / FISCAL YEAR	QTY.	UNIT COST	LOCATION OF PCO	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWD. DATE	DATE FIRST DEL.	SPECS AVAIL NOW	DATE REV. AVAIL
4. STRATEGIC WAR PLANNING SYSTEM (SWPS)									
FY02 (1)			USSTRATCOM	C/FP	MULTIPLE (2)	APR 02	MAY 02		
FY03 (1)			USSTRATCOM	C/FP	MULTIPLE (2)	JAN 03	FEB 03		
FY04 (1)			USSTRATCOM	C/FP	MULTIPLE (2)	JAN 04	FEB 04	N	DEC 03
FY05 (1)			USSTRATCOM	C/FP	MULTIPLE (2)	JAN 05	FEB 05	N	DEC 04
5. MISSILE ANALYSIS AND REPORTING SYSTEM (MARS)									
FY04 (1)			USSTRATCOM	C/FP	MULTIPLE (2)	JAN 04	FEB 04	N	DEC 03
FY05 (1)			USSTRATCOM	C/FP	MULTIPLE (2)	JAN 05	FEB 05	N	DEC 04
6. B-2 SUPPORT									
A. ENGINEERING DATA SYSTEMS (EDS)									
FY02 (1)			AFMC/OC-ALC	C/FP	MULTIPLE (4)	MAR 02	APR 02		
FY03 (1)			AFMC/OC-ALC	C/FP	MULTIPLE (4)	MAR 03	APR 03	Y	
FY04 (1)			AFMC/OC-ALC	C/FP	MULTIPLE (4)	MAR 04	APR 04	Y	
FY05 (1)			AFMC/OC-ALC	C/FP	MULTIPLE (4)	MAR 05	APR 05	Y	
B. WEAPON SYSTEM SUPPORT CENTER (WSSC)									

BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P- 5A)	DATE: FEBRUARY 2003
APPROP CODE/BA: OPAF/ELECTRONICS & TELECOMMUNICATION EQUIPMENT	**P-1 NOMENCLATURE:** STRATEGIC COMMAND AND CONTROL

ITEM / FISCAL YEAR	QTY.	UNIT COST	LOCATION OF PCO	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWD. DATE	DATE FIRST DEL.	SPECS AVAIL NOW	DATE REV. AVAIL
FY02 (1)			AFMC/OC-ALC	C/FP	MULTIPLE (4)	MAR 02	JUL 02		
FY03 (1)			AFMC/OC-ALC	C/FP	MULTIPLE (4)	MAR 03	JUL 03	Y	
FY04 (1)			AFMC/OC-ALC	C/FP	MULTIPLE (4)	MAR 04	JUL 04	Y	
FY05 (1)			AFMC/OC-ALC	C/FP	MULTIPLE (4)	MAR 05	JUL 05	Y	

REMARKS:

(1) Varying unit costs and quantities due to multiple types of equipment being procured.

(2) Procurement through various GSA contract sources and contractors. Contractors include: Government Technology Service, Inc., Chantilly, VA; Worldwide Technology, St Louis, MO; Sun Microsystems, Mountain View, CA; ANIXTER, Reston, VA; Storage Area Networks, Castle Rock, CO; and Gateway 2000, North Sioux City, SD. Award/delivery dates are the date of first contract award and delivery.

(3) Lockheed Martin contract first awarded Feb 1, 2000.

(4) Procurement through various GSA contract sources and contractors. Contractors include: Transtel, Inc., Oklahoma City, OK; TRW, Oklahoma City, OK; Telos, Oklahoma City, OK; DEC Microsystems, Oklahoma City, OK; IBM, Oklahoma City, OK. Award/delivery dates are the date of first contract award and delivery.

BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)	DATE: FEBRUARY 2003
APPROP CODE/BA: OPAF/ELECTRONICS & TELECOMMUNICATION EQUIPMENT	**P-1 NOMENCLATURE:** CHEYENNE MOUNTAIN COMPLEX

	FY2002	FY2003	FY2004	FY2005	FY2006	FY2007	FY2008	FY2009
QUANTITY								
COST (in Thousands)	$34,212	$17,396	$20,613	$17,765	$20,973	$13,672	$17,487	$12,919

Description:

This program supports acquisition for the Cheyenne Mountain Complex (CMC). Cheyenne Mountain Systems provide real-time ballistic missile warning, air defense, force management, battle management and command control and communications for the North American Air Defense (NORAD) missions. The program also provides Air Force Space Command (AFSPC) with communications and computer equipment for the Defense Message System and Base Network Control Center, NORTHCOM Mobile Consolidated Command Center and the Cheyenne Mountain Training System.

1. COMBATANT COMMANDER (FORMERLY CINC) MOBILE CONSOLIDATED COMMAND CENTERS (MCCCs): The Combatant Commander MCCC provides contingency reconstitution and continuity of command capabilities to accomplish directed Combatant Commanders' missions in the event primary command and control facilities are incapacitated. FY04 funds upgrade the current messaging capability to keep pace with required communication capabilities, replace existing generators with a new power generation structure, upgrade communication and intelligence systems, provide nuclear, biological, chemical defense equipment, and replace mission recovery equipment. These new capabilities will significantly reduce the platform's footprint, enhance operations, and provide a source of uninterruptable power.

2. TACTICAL WARNING/ATTACK ASSESSMENT (TW/AA) INTERFACE NETWORK: No FY04 funds are requested.

3. NORAD CHEYENNE MOUNTAIN COMPLEX-TACTICAL WARNING/ATTACK ASSESSMENT (NCMC-TW/AA) SYSTEMS: HQ AFSPC approved an update to the Integrated Master Evolutionary Plan (IMEP) to better manage configuration control of legacy mission systems and spiral Combatant Commanders' Integrated Command and Control System (CCIC2S) (formerly titled Integrated Space Command and Control (ISC2)) hardware and software migration capabilities. FY04 funding procures CCIC2S hardware and associated software equipment for Cheyenne Mountain operating locations, to include remote interfacing sites essential for executing US Strategic Command (USSTRATCOM) and NORAD missions exercised from the Cheyenne Mountain Operations Center (CMOC) and forward operating locations.

BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)	DATE: FEBRUARY 2003
APPROP CODE/BA: OPAF/ELECTRONICS & TELECOMMUNICATION EQUIPMENT	**P-1 NOMENCLATURE:** CHEYENNE MOUNTAIN COMPLEX

Description (continued):

CCIC2S migration includes appropriate testing, installation, check out, and training actions for CCIC2S components and interfaces within the CMOC, at sensor sites, at forward user sites, and at other command center locations. The following reflect the spiral CCIC2S hardware and software migration activities:

a. CORE C2 ENTERPRISE NETWORK INFRASTRUCTURE: Provides the Information Technology (IT) foundation that CCIC2S resides on. This includes development of the following capabilities: system operations, communications, networks, C2 services, workstations, databases, and security. Core C2 infrastructure is singularly integral to data exchange and interoperability among developing mission domains. FY04 funds will procure Communications Processing System (CPS) equipment, to include servers, client workstations, installations and upgrades. FY04 funds will also continue procuring Core C2 enterprise capabilities in support of missile warning and space missions, respectively.

b. INTEGRATED TEST, TRAINING, and EXERCISE FACILITY: This project provides for the planning, delivery, installation, and support of commercial off-the-shelf (COTS) hardware and associated software and communication infrastructure which, together with developed and/or integrated software, will provide AFSPC the capability to conduct system integration and testing as well as operator training and exercises. FY04 funds procure application/data base servers to support integration and testing as well as the migration of additional mission areas to the enterprise infrastructure. FY04 funds also procure Communications Processing System equipment, to include servers, client workstations, installations and upgrades.

c. MISSILE ANALYSIS AND REPORTING SYSTEM (MARS): FY04 funds procure equipment for this project, which consists of a single architecture that provides both strategic and theater missile warning capabilities. The MARS project will deliver enhanced missile warning functionality by providing improved situational awareness, more timely and accurate assessments and will evolve to provide multi-source data correlation. This integrated approach to achieving a single integrated missile warning capability will extend from sensor to decision-maker, and will result in great efficiencies in assessments during peace or crisis operations. MARS will provide a platform to further integrate Ground-based Midcourse Missile Defense capabilities, Space Based Infrared Sensor (SBIRS), and other emerging sensor platforms. MARS will insure accuracy of predicted launch and impact points by correlating infrared spatial observation with radar observations. This DoD data will eliminate repetitive or redundant track reports and event messages, and will be distributed to primary and forward users faster than is

BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)	DATE: FEBRUARY 2003
APPROP CODE/BA: OPAF/ELECTRONICS & TELECOMMUNICATION EQUIPMENT	**P-1 NOMENCLATURE:** CHEYENNE MOUNTAIN COMPLEX

Description (continued):

currently accomplished today. It also will replace the current Integrated TW/AA Missile Warning System that is operating with a risk of failure since it is past its planned life cycle.

d. OBJECTIVE OPERATIONS COMMAND CENTER: FY04 funds will provide for the planning, engineering design and drawing preparation for subsequent modifications to Cheyenne Mountain Complex Operations Command Centers in addition to the coordination of work with CMOC and 721st Support Group staffs. FY04 funds will also provide for purchase of operator displays and workstations in the Operations and Command Centers.

e. SPACE SURVEILLANCE: FY04 funds will be used to purchase initial Space Surveillance capability designed to support high accuracy catalog maintenance and products for a future, expanded Resident Space Object (RSO) catalog.

f. SPACE DEFENSE: FY04 funds will procure equipment for Space Defense/Space Control capability and Space Battle Management Core System (SBMCS) continuation (Phase 1). This system provides Air Tasking Order/Space Tasking Order integration, Theater Battle Management Core System (TBMCS) integration, and initial SBIRS tasking.

Items requested in FY04 are identified on the following P-40a and are representative of items to be procured. Items procured during execution may change based on critical equipment needed to support current Air Force mission requirements.

BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITEMS (EXHIBIT P- 40A)	DATE: FEBRUARY 2003
APPROP CODE/BA: OPAF/ELECTRONICS & TELECOMMUNICATION EQUIPMENT	**P-1 NOMENCLATURE:** CHEYENNE MOUNTAIN COMPLEX

PROCUREMENT ITEMS	ID CODE	FY2002		FY2003		FY2004		FY2005	
		QTY.	COST	QTY.	COST	QTY.	COST	QTY.	COST
1. COMBATANT COMMANDER MOBILE CONSOLIDATED COMMAND CENTER (MCCC)	A		$2,953		$3,722		$1,101		
2. TW/AA INTERFACE NETWORK	A		$599						
3. NORAD CHEYENNE MOUNTAIN COMPLEX-TACTICAL WARNING/ATTACK ASSESSMENT SYSTEMS			${30,660}		${13,674}		${19,512}		${17,765}
A. CORE C2 ENTERPRISE NETWORK INFRASTRUCTURE	A		$4,600		$5,174		$2,000		$5,716
B. INTEGRATED TEST, TRAINING, AND EXERCISE FACILITY	A		$24,260		$4,000		$2,000		
C. MISSILE ANALYSIS AND REPORTING SYSTEM (MARS)	A		$1,800		$1,700		$6,912		$4,720
D. OBJECTIVE OPERATIONS COMMAND CENTER	A						$1,200		
E. SPACE SURVEILLANCE	A				$2,800		$6,500		$2,829
F. SPACE DEFENSE	A						$900		$4,500
Totals:			$34,212		$17,396		$20,613		$17,765

Remarks:

	P-1 ITEM NO 44		PAGE NO: 52		Page 1 of 1

BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P- 5A) | **DATE:** FEBRUARY 2003

APPROP CODE/BA:
OPAF/ELECTRONICS & TELECOMMUNICATION EQUIPMENT

P-1 NOMENCLATURE:
CHEYENNE MOUNTAIN COMPLEX

ITEM / FISCAL YEAR	QTY.	UNIT COST	LOCATION OF PCO	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWD. DATE	DATE FIRST DEL.	SPECS AVAIL NOW	DATE REV. AVAIL
1. COMBATANT COMMANDER MOBILE CONSOLIDATED COMMAND CENTER (MCCC)									
FY02 (1)			AFMC/ESC	OPT(2)/CPAF	LOCKHEED MARTIN, COLORADO SPRINGS, CO	OCT 01	FEB 02		
FY03 (1)			AFMC/ESC	OPT(2)/CPAF	LOCKHEED MARTIN, COLORADO SPRINGS, CO	OCT 02	FEB 03		
FY04 (1)			AFMC/ESC	OPT(2)/CPAF	LOCKHEED MARTIN, COLORADO SPRINGS, CO	OCT 03	FEB 04	Y	
2. TW/AA INTERFACE NETWORK									
FY02 (1)			HQ AFSPC	C (3)/FP	GSA CONTRACTS	OCT 01	FEB 02		
3. NCMC-TW/AA SYSTEMS									
FY02 (1)			AFMC/ESC	OPT(2)/CPAF	LOCKHEED MARTIN, COLORADO SPRINGS, CO	OCT 01	FEB 02		
FY03 (1)			AFMC/ESC	OPT(2)/CPAF	LOCKHEED MARTIN, COLORADO SPRINGS, CO	OCT 02	FEB 03		
FY04 (1)			AFMC/ESC	OPT(2)/CPAF	LOCKHEED MARTIN, COLORADO SPRINGS, CO	OCT 03	FEB 04	Y	
FY05 (1)			AFMC/ESC	OPT(2)/CPAF	LOCKHEED MARTIN, COLORADO SPRINGS, CO	OCT 04	FEB 05	Y	

REMARKS:
1. Various quantities and unit costs due to different site configurations.
2. Option to basic FFP contract awarded Feb 00 by competitive bid to Lockheed Martin, Colorado Springs, CO.
3. Contract method and type consists of a combination of sole source contracts and MIPRs. Contractors include Compax Federal LLC, Colorado Springs, CO and SI International Telecommunications Corp., Colorado Springs, CO. Award/delivery dates reflect date of first award and delivery.

BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)	DATE: FEBRUARY 2003
APPROP CODE/BA: OPAF/ELECTRONICS & TELECOMMUNICATION EQUIPMENT	**P-1 NOMENCLATURE:** TACTICAL SIGINT SUPPORT

	FY2002	FY2003	FY2004	FY2005	FY2006	FY2007	FY2008	FY2009
QUANTITY								
COST (in Thousands)	$1,031	$10,307	$389	$388	$415	$424	$431	$439

Description:

Tactical Signals Intelligence (SIGINT) Support procures a variety of signals processing, modeling, and support equipment necessary to operate and maintain tactical cryptologic programs. Funding also procures equipment to support ground processing functions associated with airborne operations.

1. SENSOR ACE PROGRAM IMPROVEMENTS: This program procures specialized signals processing equipment and computer hardware for testing software algorithms designed to detect and analyze foreign air and air defense command and control networks. Rapid information age innovations highlight the criticality of modernizing detection and processing equipment. Without accurate information on foreign air and air defense networks, situational awareness at all levels of command would degrade to an unacceptable level for threat warning requirements. FY02-04 funding provides high speed digitizers for emerging higher data rates and pulsed signals in targeted countries.

2. TACTICAL ANALYSIS AND REPORTING PROGRAM (TARP) IMPROVEMENTS: No FY03/04 funding is requested.

3. CONTINUITY OF OPERATIONS (COOP) PROGRAM: In FY03 Congress added $10 million from the Cost of War Transfer Account for the COOP program. Reference Appropriations Conference Report 107-732, October 9, 2002, page 218. This funding will procure hardware, associated software, and engineering support for installation at Air Force intelligence community data storage sites.

Items requested in FY04 are identified on the following P-40a and are representative of items to be procured. Items procured during execution may change based on critical equipment needed to support current Air Force mission requirements.

BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITEMS (EXHIBIT P- 40A)	DATE: FEBRUARY 2003
APPROP CODE/BA: OPAF/ELECTRONICS & TELECOMMUNICATION EQUIPMENT	**P-1 NOMENCLATURE:** TACTICAL SIGINT SUPPORT

PROCUREMENT ITEMS	ID CODE	FY2002		FY2003		FY2004		FY2005	
		QTY.	COST	QTY.	COST	QTY.	COST	QTY.	COST
1. SENSOR ACE IMPROVEMENTS									
SIGNAL PROCESSORS	A		$540		$307		$389		$388
2. TACTICAL ANALYSIS AND REPORTING PROGRAM (TARP) IMPROVEMENTS			${491}						
VIDEO PROCESSING EQUIPMENT	A		$168						
COMPUTER EQUIPMENT	A		$323						
3. CONTINUITY OF OPERATIONS PROGRAM									
BACK-UP HARDWARE	A				$10,000				
Totals:			$1,031		$10,307		$389		$388

Remarks:

	P-1 ITEM NO 45		PAGE NO: 55		Page 1 of 1

BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)	DATE: FEBRUARY 2003
APPROP CODE/BA: OPAF/ELECTRONICS & TELECOMMUNICATION EQUIPMENT	**P-1 NOMENCLATURE:** HIGH PERFORMANCE COMPUTING MOD PGM

	FY2002	FY2003	FY2004	FY2005	FY2006	FY2007	FY2008	FY2009
QUANTITY								
COST (in Thousands)	$0	$0	$48,927	$50,291	$51,147	$52,217	$53,446	$54,443

Description:

Consistent with Title 10 responsibilities and Service expertise to efficiently and effectively manage programs, the Undersecretary of Defense for Acquisition, Technology, and Logistics approved the transfer of management and funding responsibilities for selected programs to the Services. Amongst these is the devolvement of High Performance Computing Modernization Program to the Air Force. OSD retains policy and devolvement oversight responsibilities. The Air Force (AF) begins program management in FY04.

This program provides for commercially available, state-of-the-art, high-end, high performance computational automatic data processing equipment (ADPE) acquisitions and equipment additions to government-owned supercomputing systems at Department of Defense (DoD) laboratories and test centers. The program ensures DoD science and technology and test and evaluation communities have access to modernized, state-of-the-art supercomputing capabilities. Items to be purchased include: large, state-of-the-art high performance computational ADPE systems, mass storage devices, internal local area network components, scientific visualization systems, ADPE system software, and commercial, high performance computational and visualization application software. All programs in this line enable and enhance DoD high performance computing capabilities via modernized and specialized hardware and software tools. High performance computing centers develop and deploy superior weapon systems, ensure timely, accurate, and precision computational resources, enhance productivity and utilization of personnel and resources, and improve mission support systems. Items procured during execution will be distributed among high performance computing centers in accordance with mission and site requirements.

1. MAJOR SHARED RESOURCE CENTER SYSTEMS. FY04 funding provides for the infrastructure, upgrading, and sustainment of high performance computing at the following four DoD Major Shared Resource Centers: AF System at Wright Patterson AF Base (AFB), Ohio; Army System at the Army Research Laboratory, Aberdeen Proving Grounds, Maryland; Army System at the Corps Engineering Research and Development Center at Vicksburg, Mississippi; and Navy System at the Naval Oceanographic Office, Stennis Space Center, Mississippi. United States (US) scientists and engineers will be provided access to modernized, state-of-the-art, high performance computing resources to

BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)	DATE: FEBRUARY 2003
APPROP CODE/BA: OPAF/ELECTRONICS & TELECOMMUNICATION EQUIPMENT	**P-1 NOMENCLATURE:** HIGH PERFORMANCE COMPUTING MOD PGM

Description (continued):

ensure development and deployment of superior weapons, warfighting capabilities, and mission support to the US warfighter. High performance computing is a recognized national strategic asset enabling US basic research, applied research, advanced development, design, test, and evaluation of new military-related technologies.

2. DISTRIBUTED RESOURCE CENTER SYSTEMS. FY04 funding provides for the infrastructure of competitively awarded, special purpose, high performance computing at a number of DoD Distributed Resource Centers. US scientists and engineers will be provided access to modernized, state-of-the-art, high performance computing resources to ensure development and deployment of superior weapons, warfighting capabilities, and mission support to the US warfighter. Distributed Resource Centers provide timely, high precision, unique computational functionality. These resources are a recognized national strategic asset enabling science and technology as well as test and evaluation mission capabilities.

Items requested in FY04 are identified on the following P-40a and are representative of items to be procured. Items procured during execution may change based on critical equipment needed to support current Air Force mission requirements.

BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITEMS (EXHIBIT P- 40A)	DATE: FEBRUARY 2003
APPROP CODE/BA: OPAF/ELECTRONICS & TELECOMMUNICATION EQUIPMENT	**P-1 NOMENCLATURE:** HIGH PERFORMANCE COMPUTING MOD PGM

PROCUREMENT ITEMS	ID CODE	FY2002		FY2003		FY2004		FY2005	
		QTY.	COST	QTY.	COST	QTY.	COST	QTY.	COST
1. MAJOR SHARED RESOURCE CENTER SYSTEMS							${39,356}		${40,040}
A. AIR FORCE - WRIGHT PATTERSON AIR FORCE BASE, OHIO	A						$5,000		$15,020
B. ARMY - ARMY RESEARCH LABORATORY, MARYLAND	A						$14,678		$5,000
C. ARMY - ENGINEER RESEARCH AND DEVELOPMENT, MISSISSIPPI	A						$5,000		$15,020
D. NAVY - NAVAL OCEANOGRAPHIC OFFICE, MISSISSIPPI	A						$14,678		$5,000
2. DISTRIBUTED RESOURCE CENTER SYSTEMS	A						$9,571		$10,251
Totals:							$48,927		$50,291

Remarks:

	P-1 ITEM NO 47		PAGE NO: 58		Page 1 of 1

BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P- 5A)	DATE: FEBRUARY 2003
APPROP CODE/BA: OPAF/ELECTRONICS & TELECOMMUNICATION EQUIPMENT	**P-1 NOMENCLATURE:** HIGH PERFORMANCE COMPUTING MOD PGM

ITEM / FISCAL YEAR	QTY.	UNIT COST	LOCATION OF PCO	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWD. DATE	DATE FIRST DEL.	SPECS AVAIL NOW	DATE REV. AVAIL
1. MAJOR SHARED RESOURCE CENTER SYSTEMS (1)(2)									
FY04 (4)			AFMC/ASC	OTH/OTH (7)	UNKNOWN	APR 04	MAY 04	Y	
FY05 (5)			AFMC/ASC	OTH/OTH (7)	UNKNOWN	APR 05	MAY 05	N	OCT 04
2. DISTRIBUTED RESOURCE CENTER SYSTEMS (1)(3)(6)									
FY04			AFMC/AFRL	OTH/OTH (7)	UNKNOWN	MAY 04	JUN 04	Y	
FY05			AFMC/AFRL	OTH/OTH (7)	UNKNOWN	MAY 05	JUN 05	N	OCT 04

REMARKS:

1. Quantities and costs vary for each program based on location and configuration.
2. Funds for Major Shared Resource Center Systems operated by the Army and Navy will be provided to each via a Military Interdepartmental Purchase Request.
3. Funds for Distributed Resource Center Systems will be distributed according to tri-Service competitive awards. Funds to the Navy and Army will be provided via a Military Interdepartmental Purchase Request.
4. AFMC/ASC is the Air Force Procurement Office for Air Force Major High Performance Computing Resources. In FY04, this equates to approximately $5M.
5. AFMC/ASC is the Air Force Procurement Office for Air Force Major High Performance Computing Resources. In FY05, this equates to approximately $15M.
6. AFMC/AFRL is the Air Force Procurement Office for Air Force Distributed High Performance Computing Resources at approximately $4.5M per year.
7. Contract method and strategy are unknown at this time.

	P-1 ITEM NO 47		PAGE NO: 59		Page 1 of 1

BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)	DATE: FEBRUARY 2003
APPROP CODE/BA: OPAF/ELECTRONICS & TELECOMMUNICATION EQUIPMENT	**P-1 NOMENCLATURE:** GENERAL INFORMATION TECHNOLOGIES

	FY2002	FY2003	FY2004	FY2005	FY2006	FY2007	FY2008	FY2009
QUANTITY								
COST (in Thousands)	$66,485	$89,049	$119,534	$77,457	$91,479	$97,825	$82,437	$85,534

Description:

This program provides for commercially available automatic data processing equipment (ADPE) acquisitions and equipment additions to government-owned computer systems. Items to be purchased include: desktop computers and associated peripheral devices (keyboards, monitors, printers); file servers; local area networks; gateways; and routers. New systems and system upgrades directly support operational mission requirements. All programs in this line improve Air Force (AF) automated capabilities via specific hardware and software tools. Many support and enhance war-fighting capability and all enhance productivity in support of AF weapon systems and personnel. Funds will support a standard system infrastructure allowing major commands to purchase computer equipment capabilities and quality networking.

11TH WING (11WG)

1. HEADQUARTERS INFORMATION TECHNOLOGY (IT) INVESTMENT: FY04 funding provides significant infrastructure improvements in many ADPE categories at Headquarters, United States Air Force (HQ USAF). HQ USAF personnel, including the Secretary of the Air Force and the Chief of Staff of the Air Force, will receive office automation systems and computer networks critical to supporting their mission of issuing AF directives and coordinating with the Department of Defense (DoD) and the Joint Staff. They need high quality, high-speed connections to classified and unclassified networks such as the Internet and the Secure Internet Protocol Routed Network (SIPRNET). HQ USAF personnel will also receive centralized capabilities such as business-quality electronic mail and network management through programs such as the Network File Sharing System. Other investments include World Wide Web capabilities, remote computing, and video teleconferencing.

2. HEADQUARTERS MAINFRAME SYSTEM SUPPORT: Numerous ADPE upgrades are accomplished with FY02-04 funding. Magnetic tape systems are upgraded to meet increasing data storage requirements and enhance the read/write capability and archival storage

BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)	DATE: FEBRUARY 2003
APPROP CODE/BA: OPAF/ELECTRONICS & TELECOMMUNICATION EQUIPMENT	**P-1 NOMENCLATURE:** GENERAL INFORMATION TECHNOLOGIES

Description (continued):

capacity. FY04 funding also addresses mainframe communications equipment upgrades in order to maintain computer system and network interface compatibility and provide ADPE technology user enhancements. Mainframe hardware upgrades meet required ADP technology enhancements for customers and maintain operating system and application software compatibility. Upgrades to open systems architecture meet mandated ADP enhancements and improve system performance capabilities. Computer operations equipment (hardware/software) will be updated to improve management of multiple ADP functions and print output media systems will be enhanced to improve operational throughput capacity.

3. FINANCIAL INFORMATION RESOURCE SYSTEM (FIRST): No FY04 funds are requested.

4. AF PERSONNEL SECURITY INVESTMENT PROGRAM: FY04 funding will support the DoD security re-engineering effort, which will focus on information systems development beyond the scope of the Joint Personnel Adjudication System (JPAS). The JPAS provides core personnel security management for nine DoD Central Adjudication Facilities (CAFs) and over 30,000 security managers. JPAS represents the virtual consolidation of the non DoD CAFs and real-time personnel security data exchange with the DoD security manager.

5. JOINT INTEROPERABILITY OF TACTICAL COMMAND AND CONTROL SYSTEMS: No FY04 funds are requested.

AIR COMBAT COMMAND (ACC)

6. BASE OPERATIONS: FY02-04 funds procure systems to build Part Task Trainers (PTT) for aircrew training. In-house fabrication of these trainers allows for a more timely and cost effective response to training requirements than having private industry produce small numbers of non-commercial use training devices.

7. INTELLIGENCE SURVEILLANCE RECONNAISSANCE (ISR) MANAGER: No FY04 funds are requested.

8. COMBINED AIR OPERATIONS CENTER-EXPERIMENTAL (CAOC-X): This program has a separate P-1 Line for FY04-09, see P-57, Air Operations Center.

BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)	DATE: FEBRUARY 2003
APPROP CODE/BA: OPAF/ELECTRONICS & TELECOMMUNICATION EQUIPMENT	**P-1 NOMENCLATURE:** GENERAL INFORMATION TECHNOLOGIES

Description (continued):

AIR EDUCATION AND TRAINING COMMAND (AETC)

9. TECHNICAL TRAINING MANAGEMENT SYSTEM (TTMS, formerly ADVANCED TRAINING SYSTEM (ATS)): FY04 funds provide ADPE modernization systems, to include workstations, servers, software, and secure communications for TTMS between the technical training bases and their respective field training detachments, operating locations, and basic military training organizations. TTMS is a tool for the management of all technical training students and resources, design & development of courses, evaluation of training to include testing and critiques, and management of employee records. This hardware is required to meet advanced technical training requirements for 175,000 trainees per year in 20 different career fields.

10. AIR FORCE INSTITUTE OF TECHNOLOGY (AFIT) EDUCATION AND RESEARCH SYSTEM (EARS): The AFIT and EARS provides advanced academic education for USAF, DoD, and foreign military officers to meet Institute-wide requirements for AFIT's unique education, research, consulting, and academic support missions. FY04 funds procure servers; enterprise backup; storage and retrieval systems; high-speed, parallel computing devices; and high bandwidth internet working equipment to support multimedia delivery and collaborative applications. Funds procure bandwidth, continued replacement, and upgrade central academic computing systems and network architecture.

11. EDUCATION AND TRAINING TECHNOLOGY APPLICATIONS PROGRAM: This program provides innovative applications of commercial off-the-shelf, state-of-the-art technologies in the education and training arena. It allows AETC managers the opportunity to prioritize potential applications according to mission critical needs. The implementation of these systems increases training efficiency are prepares units to fully utilize new information technologies such as the Internet for the betterment of education and training. FY04 funds continue procurement of computer training hardware to support technology applications related to distance learning and virtual reality.

12. AIR UNIVERSITY (AU): These funds support efforts to migrate to the Air University (AU) Education Management System (EMS). EMS implements effective and efficient education information management practices at AU. EMS encompasses the management of an information infrastructure targeting major common business processes (Student Administration-including registrar functions, Curriculum Management and Delivery, and Resource Management) employed throughout AU. FY04 funds establish information infrastructure (local networks and associated

BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)	DATE: FEBRUARY 2003
APPROP CODE/BA: OPAF/ELECTRONICS & TELECOMMUNICATION EQUIPMENT	**P-1 NOMENCLATURE:** GENERAL INFORMATION TECHNOLOGIES

Description (continued):

equipment) to facilitate research, enhance curriculum, conduct modeling and simulation of war games (i.e., Tandem Challenge), and provide information required to execute the education mission. The purchase of this enhanced hardware and associated software will improve the quality of professional military education provided to the war fighter.

13. AIR FORCE RECRUITER INFORMATION SUPPORT SYSTEM (AFRISS): AFRISS is the Air Force's modernization program to replace the legacy system, Procurement Management Information System. FY02-04 funds purchase hardware and associated software necessary to automate and streamline recruiting processes to provide improved integration with the Air Force Personnel Data System (PDS). AFRISS provides the capability to process recruits much faster, an important capability in an increasingly competitive market. Additionally, funding will procure three telecommunications modules and other required enhancements necessary to support recruiting business practices and supports critical recruiting business practices, applicant entry into active duty, and an increased number of recruiters.

14. PROFESSIONAL MILITARY EDUCATION (PME): No FY04 funds requested.

AIR FORCE COMMUNICATIONS AGENCY (AFCA)

15. KEESLER COMPUTER NETWORK TRAINING: FY04 funds provide for the purchase of communications-computer equipment at Keesler AFB, MS, to meet training requirements for specialized computer operators and tech controllers. Funding will replace the current outdated network and tech control training equipment and provide vital remote training capability. Failure to provide funds in this area will weaken the professional skill level of computer operators maintaining AF networks, reducing our ability to properly manage and protect critical information systems vital to national security.

AIR FORCE MANPOWER & INNOVATION AGENCY (AFMIA) (formerly called the Air Force Center for Quality and Management Innovation (AFCQMI))

16. MANPOWER DATA SYSTEM (MDS): No FY04 funds are requested.

BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)	DATE: FEBRUARY 2003
APPROP CODE/BA: OPAF/ELECTRONICS & TELECOMMUNICATION EQUIPMENT	**P-1 NOMENCLATURE:** GENERAL INFORMATION TECHNOLOGIES

Description (continued):

AIR FORCE MATERIEL COMMAND (AFMC)

17. COMPREHENSIVE ENGINE TRENDING AND DIAGNOSTICS SYSTEM (CETADS) (formerly COMPREHENSIVE ENGINE MANAGEMENT SYSTEM (CEMS)): CETADS, the USAF's Jet Engine Trending and Diagnostics System, supports the engine test software for the AF On-Condition Maintenance (OCM) and Reliability Centered Maintenance (RCM) Programs. CETADS has been designated a mission-critical computer resource. CETADS is a stand-alone computer system, deployed at over 110 bases worldwide (Air Combat Command (ACC), Air Mobility Command (AMC), Air National Guard (ANG), AF Reserve Command (AFRC), Pacific Air Forces (PACAF), United States Air Forces in Europe (USAFE), AF Materiel Command (AFMC) and Air Education Training Command (AETC)), and currently supports 13 different types of jet engines. The CETADS information storage and retrieval system manages over 400,000 critical parts in the Air Force's fleet of 22,000 turbine engines. CETADS provides an invaluable tool at base level to discover, diagnose, and prevent engine problems. FY02-04 funds provide for continued CETADS upgrades, replacing outdated computers in the field with modern systems appropriate to manage engine analysis.

18. COMPUTER RESOURCES SUPPORT IMPROVEMENT PROGRAM (CRSIP) (formerly EMBEDDED (COMPUTER RESOURCES) SUPPORT IMPROVEMENT PROGRAM (ESIP)): No FY04 funds are requested.

19. NETWORK SERVICES (Formerly ENTERPRISE DATA INTEGRATION SYSTEM (EDIS)): Network Services expands EDIS' focus to include network infrastructure requirements through standardization, centralization/consolidation, proactive network management, and defense. FY04 funding provides information assurance software and Consolidated Network Control Center (CNCC) server hardware upgrades at the highest priority AFMC bases.

20. WEAPON SYSTEM MANAGEMENT INFORMATION SYSTEM (WSMIS): WSMIS provides an automated logistics decision support system to ensure USAF weapon systems and combat forces meet wartime taskings as well as peacetime operating requirements. FY04 funds procure computer hardware and associated peripheral equipment for the transition to WSMIS web-enabled capability Readiness Spares Packages (RSP), Computation and Assessment System (RCAS), and the Supportability Analysis Visibility (SAV) while also supporting legacy systems. Funds satisfy new WSMIS decision support processes, and ensure implementations maintain foundation infrastructure to achieve Global

BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)	DATE: FEBRUARY 2003
APPROP CODE/BA: OPAF/ELECTRONICS & TELECOMMUNICATION EQUIPMENT	**P-1 NOMENCLATURE:** GENERAL INFORMATION TECHNOLOGIES

Description (continued):

Command and Control System (GCCS) compatibility.

21. RELIABILITY AND MAINTAINABILITY MANAGEMENT INFORMATION SYSTEM (REMIS): In FY03 Congress added $1.8M for REMIS. Reference Appropriations Conference Report 107-732, October 9, 2002, page 218. REMIS is a legacy system for maintaining equipment maintenance data that provides weapon system availability, trend analysis, and failure prediction information. Funds will procure hardware and system software to continue REMIS migration to the GCSS-AF Integration Framework.

22. NATIONAL AIR AND SPACE MODEL (NASM): No FY04 funds requested.

23. AIR FORCE SPECIAL OPERATIONS COMMAND (AFSOC) POINT OF MAINTENANCE (POMX) (formerly Integrated Maintenance Data System (IMDS): The point of maintenance effort is a subset of IMDS development. POMX will support multiple disciplines (i.e., maintenance, munitions, etc.) and introduce automatic information technology (AIT) into the workplace reducing the data collection burden on the users. This capability will enable all POMX users to record their work efforts into IMDS from the location at which it happens and in so doing, increase the data accuracy and minimize the data latency. FY04 funds buy the electronic tools (T-Tools) and wireless LAN equipment, including a deployable computer server, necessary to implement POMX whether at their home station or in a deployed scenario.

24. EAGLE VISION: Eagle Vision is a family of systems that provide commercial imagery to operational commanders for mission planning, rehearsal, visualization, and intelligence gathering purposes. In FY03 Congress added $2.6M from the Cost of War Account for Eagle Vision. Reference Appropriations Conference Report 107-732, October 9, 2002, page 218. Eagle Vision is composed of the Data Acquisition System (DAS) and Data Ingest System (DIS). FY04 funds support Eagle Vision DAS and DIS upgrades. These upgrades support improved processing capability, additional satellite capabilities, and baseline upgrades.

25. INTEGRATED BROADCAST SYSTEM (IBS): In FY03 Congress added $10.8M from the Cost of War Account for IBS. Reference Appropriations Conference Report 107-732, October 9, 2002, page 218. The IBS is a multi-sensor, multi-source integrated interactive dissemination capability which provides intelligence producers and information sources the means to massage and disseminate strategic, opertational, and tactical intelligence information to the warfighter. The IBS Operational Baseline represents the migration, integration, and

BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)	DATE: FEBRUARY 2003
APPROP CODE/BA: OPAF/ELECTRONICS & TELECOMMUNICATION EQUIPMENT	**P-1 NOMENCLATURE:** GENERAL INFORMATION TECHNOLOGIES

Description (continued):

consolidation of existing tactical data dissemination capabilities to a common architecture and message format. The IBS provides a Sensitive Compartmented Information (SCI) network capability to permit coordination and tip-offs between intelligence producers and users. FY04 funds begin procurement of basic hardware and associated software upgrades/licenses for IBS operational baseline critical physical components.

26. SCIENCE AND ENGINEERING LAB DATA INTEGRATION (SELDI): In FY03 Congress added $2.5M for this program. Reference Appropriations Conference Report 107-732, October 9, 2002, page 218. Funds will upgrade the information systems at Hill AFB which support the Science and Engineering Laboratory.

AIR FORCE OFFICE OF SPECIAL INVESTIGATIONS (AFOSI)

27. AFOSI COMPUTER NETWORK: The Air Force Office of Special Investigations (AFOSI) Communications and Information Directorate is responsible for centralized management of sensitive data processed on unclassified, classified (CINet), Special Access and TS/SCI computer and information management systems necessary to achieve the command's operational objectives in support of the AF and Office of the Secretary of Defense (OSD). FY04 funds provides for the replacement of vital computer equipment to include servers and mass storage devices. This will enable AFOSI to stay current in IT technology supporting 2,000 personnel world-wide to effectively process, track, and disseminate perishable investigative information to AF commanders and national level customers.

28. DEFENSE CYBER CRIME CENTER (DC3) (formerly Defense Computer Investigation Training Program Workstation): The DoD Cyber Crime Center is comprised of the DoD Computer Forensic Laboratory (DCFL), the DoD Computer Investigations Training Program (DCITP), and the DoD Cyber Crime Institute (DCCI). DC3 is responsible for providing state-of-the-art electronic forensic services and cyber investigative and operational support to DoD customers to include protection of DoD vital information systems. FY04 funds procure media analysis and training workstations, peripherals, and software, which are mission essential to conducting computer forensic analysis and teaching computer forensics.

AIR FORCE PERSONNEL CENTER (AFPC)

BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)	DATE: FEBRUARY 2003
APPROP CODE/BA: OPAF/ELECTRONICS & TELECOMMUNICATION EQUIPMENT	**P-1 NOMENCLATURE:** GENERAL INFORMATION TECHNOLOGIES

Description (continued):

29. PERSONNEL DATA SYSTEM (PDS): PDS encompasses personnel data processing from all current Active, Guard, and Reserve units. FY04 funding upgrades PDS by replacing two tiers of legacy PDS systems. It consolidates two mainframe computing environments into a client-server, relational database system incorporating state-of-the-art transaction processing and reporting database technology and upgrades core components of the communications network and replaces current data storage architecture with a centralized redundant storage system. Funds will also procure hardware upgrades for the stabilizing and modernizing of the Headquarters Air Force level Personnel Data System (MilPDS).

30. REGIONALIZATION OF CIVILIAN PERSONNEL SUPPORT: FY04 funding continues to support PALACE COMPASS regionalization and modernization of 97 worldwide AF Civilian Personnel Operations (CPOs) and one Regional Service Center (RSC) at Randolph AFB, TX. The hardware associated with PALACE COMPASS implementation and the subsequent technology refresh support a variety of AF network applications such as: Personnel Process Improvements (PPIs), Oracle HR (Modern Defense Civilian Personnel Data System), Personnel Automated Records Information System (PARIS), Civilian Personnel Decision Support System (CPDSS), Employee Benefits and Information System (EBIS), Interactive Voice Response System (IVRS), and RESUMIX.

31. VIRTUAL MILITARY PERSONNEL FLIGHT (VMPF): The Virtual Military Personnel Flight is an AF data processing program that provides a customer self-service platform of basic military personnel functions. This program is designed to examine, engineer, reengineer, and convert, where possible, all processes associated with a contemporary Military Personnel Flight to a web-based processing platform. FY04 funds procure hardware and software to convert 400 processes to a web-based processing platform.

32. AUTOMATED RECORDS MANAGEMENT SYSTEM (ARMS): No FY04 funding is requested.

AIR INTELLIGENCE AGENCY

33. TAILORED INTELLIGENCE MATERIALS PRODUCTION PROGRAM: This program procures hardware and software necessary to provide aircrews with worldwide virtual intelligence mission planning capabilities. FY04 funds continue expansion of high speed classified data transfer capability for tailored intelligence production at the 20th Intelligence Squadron, Offutt AFB, NE, and the 27th Intelligence Squadron,

BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)	DATE: FEBRUARY 2003
APPROP CODE/BA: OPAF/ELECTRONICS & TELECOMMUNICATION EQUIPMENT	**P-1 NOMENCLATURE:** GENERAL INFORMATION TECHNOLOGIES

Description (continued):

Langley AFB, VA. Increase in FY04 funding enables information recovery on a Top Secret Sensitive Compartmented Information (TS-SCI) level network. The Defense Intelligence Agency will plan data recovery capability for mission critical intelligence information used at the Unifed Command level. Funds will be used to procure servers, storage devises, associated hardware upgrades, as well as initial installation costs.

34. OFFENSIVE INFORMATION WARFARE (IW) SUPPORT: FY04 funding provides computers, computer related memory storage, local and long-haul communications, contractor information system specialties, infrastructure, and unique intelligence and analysis equipment required to support IW analysis which delivers timely AF IW capabilities for training, EW systems capabilities analysis, and combat operations.

US AIR FORCE ACADEMY (USAFA)

35. AIR FORCE ACADEMY COMPUTER SUPPORT: FY04 funding continues the modernization of the Cadet Administrative Management Information System (CAMIS) from the legacy platform to an upgraded platform supporting migration to Windows NT. CAMIS supports all facets of student management.

UNITED STATES AIR FORCES IN EUROPE (USAFE)

36. INTELLIGENCE AUTOMATIC DATA PROCESSING EQUIPMENT (ADPE): This project provides continued equipment upgrades for USAFE intelligence ADP systems and communications networks. FY04 funds upgrade the ADPE needed in support of analysis and dissemination of intelligence to aircrews for mission planning throughout the USAFE area of responsibility directly supporting combat/crisis/peacekeeping operations.

37. WARRIOR PREPARATION CENTER (WPC): The WPC provides senior battle commanders and their staff the opportunity to train at the operational level of war using interactive computer simulations that replicate as closely as possible, the real-world environment. The WPC extends this training opportunity to our NATO allies. Additionally, WPC supports real-world operations such as Operation Joint Endeavor as well as exercise requirements in remote areas such as Turkey. The WPC's robust training schedule consists of 10-12 exercises/computer

BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)	DATE: FEBRUARY 2003
APPROP CODE/BA: OPAF/ELECTRONICS & TELECOMMUNICATION EQUIPMENT	**P-1 NOMENCLATURE:** GENERAL INFORMATION TECHNOLOGIES

Description (continued):

assisted events per year, including some worldwide exercises involving up to 9,000 personnel. A large portion of WPC workstations, terminals, and peripherals are nearing the end of their life cycle and are too costly to repair. FY04 funds continue procurement of simulation workstations, terminals, and peripheral equipment to meet USAFE mission needs.

US NORTHERN COMMAND

38. PETERSON AFB COMPUTER SUPPORT: FY04 funds procure computer hardware and associated engineering, integration, and installation support for the new NORAD-USSPACECOM Headquarters facility at Peterson AFB, CO. Funds also provide network servers, command and control consoles, video teleconferencing capabilities, and general automation capabilities.

US STRATEGIC COMMAND (USSTRATCOM)

39. COMMAND MANAGEMENT LAN NETWORK INFRASTRUCTURE: The USSTRATCOM unclassified and classified Command Management Local Area Network (CM LAN) provides all HQ USSTRATCOM users a standard suite of software applications. FY04 funding continues infrastructure and component upgrades for network file servers, mail servers, and printer servers; stratus servers and Standard Query Language (SQL) servers; and gateways, hubs, routers, and other associated network peripherals.

AIR FORCE SAFETY CENTER

40. AUTOMATED SAFETY SYSTEMS: FY04 funds procure network hardware and provide for implementation of three safety programs AF wide -- the Automated System for Hazard Surveys (ASHS), Safety Automated System (SAS), and Avian Hazard Advisory System (AHAS). The AHAS combines the historical bird hazard information in the Bird Avoidance Model (BAM) with weather forecasts and radar data to provide near-real time bird hazard advisories. This system allows the safer utilization of airspace, previously restricted by the BAM, by more accurately identifying periods of increased bird hazards to routine low-level and range flight operations. The AF averages $22 million annually in damage from bird strikes during low-level and range flight operations. AHAS will significantly reduce these annual losses, possibly by as much as 60 percent. The SAS is a globally accessible web-based network for reporting and analyzing ground, flight, & weapons mishaps. This

BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)	DATE: FEBRUARY 2003
APPROP CODE/BA: OPAF/ELECTRONICS & TELECOMMUNICATION EQUIPMENT	**P-1 NOMENCLATURE:** GENERAL INFORMATION TECHNOLOGIES

Description (continued):

system makes data readily accessible to all authorized USAF and DoD personnel for mishap analysis, trending, and prevention/risk management.

AIR FORCE SPACE COMMAND/SPACE & MISSILE CENTER

41 RDT&E SUPPORT COMPLEX (RSC)/CENTER FOR RESEARCH SUPPORT (CERES) UPGRADES: FY04 funding continues RSC/CERES computer and hardware upgrade efforts to improve the consolidated telemetry, tracking, and commanding (TT&C) facilities at Kirtland AFB, NM and Schriever AFB, CO. Additionally, FY04 funding supports upgrades to worldwide deployable ground systems. Deployable ground systems support the space test research and readiness control mode and interface with the Air Force Satellite Control Network (AFSCN) and other agencies in support of space system testing.

NATIONAL SECURITY EMERGENCY PREPAREDNESS

42. SITE R ADP SUPPORT: FY04 funds procure hardware -- personal computers, servers, and other networking equipment to maintain/refresh both the classified and unclassified Air Force C4 systems at a HQ USAF relocation site. Equipment will ensure connectivity and computing ability. Should HQ USAF be relocated, SECAF, CSAF, and their staffs will have traditional capabilities and be able to operate to established current standards. The SECAF and CSAF's ability to make timely decisions and appropriately advise CJCS will be maintained in a continuity of operations environment.

ARMED FORCES INFORMATION SERVICE

43. ARMED FORCES INFORMATION SERVICE (AF NEWS): No FY04 funding is requested.

HQ PACIFIC AIR FORCES (HQ PACAF)

44. INTELLIGENCE ACTIVITIES: This program procures hardware and software necessary for the Sensitive Compartmented

BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)	DATE: FEBRUARY 2003
APPROP CODE/BA: OPAF/ELECTRONICS & TELECOMMUNICATION EQUIPMENT	**P-1 NOMENCLATURE:** GENERAL INFORMATION TECHNOLOGIES

Description (continued):

Information-level theater network and supports virtual intelligence mission planning capabilities. FY04 funds provide the capability to continue analysis, receipt, and dissemination of critical intelligence, particularly on the Korean peninsula.

Items requested in FY04 are identified on the following P-40a and are representative of items to be procured. Items procured during execution may change based on critical equipment needed to support current Air Force mission requirements.

BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITEMS (EXHIBIT P- 40A)	DATE: FEBRUARY 2003
APPROP CODE/BA: OPAF/ELECTRONICS & TELECOMMUNICATION EQUIPMENT	**P-1 NOMENCLATURE:** GENERAL INFORMATION TECHNOLOGIES

PROCUREMENT ITEMS	ID CODE	FY2002		FY2003		FY2004		FY2005	
		QTY.	COST	QTY.	COST	QTY.	COST	QTY.	COST
11 WG			${16,547}		${10,452}		${45,705}		${12,758}
1. HQS IT INVESTMENT	A		$15,443		$7,247		$8,757		$9,587
2. HQS MAINFRAME SYS SPT	A		$1,104		$2,028		$2,648		$1,427
3. FIRST	A				$1,177				
4. AF PERSONNEL SECURITY INVESTMENT PROGRAM	A						$34,300		
5. JOINT INTEROPERABILITY OF TACTICAL COMMAND CONTROL SYSTEM (JINTACCS)	A								$1,744
ACC			${909}		${4,209}		${3,036}		${2,729}
6. BASE OPERATIONS	A		$909		$2,832		$3,036		$2,729
7. ISR MANAGER	A				$386				
8. CAOC-X	A				$991				
AETC			${10,417}		${7,637}		${6,989}		${7,241}
9. TECHNICAL TRAINING MANAGEMENT SYSTEM (TTMS)	A		$2,951		$1,142		$484		$429
10. AFIT EARS	A				$635		$652		$664
11. EDUCATION AND TRAINING TECH APPLICATIONS PRGM	A		$1,808		$1,780		$1,780		$1,803
12. AU	A		$1,795		$1,175		$1,233		$1,171
13. AFRISS	A		$3,863		$2,905		$2,840		$2,882
14. PME	A								$292

	P-1 ITEM NO 48		PAGE NO: 72		Page 1 of 5

BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITEMS (EXHIBIT P- 40A)	DATE: FEBRUARY 2003
APPROP CODE/BA: OPAF/ELECTRONICS & TELECOMMUNICATION EQUIPMENT	**P-1 NOMENCLATURE:** GENERAL INFORMATION TECHNOLOGIES

PROCUREMENT ITEMS	ID CODE	FY2002		FY2003		FY2004		FY2005	
		QTY.	COST	QTY.	COST	QTY.	COST	QTY.	COST
AFCA			${1,167}		${1,922}		${2,400}		${2,467}
15. KEESLER COMPUTER NETWORK TRAINING	A		$1,167		$1,922		$2,400		$2,467
AF MANPOWER & INNOVATION AGENCY (AFMIA)			${701}		${501}				${772}
16. MDS	A		$701		$501				$772
AFMC			${15,347}		${30,458}		${17,357}		${21,534}
17. CETADS	A		$161		$678		$180		$180
18. CRSIP	A		$2,191		$2,049				
19. NETWORK SERVICES (EDIS)	A		$354		$327		$332		$294
20. WSMIS	A		$354		$463		$430		$430
21. REMIS	A		$3,000		$1,800				
22. NATIONAL AIR AND SPACE MODEL (NASM)	A		$3,419		$2,895				
23. AIR FORCE SPECIAL OPERATIONS COMMAND (AFSOC) POINT OF MAINTENANCE (POMX)	A		$2,650		$2,546		$4,944		$3,959
24. EAGLE VISION	A		$3,218		$3,712		$4,239		$5,854
25. IBS	A				$13,488		$7232		$10,817
26. SELDI	A				$2,500				
AFOSI			${1,878}		${3,974}		${2,493}		${2,739}
27. AFOSI COMPUTER NETWORK	A		$1,410		$2,255		$2,234		$2,208

BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITEMS (EXHIBIT P- 40A)	DATE: FEBRUARY 2003
APPROP CODE/BA: OPAF/ELECTRONICS & TELECOMMUNICATION EQUIPMENT	**P-1 NOMENCLATURE:** GENERAL INFORMATION TECHNOLOGIES

PROCUREMENT ITEMS	ID CODE	FY2002		FY2003		FY2004		FY2005	
		QTY.	COST	QTY.	COST	QTY.	COST	QTY.	COST
28. DEFENSE CYBER CRIME CENTER	A		$468		$1,719		$259		$531
AFPC			${10,566}		${9,446}		${13,564}		${10,131}
29. PDS	A		$1,681		$1,493		$5,406		$1,521
30. REGIONALIZATION OF CIVILIAN PERSONNEL SPT	A		$8,885		$7,953		$7,889		$8,104
31. VMPF	A						$269		$367
32. ARMS	A								$139
AIA					${620}		${17,441}		${4,836}
33. TAILORED INTELLIGENCE MATERIALS PRODUCTION PROGRAM	A				$620		$15,500		$2,899
34. OFFENSIVE INFORMATION WARFARE SUPPORT	A						$1,941		$1,937
USAFA			${2,709}		${2,863}		${2,851}		${2,873}
35. USAFA COMPUTER SPT	A		$2,709		$2,863		$2,851		$2,873
USAFE			${766}		${867}		${794}		${807}
36. INTELLIGENCE ADPE	A		$253		$327		$256		$261
37. WPC	A		$513		$540		$538		$546
US NORTHERN COMMAND			${3,965}		${14,803}		${4,852}		${3,874}

	P-1 ITEM NO 48		PAGE NO: 74		Page 3 of 5

BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITEMS (EXHIBIT P- 40A)	DATE: FEBRUARY 2003
APPROP CODE/BA: OPAF/ELECTRONICS & TELECOMMUNICATION EQUIPMENT	**P-1 NOMENCLATURE:** GENERAL INFORMATION TECHNOLOGIES

PROCUREMENT ITEMS	ID CODE	FY2002		FY2003		FY2004		FY2005	
		QTY.	COST	QTY.	COST	QTY.	COST	QTY.	COST
38. PETERSON AFB COMPUTER SUPPORT	A		$3,965		$14,803		$4,852		$3,874
USSTRATCOM			${669}		${771}		${833}		${907}
39. COMMAND MANAGEMENT LAN NETWORK INFRASTRUCTURE	A		$669		$771		$833		$907
AIR FORCE SAFETY CENTER					${296}		${96}		${97}
40. AUTOMATED SAFETY SYSTEMS	A				$296		$96		$97
AIR FORCE SPACE COMMAND/SPACE & MISSILE CENTER			${219}		${230}		${231}		${234}
41. RSC/CERES UPGRADES	A		$219		$230		$231		$234
NATIONAL SECURITY EMERGENCY PREPAREDNESS (NSEP)							${232}		${267}
42. SITE R ADP SUPPORT	A						$232		$267
ARMED FORCES INFO SERVICES									${2,519}
43. AF NEWS	A								$2,519
PACAF			${625}				${660}		${672}
44. INTELLIGENCE ACTIVITIES	A		$625				$660		$672
Totals:			$66,485		$89,049		$119,534		$77,457

P-1 ITEM NO	PAGE NO:	
48	75	Page 4 of 5

BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITEMS (EXHIBIT P- 40A)	DATE: FEBRUARY 2003
APPROP CODE/BA: OPAF/ELECTRONICS & TELECOMMUNICATION EQUIPMENT	**P-1 NOMENCLATURE:** GENERAL INFORMATION TECHNOLOGIES

PROCUREMENT ITEMS	ID CODE	FY2002		FY2003		FY2004		FY2005	
		QTY.	COST	QTY.	COST	QTY.	COST	QTY.	COST

Remarks:

	P-1 ITEM NO 48		PAGE NO: 76		Page 5 of 5

BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P- 5A)	DATE: FEBRUARY 2003
APPROP CODE/BA: OPAF/ELECTRONICS & TELECOMMUNICATION EQUIPMENT	**P-1 NOMENCLATURE:** GENERAL INFORMATION TECHNOLOGIES

ITEM / FISCAL YEAR	QTY.	UNIT COST	LOCATION OF PCO	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWD. DATE	DATE FIRST DEL.	SPECS AVAIL NOW	DATE REV. AVAIL
11 WG (1)									
1. HQS IT INVESTMENT									
FY02			11WING	C/FP	MULTIPLE (2)	MAR 02	JUN 02		
FY03			11WING	C/FP	MULTIPLE (2)	MAR 03	JUN 03	Y	
FY04			11WING	C/FP	MULTIPLE (2)	MAR 04	JUN 04	Y	
FY05			11WING	C/FP	MULTIPLE (2)	MAR 05	JUN 05	Y	
2. HQS MAINFRAME SYS SPT									
FY02			11WING	C/FP	MULTIPLE (2)	MAR 02	JUL 02		
FY03			11WING	C/FP	MULTIPLE (2)	MAR 03	JUL 03	Y	
FY04			11WING	C/FP	MULTIPLE (2)	MAR 04	JUL 04	Y	
FY05			11WING	C/FP	MULTIPLE (2)	MAR 05	JUN 05	Y	
3. FIRST									
FY03			11WING	OPT (16)/CPAF	ACCENTURE, DAYTON, OHIO	OCT 02	MAR 03		
4. AF PERSONNEL SECURITY INVESTMENT PROGRAM									
FY04			11WING	C/FP	UNKNOWN	OCT 03	JAN 04	Y	

	P-1 ITEM NO 48		PAGE NO: 77		Page 1 of 14

BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P- 5A)	DATE: FEBRUARY 2003
APPROP CODE/BA: OPAF/ELECTRONICS & TELECOMMUNICATION EQUIPMENT	**P-1 NOMENCLATURE:** GENERAL INFORMATION TECHNOLOGIES

ITEM / FISCAL YEAR	QTY.	UNIT COST	LOCATION OF PCO	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWD. DATE	DATE FIRST DEL.	SPECS AVAIL NOW	DATE REV. AVAIL
5. JOINT INTEROPERABILITY OF TACTICAL COMMAND AND CONTROL SYSTEM (JINTACCS)									
FY05			11WING	MIPR/FFP	SPAWAR, SAN DIEGO, CA	JAN 05	JAN 06	Y	
ACC (1)									
6. BASE OPERATIONS									
FY02			HQ ACC	C/FP	MULTIPLE (2)	MAY 02	AUG 02		
FY03			HQ ACC	C/FP	MULTIPLE (2)	MAY 03	MAY 04	Y	
FY04			HQ ACC	C/FP	MULTIPLE (2)	MAY 04	AUG 04	Y	
FY05			HQ ACC	C/FP	MULTIPLE (2)	MAY 05	AUG 05	Y	
7. ISR MANAGER									
FY03			HQ ACC	OPT/IDIQ	GSA, MULTIPLE (18)	FEB 03	JUN 03		
8. CAOC-X									
FY03			HQ ACC	OPT/IDIQ	GSA, MULTIPLE (18)	JAN 03	MAY 03		
AETC (1)									
9. TECHNICAL TRAINING MANAGEMENT SYSTEM (TTMS)									
FY02			HQ AETC	C/FP	MULTIPLE (2)	MAR 02	MAY 02		

	P-1 ITEM NO 48		PAGE NO: 78		Page 2 of 14

BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P- 5A)	DATE: FEBRUARY 2003
APPROP CODE/BA: OPAF/ELECTRONICS & TELECOMMUNICATION EQUIPMENT	**P-1 NOMENCLATURE:** GENERAL INFORMATION TECHNOLOGIES

ITEM / FISCAL YEAR	QTY.	UNIT COST	LOCATION OF PCO	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWD. DATE	DATE FIRST DEL.	SPECS AVAIL NOW	DATE REV. AVAIL
FY03			HQ AETC	C/FP	MULTIPLE (2)	MAR 03	MAY 03	Y	
FY04			HQ AETC	C/FP	MULTIPLE (2)	MAR 04	MAY 04	Y	
FY05			HQ AETC	C/FP	MULTIPLE (2)	MAR 05	MAY 05	Y	
10. AFIT EARS									
FY03			AFMC/ASC	C/FP	MULTIPLE (2)	FEB 03	APR 03		
FY04			AFMC/ASC	C/FP	MULTIPLE (2)	FEB 04	APR 04	Y	
FY05			AFMC/ASC	C/FP	MULTIPLE (2)	FEB 05	APR 05	Y	
11. EDUCATION AND TRAINING TECH APPLICATIONS PRGM									
FY02			HQ AETC	C/FP	MULTIPLE (2)	JAN 02	MAR 02		
FY03			HQ AETC	C/FP	MULTIPLE (2)	JAN 03	MAR 03		
FY04			HQ AETC	C/FP	MULTIPLE (2)	JAN 04	MAR 04	Y	
FY05			HQ AETC	C/FP	MULTIPLE (2)	JAN 05	JAN 05	Y	
12. AU									
FY02			HQ AETC	C/FP	MULTIPLE (2)	DEC 01	FEB 02		
FY03			HQ AETC	C/FP	MULTIPLE (2)	NOV 02	JAN 03		
FY04			HQ AETC	C/FP	MULTIPLE (2)	JAN 04	JAN 05	Y	

	P-1 ITEM NO 48		PAGE NO: 79		Page 3 of 14

BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P- 5A)	DATE: FEBRUARY 2003
APPROP CODE/BA: OPAF/ELECTRONICS & TELECOMMUNICATION EQUIPMENT	**P-1 NOMENCLATURE:** GENERAL INFORMATION TECHNOLOGIES

ITEM / FISCAL YEAR	QTY.	UNIT COST	LOCATION OF PCO	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWD. DATE	DATE FIRST DEL.	SPECS AVAIL NOW	DATE REV. AVAIL
FY05			HQ AETC	C/FP	MULTIPLE (2)	JAN 05	JAN 06	Y	
13. AFRISS									
FY02			HQ AETC	C/FP	MULTIPLE (2)	JAN 02	MAR 02		
FY03			HQ AETC	C/FP	MULTIPLE (2)	JAN 03	MAR 03		
FY04			HQ AETC	C/FP	MULTIPLE (2)	JAN 04	MAR 04	Y	
FY05			HQ AETC	C/FP	MULTIPLE (2)	JAN 05	MAR 05	Y	
14. PME									
FY02			HQ AETC	C/FP	MULTIPLE (2)	JAN 02	MAR 02		
FY03			HQ AETC	C/FP	MULTIPLE (2)	JAN 03	MAR 03		
FY04			HQ AETC	C/FP	MULTIPLE (2)	JAN 04	MAR 04	Y	
FY05			HQ AETC	C/FP	MULTIPLE (2)	JAN 05	MAR 05	Y	
AFCA (1)									
15. KEESLER COMPUTER NETWORK TRAINING									
FY02			HQ AFCA	C/FP	MULTIPLE (2)	JAN 02	MAR 02		
FY03			HQ AFCA	C/FP	MULTIPLE (2)	JAN 03	MAR 03		
FY04			HQ AFCA	C/FP	MULTIPLE (2)	JAN 04	MAR 04	Y	

BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P- 5A)	DATE: FEBRUARY 2003
APPROP CODE/BA: OPAF/ELECTRONICS & TELECOMMUNICATION EQUIPMENT	**P-1 NOMENCLATURE:** GENERAL INFORMATION TECHNOLOGIES

ITEM / FISCAL YEAR	QTY.	UNIT COST	LOCATION OF PCO	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWD. DATE	DATE FIRST DEL.	SPECS AVAIL NOW	DATE REV. AVAIL
FY05			HQ AFCA	C/FP	MULTIPLE (2)	JAN 05	MAR 05	Y	
AFMIA (1)									
16. MDS									
FY02			11WING	C/FP	MULTIPLE (2)	MAY 02	AUG 02		
FY03			11WING	C/FP	MULTIPLE (2)	OCT 02	AUG 03		
FY05			11WING	C/FP	UNKNOWN	AUG 05	JAN 06	N	JAN 05
AFMC (1)									
17. CETADS									
FY02			AFMC/OC-ALC	DO/FFP	GSA, SAN ANTONIO, TX	DEC 01	MAY 02		
FY03			AFMC/GKIC (23)	DO/FFP	GSA, SAN ANTONIO, TX	DEC 02	MAY 03		
FY04			AFMC/GKIC (23)	DO/FFP	GSA, SAN ANTONIO, TX	DEC 03	MAY 04	Y	
FY05			AFMC/GKIC (23)	DO/FFP	GSA, SAN ANTONIO, TX	DEC 04	MAY 05	Y	
18. CRSIP									
FY02			AFMC/ASC	DO/CPFF	MULTIPLE (3)	MAR 02	AUG 02		
FY03			AFMC/ASC	DO/CPFF	MULTIPLE (3)	MAR 03	AUG 03	Y	
FY05			AFMC/ASC	DO/CPFF	MULTIPLE (3)	MAR 05	AUG 05	Y	

	P-1 ITEM NO 48		PAGE NO: 81		Page 5 of 14

BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P- 5A)	DATE: FEBRUARY 2003
APPROP CODE/BA: OPAF/ELECTRONICS & TELECOMMUNICATION EQUIPMENT	**P-1 NOMENCLATURE:** GENERAL INFORMATION TECHNOLOGIES

ITEM / FISCAL YEAR	QTY.	UNIT COST	LOCATION OF PCO	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWD. DATE	DATE FIRST DEL.	SPECS AVAIL NOW	DATE REV. AVAIL
19. NETWORK SERVICES (EDIS)									
FY02			AFMC/ASC	MIPR/FFP	GSA, DIGITAL CONSULTING SERVICES, NEWBURY PARK, CA.	JAN 02	FEB 02		
FY03			AFMC/ASC	MIPR/FFP	GSA, DIGITAL CONSULTING SERVICES, NEWBURY PARK, CA.	JAN 03	FEB 03		
FY04			AFMC/ASC	MIPR/FFP	GSA, DIGITAL CONSULTING SERVICES, NEWBURY PARK, CA.	JAN 04	FEB 04	Y	
FY05			AFMC/ASC	MIPR/FFP	GSA, DIGITAL CONSULTING SERVICES, NEWBURY PARK, CA.	JAN 05	FEB 05	Y	
20. WSMIS									
FY02			AFMC/ASC	MIPR/FFP	DECC-D, DAYTON, WPAFB, OH (4)	FEB 02	APR 02		
FY03			AFMC/ASC	MIPR/FFP	DECC-D, DAYTON, WPAFB, OH (4)	FEB 03	APR 03		
FY04			AFMC/ASC	MIPR/FFP	DECC-D, DAYTON, WPAFB, OH (4)	FEB 04	APR 04	Y	
FY05			AFMC/ASC	MIPR/FFP	DECC-D, DAYTON, WPAFB, OH (4)	FEB 05	APR 05	Y	
21. REMIS									
FY02			AFMC/ESC	OPT(20)/IDIQ	NORTHRUP GRUMMAN, BEAVERCREEK, OH	MAR 02	MAY 02		
FY03			AFMC/ESC	OPT(20)/IDIQ	NORTHRUP GRUMMAN, BEAVERCREEK, OH	MAR 03	MAY 03	Y	
22. NATIONAL AIR AND SPACE MODEL (NASM)									
FY02			AFMC/ESC	OPT/CPFF	RAYTHEON, MARLBOROUGH, MA (7)	SEP 02	JUL 03		

	P-1 ITEM NO 48		PAGE NO: 82		Page 6 of 14

BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P- 5A)	DATE: FEBRUARY 2003
APPROP CODE/BA: OPAF/ELECTRONICS & TELECOMMUNICATION EQUIPMENT	**P-1 NOMENCLATURE:** GENERAL INFORMATION TECHNOLOGIES

ITEM / FISCAL YEAR	QTY.	UNIT COST	LOCATION OF PCO	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWD. DATE	DATE FIRST DEL.	SPECS AVAIL NOW	DATE REV. AVAIL
FY03			AFMC/ESC	OPT/CPFF	RAYTHEON, MARLBOROUGH, MA (7)	DEC 02	JUN 04		
FY04			AFMC/ESC	OPT/CPFF	RAYTHEON, MARLBOROUGH, MA (7)	MAY 04	SEP 04	Y	
23. AFSOC POMX (FORMERLY IMDS)									
FY02			AFMC/SSG	OPT/FP	MULTIPLE (2)	JAN 02	MAR 02		
FY03			AFMC/SSG	OPT/FP	MULTIPLE (2)	JAN 03	APR 03		
FY04			AFMC/SSG	OPT/FP	MULTIPLE (2)	JAN 04	APR 04	Y	
FY05			AFMC/SSG	OPT/FP	MULTIPLE (2)	JAN 05	APR 05	Y	
24. EAGLE VISION									
FY02			AFMC/ESC	MIPR/FFP	MULTIPLE(8)	JUL 02	AUG 02		
FY03			AFMC/ESC	MIPR/FFP	MULTIPLE(8)	JUL 03	AUG 03	Y	
FY04			AFMC/ESC	MIPR/FFP	MULTIPLE(8)	JUL 04	AUG 04	Y	
FY05			AFMC/ESC	MIPR/FFP	MULTIPLE(8)	JUL 05	AUG 05	Y	
25. IBS									
FY03			HQ ACC	C/FFP	MULTIPLE(7)	DEC 02	MAY 03		
FY04			HQ ACC	C/FFP	MULTIPLE(7)	DEC 03	MAY 04	Y	
FY05			HQ ACC	C/FFP	MULTIPLE(7)	DEC 04	MAY 05	Y	

	P-1 ITEM NO 48		PAGE NO: 83		Page 7 of 14

BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P- 5A)	DATE: FEBRUARY 2003
APPROP CODE/BA: OPAF/ELECTRONICS & TELECOMMUNICATION EQUIPMENT	**P-1 NOMENCLATURE:** GENERAL INFORMATION TECHNOLOGIES

ITEM / FISCAL YEAR	QTY.	UNIT COST	LOCATION OF PCO	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWD. DATE	DATE FIRST DEL.	SPECS AVAIL NOW	DATE REV. AVAIL
26. SELDI									
FY03			AFMC/OO-ALC	DO/OTH (21)	ES3, SOLANA BEACH, CA	APR 03	JUL 03	Y	
AFOSI (1)									
27. AFOSI COMPUTER NETWORK									
FY02			11WING	OPT (9)/FP	FEDSIM, ALEXANDRIA, VA	JAN 02	MAY 02		
FY03			11WING	OPT (9)/FP	FEDSIM, ALEXANDRIA, VA	JAN 03	MAY 03		
FY04			11WING	OPT (9)/FP	FEDSIM, ALEXANDRIA, VA	JAN 04	MAR 04	Y	
FY05			11WING	OPT (9)/FP	FEDSIM, ALEXANDRIA, VA	JAN 05	MAR 05	Y	
28. DEFENSE CYBER CRIME CENTER									
FY02			11WING	OPT (9)/FP	FEDSIM, ALEXANDRIA, VA	NOV 01	JAN 02		
FY03			11WING	OPT (9)/FP	FEDSIM, ALEXANDRIA, VA	NOV 02	JAN 03		
FY04			11WING	OPT (9)/FP	FEDSIM, ALEXANDRIA, VA	NOV 03	JAN 04	Y	
FY05			11WING	OPT (9)/FP	FEDSIM, ALEXANDRIA, VA	NOV 04	JAN 05	Y	
AFPC (1)									
29. PDS									
FY02			HQ AFPC	OPT/FP	MULTIPLE (10)	NOV 01	APR 02		

BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P- 5A)	DATE: FEBRUARY 2003
APPROP CODE/BA: OPAF/ELECTRONICS & TELECOMMUNICATION EQUIPMENT	**P-1 NOMENCLATURE:** GENERAL INFORMATION TECHNOLOGIES

ITEM / FISCAL YEAR	QTY.	UNIT COST	LOCATION OF PCO	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWD. DATE	DATE FIRST DEL.	SPECS AVAIL NOW	DATE REV. AVAIL
FY03			HQ AFPC	OPT/FP	MULTIPLE (10)	NOV 02	APR 03		
FY04			HQ AFPC	OPT/FP	MULTIPLE (10)	NOV 03	APR 04	Y	
FY05			HQ AFPC	OPT/FP	MULTIPLE (10)	NOV 04	APR 05	Y	
30. REGIONALIZATION OF CIVILIAN PERSONNEL SPT									
FY02			HQ AFPC	OPT/FP	MULTIPLE (10)	NOV 01	JAN 02		
FY03			HQ AFPC	OPT/FP	MULTIPLE (10)	NOV 02	JAN 03		
FY04			HQ AFPC	OPT/FP	MULTIPLE (10)	NOV 03	JAN 04	Y	
FY05			HQ AFPC	OPT/FP	MULTIPLE (10)	NOV 04	JAN 05	Y	
31. VMPF									
FY04			HQ AFPC	OPT/FP	MULTIPLE (10)	NOV 03	JAN 04	N	SEP 03
FY05			HQ AFPC	OPT/FP	MULTIPLE (10)	NOV 04	NOV 05	N	SEP 04
32. ARMS									
FY05			HQ AFPC	OPT/FP	MULTIPLE (10)	JAN 05	JAN 06	Y	
AIA (1)									
33. TAILORED INTELLIGENCE MATERIALS PRODUCTION PRGM									

	P-1 ITEM NO 48		PAGE NO: 85		Page 9 of 14

BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P- 5A)	DATE: FEBRUARY 2003
APPROP CODE/BA: OPAF/ELECTRONICS & TELECOMMUNICATION EQUIPMENT	**P-1 NOMENCLATURE:** GENERAL INFORMATION TECHNOLOGIES

ITEM / FISCAL YEAR	QTY.	UNIT COST	LOCATION OF PCO	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWD. DATE	DATE FIRST DEL.	SPECS AVAIL NOW	DATE REV. AVAIL
FY03			HQ ACC	C/FP	MULTIPLE (11)	JAN 03	MAR 03		
FY04			HQ ACC	C/FP	MULTIPLE (11)	FEB 04	FEB 04	Y	
FY05			HQ ACC	C/FP	MULTIPLE (11)	MAR 05	APR 05	Y	
34. OFFENSIVE INFORMATION WARFARE SUPPORT									
FY04			HQ AIA	C/FP	MULTIPLE (22)	MAY 04	AUG 04	N	JAN 04
FY05			HQ AIA	C/FP	MULTIPLE (22)	MAY 05	AUG 05	N	JAN 04
USAFA (1)									
35. USAFA COMPUTER SUPPORT									
FY02			HQ USAFA	C/FP	MULTIPLE (2)	FEB 02	APR 02		
FY03			HQ USAFA	C/FP	MULTIPLE (2)	OCT 02	NOV 02		
FY04			HQ USAFA	C/FP	MULTIPLE (2)	OCT 03	NOV 03	Y	
FY05			HQ USAFA	C/FP	MULTIPLE (2)	OCT 04	NOV 04	Y	
USAFE (1)									
36. INTELLIGENCE ADPE									
FY02			HQ USAFE	C/FP	MULTIPLE (2)	FEB 02	MAY 02		
FY03			HQ USAFE	C/FP	MULTIPLE (2)	FEB 03	MAY 03		

	P-1 ITEM NO 48		PAGE NO: 86		Page 10 of 14

BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P- 5A)	DATE: FEBRUARY 2003
APPROP CODE/BA: OPAF/ELECTRONICS & TELECOMMUNICATION EQUIPMENT	**P-1 NOMENCLATURE:** GENERAL INFORMATION TECHNOLOGIES

ITEM / FISCAL YEAR	QTY.	UNIT COST	LOCATION OF PCO	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWD. DATE	DATE FIRST DEL.	SPECS AVAIL NOW	DATE REV. AVAIL
FY04			HQ USAFE	C/FP	MULTIPLE (2)	FEB 04	MAY 04	Y	
FY05			HQ USAFE	C/FP	MULTIPLE (2)	FEB 05	FEB 05	Y	
37. WPC									
FY02			HQ USAFE	OPT/FP	GTE,WARNER-ROBINS AFB, GA (11)	FEB 02	MAY 02		
FY03			HQ USAFE	OPT/FP	GTE,WARNER-ROBINS AFB, GA (11)	FEB 03	MAY 03		
FY04			HQ USAFE	OPT/FP	GTE,WARNER-ROBINS AFB, GA (11)	FEB 04	MAY 04	Y	
FY05			HQ USAFE	OPT/FP	GTE,WARNER-ROBINS AFB, GA (11)	FEB 05	MAY 05	Y	
US NORTHERN COMMAND (1)									
38. PETERSON AFB COMPUTER SUPPORT									
FY02			HQ AFSPC	C/FP	MULTIPLE (2)	JAN 02	MAR 02		
FY03			HQ AFSPC	C/FP	MULTIPLE (2)	JAN 03	MAR 03		
FY04			HQ AFSPC	C/FP	MULTIPLE (2)	JAN 04	MAR 04	Y	
FY05			HQ AFSPC	C/FP	MULTIPLE (2)	JAN 05	MAR 04	Y	
USSTRATCOM (1)									
39. COMMAND MANAGEMENT LAN NETWORK INFRASTRUCTURE									
FY02			USSTRATCOM	C/FP	MULTIPLE (2)	FEB 02	MAR 02		

	P-1 ITEM NO 48		PAGE NO: 87		Page 11 of 14

BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P- 5A)	DATE: FEBRUARY 2003
APPROP CODE/BA: OPAF/ELECTRONICS & TELECOMMUNICATION EQUIPMENT	**P-1 NOMENCLATURE:** GENERAL INFORMATION TECHNOLOGIES

ITEM / FISCAL YEAR	QTY.	UNIT COST	LOCATION OF PCO	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWD. DATE	DATE FIRST DEL.	SPECS AVAIL NOW	DATE REV. AVAIL
FY03			USSTRATCOM	C/FP	MULTIPLE (2)	FEB 03	MAR 03		
FY04			USSTRATCOM	C/FP	MULTIPLE (2)	FEB 04	MAR 04	Y	
FY05			USSTRATCOM	C/FP	MULTIPLE (2)	FEB 05	MAR 05	Y	
AIR FORCE SAFETY AGENCY									
40. AUTOMATED SAFETY SYSTEMS									
FY03			11WING	MIPR/OTH	MULTIPLE (19)	NOV 02	JAN 03		
FY04			11WING	MIPR/OTH	MULTIPLE (19)	NOV 03	JAN 04	Y	
FY05			11WING	MIPR/OTH	MULTIPLE (19)	FEB 05	MAR 05	Y	
AIR FORCE SPACE COMMAND/SPACE & MISSILE CENTER									
41. RSC/CERES UPGRADES									
FY02			AFSPC/SMC	OPT/CPAF	LMMS, ALBUQUERQUE, NM (5)	SEP 02	SEP 02		
FY03			AFSPC/SMC	OPT/CPAF	LMMS, ALBUQUERQUE, NM (5)	JUL 03	OCT 03	Y	
FY04			AFSPC/SMC	OPT/CPAF	LMMS, ALBUQUERQUE, NM (5)	JUL 04	OCT 04	Y	
FY05			AFSPC/SMC	OPT/CPAF	LMMS, ALBUQUERQUE, NM (5)	JUL 05	OCT 05	Y	
NATIONAL SECURITY PREPAREDNESS (NSEP)									
42. SITE R ADP SUPPORT									

BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P- 5A)	DATE: FEBRUARY 2003
APPROP CODE/BA: OPAF/ELECTRONICS & TELECOMMUNICATION EQUIPMENT	**P-1 NOMENCLATURE:** GENERAL INFORMATION TECHNOLOGIES

ITEM / FISCAL YEAR	QTY.	UNIT COST	LOCATION OF PCO	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWD. DATE	DATE FIRST DEL.	SPECS AVAIL NOW	DATE REV. AVAIL
FY04			11WING	MIPR/FFP	GSA, KANSAS CITY	OCT 03	OCT 03	Y	
FY05			11WING	MIPR/FFP	GSA, KANSAS CITY	OCT 04	OCT 04	Y	
ARMED FORCES INFO SERVICES									
43. AF NEWS									
FY05			AFNEWS	C/FFP	SCIENTIFIC-ATLANTA, INC., LAWRENCEVILLE, GA	NOV 04	JAN 05	Y	
PACAF									
44. INTELLIGENCE ACTIVITIES									
FY02			HQ PACAF	OPT/IDIQ	GSA, MULTIPLE (2)	MAR 02	APR 02		
FY04			HQ PACAF	OPT/IDIQ	GSA, MULTIPLE (2)	MAR 04	APR 04	Y	
FY05			HQ PACAF	OPT/IDIQ	GSA, MULTIPLE (2)	MAR 05	APR 05	Y	

REMARKS:

1. Quantities and costs vary for each program based on location and configuration.
2. Multiple GSA schedule contractors, including Electronic Data Systems (EDS), Herndon, VA; General Analytics Corp, McLean, VA; HSF Inc, McLean, VA; GTE, West Lake, CA; IBM, Bethesda, MD; PRC, San Antonio, TX; Toshiba American, Irvine, CA; FGM Inc, Herndon, VA; Computer Science Corp (CSC), Hanover, MD; Systems Research & Applications (SRA), Arlington, VA; Comteq Federal, Rockville, MD; Comnet Sciences, Shearwater, NJ; Dynamix, Largo, MD; Compstore, Chantily, VA; Pacific Radio Electronics, Hollywood, CA; Professional Products, Bethesda, MD; Newark Electronics, Bethesda, MD; and Logicon Tech, San Pedro, CA.; ABACUS Chevy Chase, MD; Lockheed Martin, Manassas, VA; Altiris Software, Lindon, UT; Unisys, Reston, VA; Telos, Ashburn VA; GTSI Corp, Chantilly, VA; Severn Companies, Inc., Laurel, MD; Award/delivery dates reflect date of first award and delivery.
3. Delivery order options to FY97 cost plus fixed fee contracts awarded in Jun 1997 to Scientific Applications Corp (SAIC), San Diego, CA, in Jul 1997 to TRW, Dayton, OH, in May 1999 to Boeing, St. Louis, MO, and in Aug 99 Lockheed Martin, Ft. Worth, TX.
4. AFMC contracts through Defense Information System Agency (DISA)/Defense Mega Center (DMC) to General Services Administration (GSA), Washington, DC.

BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P- 5A)	DATE: FEBRUARY 2003
APPROP CODE/BA: OPAF/ELECTRONICS & TELECOMMUNICATION EQUIPMENT	**P-1 NOMENCLATURE:** GENERAL INFORMATION TECHNOLOGIES

ITEM / FISCAL YEAR	QTY.	UNIT COST	LOCATION OF PCO	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWD. DATE	DATE FIRST DEL.	SPECS AVAIL NOW	DATE REV. AVAIL

5. Option to 2000 cost plus award fee contract (CPAF) awarded to Lockheed Martin Mission Systems (LMMS), Albuquerque, NM. Name changed to Lockheed Martin Mission Systems (LMMS) in April 1999.
6. Time and materials contract. Delivery dates reflect date of first delivery.
7. Cost plus fixed fee options to basic contract awarded Jan 01. Award/delivery dates reflect date of first award and delivery.
8. Various contract methods and types of contracts will be used to support Eagle Vision, Matra System & Information, Velizy, FR; ERIM International, Inc., Ann Arbor, MI; and other as yet unknown. Award/delivery date reflects date of first award and delivery.
9. Option to basic contract awarded May 00.
10. Options to multiple standard contracts including Desktop IV, Ulana, Super-Mini, Standard Multiuser Small Computer Requirements Contract (SMSCRC). Award/delivery dates reflect date of first award and delivery.
11. Multiple GSA schedule contractors including GTE Government Systems, Mountainview, CA; SAG/East Coast Electronics, North Andover, MA; General Dynamics Electronics Systems, Colorado Springs, CO; Gateway Inc., North Sioux City, SD; Federal Data Corporation, Bethesda, MD; Network Appliance Inc., Sunnyvale, CA; World Wide Technology Inc., Maryland Heights, MO. Award/delivery dates reflect date of first award and delivery.
12. Option to basic GTE contract awarded Feb 97.
13. Options to multiple standard contracts with Autometric, Inc, Springfield, VA and Concurrent Technology Corp, Johnstown, PA. Award/delivery dates reflect date of first award and delivery.
14. The Procurement Contract Officer for the F-117 TDPS resides at Ft Belvoir, VA. Aeronautical System Center (ASC) will MIPR funds to Ft. Belvoir, VA. The contractor will be determined through source selection.
15. Option to Lockheed Martin Mission Systems basic contract awarded April 01.
16. Option to basic contract awarded April 01.
17. Multiple possible contracting sources include Naval Research Laboratory, Washington, DC; GSA Kansas City; other GSA contracts as managed by the National Security Agency and the Naval Security Group. Actual contract award and delivery dates are TBD.
18. Multiple contracts, to include GSA and Sun Microsystems, will be used. Award and delivery date reflect first date of award and delivery.
19 Multiple MIPRS to be awarded to a variety of sources, to include GSA FEDSIM, Alexandria, VA; GSA, Ft Worth, TX; Smithsonian, Washington DC; and, AAC, Eglin AFB FL.
20. Option to basic contract awarded Sep 00.
21. Time and materials contract. Engineering and Software Systems Solutions (ES3), Solana Beach, CA. Award and delivery date reflect first date of award and delivery.
22. Multiple contracts with varying award and delivery dates exist to procure the various types of equipment throughout the fiscal years. Typical contractors involved are: Silicon Graphics, Mountain View CA; Loral, Las Vegas NV; Raytheon, Galeta CA; L3 Communications Corp, Camden NJ; and Southwest Research Inc (SWRI), San Antonio TX.
23. Greater Kelley Industrial Center (GKIC) Formerly San Antonio Air Logistic Center.

BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)	DATE: FEBRUARY 2003
APPROP CODE/BA: OPAF/ELECTRONICS & TELECOMMUNICATION EQUIPMENT	**P-1 NOMENCLATURE:** AIR FORCE GLOBAL COMMAND & CONTROL SYSTEM

	FY2002	FY2003	FY2004	FY2005	FY2006	FY2007	FY2008	FY2009
QUANTITY								
COST (in Thousands)	$14,477	$27,910	$23,457	$19,215	$18,920	$19,263	$19,599	$19,940

Description:

The Global Command & Control System-Air Force (GCCS-AF) program provides the common Air Force infrastructure and hardware necessary to pass Air Force command and control (C2) data among commands, their components, and the joint GCCS. This program procures GCCS components, servers, workstations, commercial-off-the-shelf (COTS) software and associated peripherals to provide users with the full suite of joint baseline capability (including the Common Operating Picture) and AF specific applications such as the Deliberate Crisis Action Planning & Execution Segments (DCAPES), and the Air Force's feed into the Joint Operations Planning and Execution System (JOPES). GCCS-AF is integrated at the following locations to establish initial and full joint connectivity and operational capability across the spectrum of intelligence, operations, manpower, and logistics: Air Force-supported warfighting commanders, Headquarters United States Air Force (HQ USAF), major command (MAJCOM) headquarters, numbered air forces, wings, Air National Guard (ANG) bases, Air Force Reserve (AFR) bases and remote sites. Each site will comply with current Air Force and Department of Defense (DoD) network initiatives by employing a standardized interface among Air Force base-level classified C2 networks, Air Force base-level network control centers, and the joint Defense Information Systems Agency (DISA) Secret Internet Protocol Network (SIPRNET). This program provides a flexible open system, distributed C2 architecture necessary to support the client/server-based joint GCCS. GCCS supports Air Force Systems Networking (AFSN) operations by installing and upgrading a site's classified C2 network through extensive use of COTS technology that adheres to the Air Force command, control, communications and computer building codes and standards.

GLOBAL COMMAND AND CONTROL SYSTEM - AIR FORCE (GCCS-AF) MODERNIZATION: This funding procures, integrates and installs GCCS-AF at required AF-supported active Air Force, ANG and AFR sites. It also upgrades or replaces C2 communications and computer systems to modernize logistically unsupportable MAJCOM C2 systems and capitalize on AFSN and GCCS-AF improvements. The classified communications infrastructure of the MAJCOM C2 facilities, e.g., command posts, will be modernized by installing state-of-the-art networking components for improved interoperability, data throughput, and system security.

BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)	DATE: FEBRUARY 2003
APPROP CODE/BA: OPAF/ELECTRONICS & TELECOMMUNICATION EQUIPMENT	**P-1 NOMENCLATURE:** AIR FORCE GLOBAL COMMAND & CONTROL SYSTEM

Description (continued):

FY03/04 funds continue to procure initial network infrastructure and equipment for multiple new sites and support the deployment of the DCAPES application. This expanded GCCS architecture includes new functional users on each base and specifically incorporates the manpower and logistics functions into GCCS. FY03/04 funds continue the fielding of GCCS-AF systems (hardware, government-off-the-shelf (GOTS)/COTS software) at MAJCOM, ANG, and AFR locations providing a full spectrum of command, control, logistics, and intelligence capability from strategic to unit level operations with total joint service connectivity. This fielding is consistent with the AF's Air Expeditionary Force C2 structure, the Joint vision for the follow-on fielding of the Joint Command and Control (JC2) System, and will allow for the continued integration of evolving C2 capabilities into the AF's operational framework. These funds will continue to provide for technical refreshment of fielded hardware, and procure software licenses.

Items requested in FY04 are identified on the following P-5 and are representative of items to be procured. Items procured during execution may change based on critical equipment needed to support current Air Force mission requirements.

WEAPON SYSTEM COST ANALYSIS (EXHIBIT P- 5)		DATE: FEBRUARY 2003
APPROP CODE/BA: OPAF/ELECTRONICS & TELECOMMUNICATION EQUIPMENT	**P-1 NOMENCLATURE:** AIR FORCE GLOBAL COMMAND & CONTROL SYSTEM	

WEAPON SYSTEM COST ELEMENTS	IDENT CODE	FY2002			FY2003			FY2004			FY2005		
		QTY	UNIT COST	TOTAL COST	QTY	UNIT COST	TOTAL COST	QTY	UNIT COST	TOTAL COST	QTY	UNIT COST	TOTAL COST
GCCS-AF MODERNIZATION				{14,477}			{27,910}			{23,457}			{19,215}
A. HARDWARE	A			14,377			26,410			21,957			17,715
B. SOFTWARE LICENSES				100			1,500			1,500			1,500
TOTALS:				14,477			27,910			23,457			19,215

REMARKS:

	P-1 ITEM NO 49		PAGE NO: 93		Page 1 of 1

BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P- 5A) | **DATE:** FEBRUARY 2003

APPROP CODE/BA:
OPAF/ELECTRONICS & TELECOMMUNICATION EQUIPMENT

P-1 NOMENCLATURE:
AIR FORCE GLOBAL COMMAND & CONTROL SYSTEM

ITEM / FISCAL YEAR	QTY.	UNIT COST	LOCATION OF PCO	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWD. DATE	DATE FIRST DEL.	SPECS AVAIL NOW	DATE REV. AVAIL
GCCS-AF MODERNIZATION (1)									
FY02			AFMC/ESC	MIPR/IDIQ	GSA, KANSAS CITY MO (2)	OCT 01	DEC 01		
FY03			AFMC/ESC	MIPR/IDIQ	GSA, KANSAS CITY MO (2)	OCT 02	DEC 02		
FY04			AFMC/ESC	MIPR/IDIQ	GSA, KANSAS CITY MO (2)	OCT 03	DEC 03	Y	
FY05			AFMC/ESC	MIPR/IDIQ	GSA, KANSAS CITY MO (2)	OCT 04	DEC 04	N	JUL 04

REMARKS:
1. Quantity and unit costs vary due to different types/configuations of equipment being procured.
2. Multiple GSA contracts utilized: TRW, Carson, CA; EDS, Herndon, VA; World Wide Technology, St Louis, MO; and Mykotronix, Torrance, CA.
Award/delivery dates reflect date of first award and delivery.

BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)	DATE: FEBRUARY 2003
APPROP CODE/BA: OPAF/ELECTRONICS & TELECOMMUNICATION EQUIPMENT	**P-1 NOMENCLATURE:** MOBILITY COMMAND AND CONTROL

	FY2002	FY2003	FY2004	FY2005	FY2006	FY2007	FY2008	FY2009
QUANTITY								
COST (in Thousands)	$10,290	$11,150	$9,247	$9,029	$13,324	$9,868	$10,051	$10,219

Description:

Air Mobility Command (AMC) supports national power projection force deployments and time sensitive logistics requirements. To perform this mission, AMC requires an effective mobility command and control (C2) system that provides for efficient centralized management of the entire United States strategic mobility fleet. A portion of base communications infrastructure upgrade funding is included in this P-1 line as directly supporting the global mobility mission. Other Major Commands (MAJCOMs) have their entire base communications infrastructure funding in P-1 line 74, Base Communications Infrastructure.

1. GLOBAL C2 ARCHITECTURE: These funds continue AMC's integrated upgrade of C2 systems.

a. OBJECTIVE WING COMMAND POST (OWCP): OWCP funding provides for standardization and upgrades to all AMC wing-level C4 systems and en route C2 center functions. A typical AMC base has several 24/7 C2 center functions, each occupying a different facility on the base (e.g., aerial port terminal operations, maintenance control, mobility operations, airfield operation, etc). Each OWCP will standardize and upgrade C4 systems to facilitate the consolidation of C2 functions into one central C2 facility. The two major subprograms are the Air Mobility Advanced Console System (AMACS), which upgrades telephone/radio capability, and the Closed Circuit Video (CCV), which installs flight line video camera systems. FY04 funds procure an AMACS for C17 basing at Jackson, MS.

b. LOCAL AREA NETWORK (LAN): FY04 funding continues procurement of network equipment at each AMC base/unit to build an enhanced, robust, and reliable command-wide intra and inter-building networking infrastructure. This infrastructure will host critical Air Force systems such as the Defense Message System (DMS), Combat Information Transport System (CITS), Base Level Systems Modernization, and other AMC systems such as Global Decision Support System (GDSS), OWCP, etc. Upgrades keep pace with changing technology by constantly reassessing the needs of the war-fighter and obtaining the necessary LAN infrastructure needed to sustain current capabilities and implement new C2 systems.

BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)	DATE: FEBRUARY 2003
APPROP CODE/BA: OPAF/ELECTRONICS & TELECOMMUNICATION EQUIPMENT	**P-1 NOMENCLATURE:** MOBILITY COMMAND AND CONTROL

Description (continued):

c. ADVANCED COMPUTER FLIGHT PLAN (ACFP): The ACFP is a user-friendly, menu-driven, computer-generated flight planning C2 system, used to generate wind optimized flight plans for all MAJCOMs. FY04 funding provides increased 3-dimensional optimization capabilities and upgrades database servers to accommodate expanded data needed for accurate flight plan calculations.

d. DEPLOYED SATELLITE COMMUNICATIONS (DSATCOM): The DSATCOM program constitutes the primary acquisition support vehicle for deployed AMC Tanker Airlift Control Element (TALCE) and Mission Support Team (MST) C2 operations. The program consists of various procurements to enhance initial and inter-theater deployed voice and data communications connectivity. Resources directly support C2 of, and In-Transit Visibility over, deployed and en-route personnel, aircraft, and cargo. FY02-04 funds complete Deployable Rapidly Assembled Shelters (DRASH) procurement, continue Mobile Air Reporting and Communications (MARC) upgrades, and continue acquisition and support of Very Small Aperture Terminal (VSAT) equipment.

2. AIR FORCE SPECIAL OPERATIONS COMMAND (AFSOC) TACTICAL COMMAND AND CONTROL (TAC C2) PROGRAM: The AFSOC TAC C2 Program provides funds for the purchase of new and enhanced communications systems and equipment essential for Special Tactics Teams (STT) (including pararescue), to provide C2 to the furthest elements of AFSOC's C2 structure. STTs input intelligence, weather, and assault zone assessments into AFSOC's C2 network and receive/relay mission taskings. As the forward site C2 and air traffic control element, STTs provide the DoD with the flexibility to conduct airdrops, assault landings, and use austere airfields. FY02-04 funds procure multiple devices to support STT missions: (1) Ultra High Frequency (UHF) SATCOM radios which meet Joint Chiefs of Staff mandated narrow band and Demand Assigned Multiple Access (DAMA) standards; (2) new high frequency portable radios with automatic link establishment to allow communications within AFSOC's C2 network in the automatic mode; and (3) multi-band, multi-mode beacons, which guide aircraft to drop zones, landing zones, or extraction zones to support combat operations.

Items requested for FY04 are identified on the attached P-40a and are representative of items to be procured. Items procured during execution may change based on critical equipment needed to support current Air Force mission requirements.

BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITEMS (EXHIBIT P- 40A)	DATE: FEBRUARY 2003
APPROP CODE/BA: OPAF/ELECTRONICS & TELECOMMUNICATION EQUIPMENT	**P-1 NOMENCLATURE:** MOBILITY COMMAND AND CONTROL

PROCUREMENT ITEMS	ID CODE	FY2002		FY2003		FY2004		FY2005	
		QTY.	COST	QTY.	COST	QTY.	COST	QTY.	COST
1. GLOBAL C2 ARCHITECTURE			${10,008}		${10,877}		${8,975}		${8,757}
A. OWCP	A		$1,550				$400		
B. LAN	A		$4,418		$4,701		$4,161		$4,182
C. ACFP	A		$440		$1,663		$430		$430
D. DSATCOM	A		$3,600		$4,513		$3,984		$4,145
2. AFSOC TAC C2 PROGRAM	A		$282		$273		$272		$272
Totals:			$10,290		$11,150		$9,247		$9,029

Remarks:

	P-1 ITEM NO 50		PAGE NO: 97		Page 1 of 1

BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P- 5A)	DATE: FEBRUARY 2003
APPROP CODE/BA: OPAF/ELECTRONICS & TELECOMMUNICATION EQUIPMENT	**P-1 NOMENCLATURE:** MOBILITY COMMAND AND CONTROL

ITEM / FISCAL YEAR	QTY.	UNIT COST	LOCATION OF PCO	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWD. DATE	DATE FIRST DEL.	SPECS AVAIL NOW	DATE REV. AVAIL
1. GLOBAL C2 ARCHITECTURE (1)									
A. OWCP									
FY02			HQ AMC	OPT/FFP (2)	SIEMENS ROLM, VIENNA, VA	FEB 02	MAR 02		
FY04			HQ AMC	OPT/FFP (2)	SIEMENS ROLM, VIENNA, VA	FEB 04	MAR 04	Y	
B. LAN									
FY02			HQ AMC	OPT/FP	MULTIPLE(3)	OCT 01	DEC 01		
FY03			HQ AMC	OPT/FP	MULTIPLE(3)	OCT 02	DEC 02		
FY04			HQ AMC	OPT/FP	MULTIPLE(3)	OCT 03	DEC 03	Y	
FY05			HQ AMC	OPT/FP	MULTIPLE(3)	OCT 04	DEC 04	Y	
C. ACFP									
FY02			HQ AMC	OPT/FFP (4)	COMPAQ, ST LOUIS, MO	OCT 01	JAN 02		
FY03			HQ AMC	OPT/FFP (4)	COMPAQ, ST LOUIS, MO	OCT 02	JAN 03		
FY04			HQ AMC	OPT/FFP (4)	COMPAQ, ST LOUIS, MO	OCT 03	JAN 04	Y	
FY05			HQ AMC	OPT/FFP (4)	COMPAQ, ST LOUIS, MO	OCT 04	JAN 05	Y	
D. DSATCOM									
FY02			HQ AMC	DO/FFP	MULTIPLE(5)	JAN 02	JUN 02		
FY03			HQ AMC	DO/FFP	MULTIPLE(5)	FEB 03	JUN 03		
FY04			HQ AMC	DO/FFP	MULTIPLE(5)	JAN 04	JUN 04	Y	
FY05			HQ AMC	DO/FFP	MULTIPLE(5)	JAN 05	JUN 05	Y	

	P-1 ITEM NO 50		PAGE NO: 98		

BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P- 5A)	DATE: FEBRUARY 2003
APPROP CODE/BA: OPAF/ELECTRONICS & TELECOMMUNICATION EQUIPMENT	**P-1 NOMENCLATURE:** MOBILITY COMMAND AND CONTROL

ITEM / FISCAL YEAR	QTY.	UNIT COST	LOCATION OF PCO	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWD. DATE	DATE FIRST DEL.	SPECS AVAIL NOW	DATE REV. AVAIL
2. AFSOC TAC C2 PROGRAM (1)									
FY02			HQ AFSOC	OPT/FFP (6)	MULTIPLE	JAN 02	JUN 02		
FY03			HQ AFSOC	OPT/FFP (6)	MULTIPLE	FEB 03	JUN 03		
FY04			HQ AFSOC	OPT/FFP (6)	MULTIPLE	JAN 04	JUN 04	Y	
FY05			HQ AFSOC	OPT/FFP (6)	MULTIPLE	JAN 05	JUN 05	Y	

REMARKS:

1. Quantities and unit costs vary due to different site configurations/computer items being procured.
2. Option to prior year contract awarded Feb 96 to Siemens Rolm, Vienna, VA.
3. Utilizes AFCAC 308 and Desktop IV & V contracts. Multiple award and delivery dates to multiple vendors; award/delivery dates reflect date of first award and delivery.
4. Option to prior year contract awarded Apr 99 to COMPAQ, St Louis, MO.
5. Delivery Orders with multiple contractors to include RAM, Reston, VA; GSA, Kansas City, MO; Siemens Rolm, Vienna, VA; award/delivery dates reflect date of first award and delivery.
6. Option to existing AFSOC and US Army contracts. Award/delivery dates reflect dates of first award/delivery.

BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)	DATE: FEBRUARY 2003
APPROP CODE/BA: OPAF/ELECTRONICS & TELECOMMUNICATION EQUIPMENT	**P-1 NOMENCLATURE:** AIR FORCE PHYSICAL SECURITY SYSTEM

	FY2002	FY2003	FY2004	FY2005	FY2006	FY2007	FY2008	FY2009
QUANTITY								
COST (in Thousands)	$52,213	$81,882	$34,877	$27,031	$30,754	$34,854	$64,367	$34,465

Description:

This program procures and installs integrated base defense physical security equipment to protect aircraft, missiles, nuclear weapons, and other critical war fighting resources on 117 installations world-wide to include active Air Force, Air Force Reserve, and Air National Guard installations. The Air Force has a continuing need to upgrade and modernize existing physical security systems presently installed at fixed sites worldwide. These systems must be replaced an average of every eight years, depending on environmental conditions, type of sensor, and availability of spare parts due to technical obsolescence. The program funds modern security equipment such as, but not limited to, ground surveillance radar systems, explosive detection systems, fence sensor systems, and unmanned ground/aerial surveillance and detection systems to replace older generation intrusion detection systems at fixed sites, provides relocatable sensors for use on Air Force flightlines, responds to transient security threats, and provides tactical sensors, communications equipment, command & control (C2), physical delay and/or denial devices, engineering design, installation, allied support, modeling and simulation, training and program office support. This program also directly supports the Homeland Defense elements of anti-terrorism, counter-terrorism, critical infrastructure protection intelligence and consequence management.

Other physical security delay/denial equipment funded in this program includes remotely operated mobile sensor systems, including the associated unmanned air and/or ground vehicle platforms; directed energy weapons for force protection applications, including non-lethal laser and millimeter-wave systems; non-lethal weapons; and remotely-operated weapon mounting and fire control systems.

1. TACTICAL SECURITY SYSTEMS: Tactical Security Systems provide integrated electronic security systems designed for rapid deployment and worldwide operation. Tactical Security Systems employ sensors, assessment devices, alarm monitors, data communications links and power equipment to form a continuous electronic security envelope around critical resources, improving the ability of Air Force Security Forces to protect them. Designs are modular and tailorable to support any requirement and include line and wide area detection and assessment systems such as ground surveillance radar and unmanned ground/aerial surveillance and detection systems. An on-going

BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)	DATE: FEBRUARY 2003
APPROP CODE/BA: OPAF/ELECTRONICS & TELECOMMUNICATION EQUIPMENT	**P-1 NOMENCLATURE:** AIR FORCE PHYSICAL SECURITY SYSTEM

Description (continued):

Pre-Planned Product Improvement (P3I) Program provides systems capability improvements.

a) AIR BASE GROUND DEFENSE (formerly called Air Base Defense Sensors): These funds support the Air Force tactical sensor program which addresses air base defense requirements for security forces to detect intrusions and assess targets. Tactical Automated Security System (TASS) equipment is required to support two major theater wars and provide robust force protection capabilities world-wide. TASS kit procurement addresses squad, boundary, headquarters and basic starter kit configurations, each containing varying numbers of active, passive, telescope infrared and breakwire sensors, as well as communications equipment, radios, assessment devices, training and associated support equipment. FY04 funding continues procurement of TASS equipment.

b) ANTI-TERRORISM: The anti-terrorism program is designed to protect and defend service members, civilian employees, family members, facilities, and other Air Force resources in all locations and situations. Anti-terrorism funds procure intrusion detection and assessment equipment to protect overseas resources that have been evaluated as potentially soft targets for terrorist attacks. FY04 funding will continue procurement of equipment in support of these anti-terrorism efforts.

c) FLIGHTLINE SECURITY: Flightline security equipment reduces risk to Air Force personnel, weapon systems and facilities deployed on base flightlines. DoD downsizing, reductions in forward basing, and aircraft technology advances have elevated Air Force weapon systems into increasingly valuable national power projection capabilities. However, the security afforded most Air Force aircraft and associated personnel and facilities in terms of equipment or manpower has not kept pace with the changing world environment and state-of-the-art technology. The current TASS contract enables the Air Force to meet flightline security requirements in accordance with the Aerospace Expeditionary Force concept. FY04 funding continues procurement of equipment including a variety of sensors, unmanned air and/or ground vehicles, assessment devices and communication equipment to meet a broad range of intrusion detection needs (perimeter, tactical, and flightline). In addition, FY04 funds will procure TASS alarms, sensors, annunciators, closed circuit televisions (CCTV) and night vision equipment in support of the Air Mobility Command (AMC) Raven program. Raven crews are security force personnel responsible for overall aircrew and aircraft force protection when AMC aircraft land on non-DoD controlled airfields throughout the world.

2. STRATEGIC SECURITY SYSTEMS: Strategic Security Systems acquire, install, and test perimeter and interior intrusion detection,

BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)	DATE: FEBRUARY 2003
APPROP CODE/BA: OPAF/ELECTRONICS & TELECOMMUNICATION EQUIPMENT	**P-1 NOMENCLATURE:** AIR FORCE PHYSICAL SECURITY SYSTEM

Description (continued):

assessment, and alarm reporting systems for Air Force (AF), Air National Guard and AF Reserve installations. Installations and upgrades include design, interior/exterior intrusion detection systems (IDS), annunciators, access control systems with accompanying communications upgrades, video storage systems (VSS), allied support, initial training, training equipment, interim contractor support, and ancillary equipment items. Integrated Base Defense upgrade technologies include, but are not limited to, ground surveillance radar systems, explosive detection systems, fence/ground sensor technologies, unmanned ground/aerial day/night surveillance and detection systems, and remotely operated weapons systems. Weapon Storage Areas (WSAs) are located at Nellis Air Force Base (AFB), NV, Malmstrom AFB, MT, Barksdale AFB, LA, F.E. Warren AFB, WY, Kirtland Underground Munitions Maintenance and Storage Complex (KUMMSC) at Kirtland AFB, NM, Minot AFB, ND, and Whiteman AFB, MO.

a) AIR LAUNCH CRUISE MISSILE (ALCM) SECURITY SYSTEMS: These funds procure intrusion detection sensors, alarm annunciators and closed circuit television cameras to maintain and replace unsupportable Air Launch Cruise Missile (ALCM) security command and control subsystems. FY04 will provide installation and integration of the perimeter and interior security system at Whiteman AFB, MO, and will continue to provide intital security upgrade planning at various WSAs, as well as other priority locations.

b) FIXED-SITE SECURITY: Fixed-Site Security projects support long-term physical security requirements at permanent AF installations worldwide. Permanently-based aircraft and missiles, weapons in depot storage, satellite control facilities, and other key AF assets require permanently installed intrusion detection systems and access control systems. Detection systems integrate alarms, sensors and annunciators into consolidated packages in support of priority resources. In FY03 Congress added $39.6M from the Cost of War Transfer Account to purchase force protection technology (barriers, detection systems, explosive detection system, etc) in support of South West Asia, SOUTHCOM, and various other priority locations. Additionally, in FY03 Congress added $2M to this program for the Contaminant Air Processing System. Reference Appropriations Conference Report 107-732, October 9, 2002, page 218. FY04 funding will complete the WSA upgrades at Whiteman AFB, MO, and begin System Effectiveness Analyses (SEA), planning and installation at one or more WSA locations.

c) MINUTEMAN SQUADRON SECURITY: These funds procure intrusion detection sensors, alarm annunciators, closed circuit television cameras and program office support to maintain and replace critical Minuteman warhead storage security command and control subsystems that can no longer be supported.

BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)	DATE: FEBRUARY 2003
APPROP CODE/BA: OPAF/ELECTRONICS & TELECOMMUNICATION EQUIPMENT	**P-1 NOMENCLATURE:** AIR FORCE PHYSICAL SECURITY SYSTEM

Description (continued):

d) JOINT STARS (JSTARS): No FY04 funding requested.

3. OTHER AIR FORCE SECURITY SYSTEMS: Funds provide for design, acquisition, integration, installation, and testing of interior/exterior physical security systems for Air Force Major Commands worldwide. Funds are also utilized for the planning of logistical support.

a) FLIGHTLINE SECURITY ENHANCEMENT PROGRAM (FSEP): The FSEP provides a 24-hour surveillance, assessment and intrusion detection capability to enhance protection of United States Air Forces Europe (USAFE) flightline areas. This program is being implemented at operating bases throughout the European Theater. Phase 1 installs CCTV and thermal imagers on elevated pan-tilt-zoom mounts and provides a stand-alone capability of flightline surveillance and assessment. Phase 2 will integrate one or more sensor systems, alarm annunciation equipment, and delay systems with Phase 1 equipment to provide an intrusion detection capability to help reduce the flightline risk. Funds were also being utilized for CCTV and thermal imager system modification/upgrade efforts. These funds provided for annunciator and IDS sensor integration activities, additional IDS sensors for Phase 2 testing and test support. FY04 funding will continue procurement of IDS system integration & test, and starts FSEP IDS installation activities.

b) JOINT SERVICE INTERIOR INTRUSION DETECTION SYSTEMS (JSIIDS): JSIIDS is used for protection of base resources outside of the Continental United States (CONUS). The JSIIDS program procures and installs a certified AF annunciator system to replace the aging JSIIDS annunciator, which has been in operation at European bases for over 20 years. FY04 funding will continue procurement and installation efforts at remaining JSIIDS locations (United Kingdom--Royal Air Force (RAF) Fairford, RAF Molesworth/Alconbury, RAF Mildenhall, RAF Lankenheath; Turkey--Incirlik AB; and Germany--Ramstein, Vogelweh, and Sembach).

Items requested in FY04 are identified on the following P-40a and are representative of items to be procured. Items procured during execution may change based on critical equipment needed to support current Air Force mission requirements.

BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITEMS (EXHIBIT P- 40A)	DATE: FEBRUARY 2003
APPROP CODE/BA: OPAF/ELECTRONICS & TELECOMMUNICATION EQUIPMENT	**P-1 NOMENCLATURE:** AIR FORCE PHYSICAL SECURITY SYSTEM

PROCUREMENT ITEMS	ID CODE	FY2002		FY2003		FY2004		FY2005	
		QTY.	COST	QTY.	COST	QTY.	COST	QTY.	COST
1. TACTICAL SECURITY SYSTEMS			${21,270}		${30,363}		${25,600}		${16,525}
A. AIR BASE GROUND DEFENSE	A		$2,037		$2,682		$2,685		$2,725
B. ANTI-TERRORISM	A		$974		$1,813		$909		$922
C. FLIGHTLINE SECURITY	A		$18,259		$25,868		$22,006		$12,878
2. STRATEGIC SECURITY SYSTEMS			${29,172}		${49,343}		${7,188}		${8,451}
A. AIR LAUNCH CRUISE MISSILE	A		$1,251		$1,312		$1,315		$1,335
B. FIXED-SITE SECURITY	A		$27,409		$44,053		$5,339		$6,572
C. MINUTEMAN SQUADRON SECURITY	A		$512		$535		$534		$544
D. JOINT STARS (JSTARS)	A				$3,443				
3. OTHER SECURITY SYSTEMS			${1,771}		${2,176}		${2,089}		${2,055}
A. FLIGHTLINE SECURITY ENHANCEMENT PROGRAM (FSEP)	A		$1,494		$1,812		$1,819		$1,785
B. JOINT SERVICE INTERIOR INTRUSION DETECTION SYS (JSIIDS)	A		$277		$364		$270		$270
Totals:			$52,213		$81,882		$34,877		$27,031

Remarks:

	P-1 ITEM NO 51		PAGE NO: 104		Page 1 of 1

BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P- 5A)	DATE: FEBRUARY 2003
APPROP CODE/BA: OPAF/ELECTRONICS & TELECOMMUNICATION EQUIPMENT	**P-1 NOMENCLATURE:** AIR FORCE PHYSICAL SECURITY SYSTEM

ITEM / FISCAL YEAR	QTY.	UNIT COST	LOCATION OF PCO	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWD. DATE	DATE FIRST DEL.	SPECS AVAIL NOW	DATE REV. AVAIL
1. TACTICAL SECURITY SYSTEMS (1)(2)									
A. AIR BASE GROUND DEFENSE									
FY02			AFMC/ESC	DO/FFP	MULTIPLE (3)	NOV 01	FEB 02		
FY03			AFMC/ESC	DO/FFP	MULTIPLE (3)	JAN 03	FEB 03		
FY04			AFMC/ESC	DO/FFP	MULTIPLE (3)	JAN 04	FEB 04	Y	
FY05			AFMC/ESC	DO/FFP	MULTIPLE (3)	JAN 05	FEB 05	Y	
B. ANTI-TERRORISM									
FY02			AFMC/ESC	DO/FFP	MULTIPLE (3)	FEB 02	JUL 02		
FY03			AFMC/ESC	DO/FFP	MULTIPLE (3)	JAN 03	FEB 03		
FY04			AFMC/ESC	DO/FFP	MULTIPLE (3)	JAN 04	FEB 04	Y	
FY05			AFMC/ESC	DO/FFP	MULTIPLE (3)	JAN 05	FEB 05	Y	
C. FLIGHTLINE SECURITY									
FY02			AFMC/ESC	DO/FFP	MULTIPLE (3)	FEB 02	JUL 02		
FY03			AFMC/ESC	DO/FFP	MULTIPLE (3)	JAN 03	FEB 03		
FY04			AFMC/ESC	DO/FFP	MULTIPLE (3)	JAN 04	FEB 04	Y	
FY05			AFMC/ESC	DO/FFP	MULTIPLE (3)	JAN 05	FEB 05	Y	
2. STRATEGIC SECURITY SYSTEMS (1)(2)									
A. AIR LAUNCH CRUISE MISSILE									

	P-1 ITEM NO 51		PAGE NO: 105		Page 1 of 3

BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P- 5A)	DATE: FEBRUARY 2003
APPROP CODE/BA: OPAF/ELECTRONICS & TELECOMMUNICATION EQUIPMENT	**P-1 NOMENCLATURE:** AIR FORCE PHYSICAL SECURITY SYSTEM

ITEM / FISCAL YEAR	QTY.	UNIT COST	LOCATION OF PCO	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWD. DATE	DATE FIRST DEL.	SPECS AVAIL NOW	DATE REV. AVAIL
FY02			AFMC/ESC	OTH/OTH	MULTIPLE (3)	NOV 01	MAR 02		
FY03			AFMC/ESC	OTH/OTH	MULTIPLE (3)	DEC 02	MAR 03		
FY04			AFMC/ESC	OTH/OTH	MULTIPLE (3)	DEC 03	MAR 04	Y	
FY05			AFMC/ESC	OTH/OTH	MULTIPLE (3)	DEC 04	MAR 05	Y	
B. FIXED-SITE SECURITY									
FY02			AFMC/ESC	OTH/OTH	MULTIPLE (3)	NOV 01	MAR 02		
FY03			AFMC/ESC	OTH/OTH	MULTIPLE (3)	DEC 02	MAR 03		
FY04			AFMC/ESC	OTH/OTH	MULTIPLE (3)	DEC 03	MAR 04	Y	
FY05			AFMC/ESC	OTH/OTH	MULTIPLE (3)	DEC 04	MAR 05	Y	
C. MINUTEMAN SQUADRON SECURITY									
FY02			AFMC/ESC	OTH/OTH	MULTIPLE (3)	MAR 02	JUN 02		
FY03			AFMC/ESC	OTH/OTH	MULTIPLE (3)	DEC 02	MAR 03		
FY04			AFMC/ESC	OTH/OTH	MULTIPLE (3)	DEC 03	MAR 04	Y	
FY05			AFMC/ESC	OTH/OTH	MULTIPLE (3)	DEC 04	MAR 05	Y	
D. JOINT STARS (JSTARS)									
FY03			AFMC/ESC	OTH/OTH	MULTIPLE (3)	JAN 03	MAY 03		
3. OTHER SECURITY SYSTEMS									
A. FLIGHTLINE SECURITY ENHANCEMENT PROGRAM (FSEP)									

	P-1 ITEM NO 51		PAGE NO: 106		Page 2 of 3

BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P- 5A)	DATE: FEBRUARY 2003
APPROP CODE/BA: OPAF/ELECTRONICS & TELECOMMUNICATION EQUIPMENT	**P-1 NOMENCLATURE:** AIR FORCE PHYSICAL SECURITY SYSTEM

ITEM / FISCAL YEAR	QTY.	UNIT COST	LOCATION OF PCO	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWD. DATE	DATE FIRST DEL.	SPECS AVAIL NOW	DATE REV. AVAIL
FY02			HQ USAFE	OTH/OTH	MULTIPLE (3)	FEB 02	JUN 02		
FY03			HQ USAFE	OTH/OTH	MULTIPLE (3)	NOV 02	MAR 03		
FY04			HQ USAFE	OTH/OTH	MULTIPLE (3)	NOV 03	MAR 04	Y	
FY05			HQ USAFE	OTH/OTH	MULTIPLE (3)	NOV 04	MAR 05	Y	
B. JOINT SERVICE INTERIOR INTRUSION DETECTION SYS (JSIIDS)									
FY02			HQ USAFE	OTH/OTH	MULTIPLE (3)	MAR 02	JUN 02		
FY03			HQ USAFE	OTH/OTH	MULTIPLE (3)	NOV 02	JAN 03		
FY04			HQ USAFE	OTH/OTH	MULTIPLE (3)	JAN 04	FEB 04	Y	
FY05			HQ USAFE	OTH/OTH	MULTIPLE (3)	JAN 05	FEB 05	Y	

REMARKS:
1. Unit costs vary due to various types and quantities of physical security equipment procured for each site.
2. Multiple contract method and types: Delivery Order/Firm Fixed Price contracts: In Oct 97, AFMC/ESC awarded three (3) five-year delivery order contracts (these have a two year extension Jan 03) to TRW, Carson, CA; EER Systems, Seabrook, MD; and LAU Technologies, Littleton, MA. Task Order/Labor Hour contracts to Kylmar, LTD, Andover, UK, and GSA/Labor Hour/Delivery Order to Titan System Corporation, Billerica, MA; Gemini Industries, Billerica, MA; ACS Defense, Inc, Burlington, MA; and MCR, Bedford, MA. Other typical contractors include BAE, Eglin AFB, FL and Diebold, Northridge, CA. Award/delivery dates represent the date of first award/delivery. 3. Locations of PCO varies from AFMC/ESC; AFMC/46TW; HQ Standard System Group, Gunter AFB, AL; GSA, Ft Worth, TX; Department of Energy (DOE) Albuquerque, NM and USAFE, Europe.

BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)	DATE: FEBRUARY 2003
APPROP CODE/BA: OPAF/ELECTRONICS & TELECOMMUNICATION EQUIPMENT	**P-1 NOMENCLATURE:** COMBAT TRAINING RANGES

	FY2002	FY2003	FY2004	FY2005	FY2006	FY2007	FY2008	FY2009
QUANTITY								
COST (in Thousands)	$109,611	$40,661	$23,442	$38,342	$42,572	$43,100	$43,966	$44,626

Description:

This program procures electronic telecommunications and instrumentation equipment/systems for training ranges worldwide. These systems provide real-time monitoring and control of aircrew air-to-air, air-to-ground, ground-to-air, and electronic warfare training along with the ability to record and play back events for crew debriefing and analysis. This program also procures weapons scoring systems, advanced threat simulator systems to satisfy Electronic Warfare (EW) training capability requirements, aircraft/pod interfaces, software interoperability among services' ranges, and the encryption of range/aircraft data links and associated communication devices/connectivity. FY04 funding continues the upgrade of these critical training systems. Emphasis in FY03 was placed on acquiring increased Global Positioning System (GPS) capability for operating in a rangeless, joint environment, ground display/debriefing work stations and security initiatives, and integrating advanced radar threat systems. FY04 will continue this emphasis and address modernization of aging electronics and telecommunications infrastructure on ranges to ensure compliance with current standards and continued range safety.

1. AIR COMBAT TRAINING SYSTEMS (ACTS) UPGRADES: FY04 funds provide a modular, spiral-developed, approach to Air Combat Training Systems (ACTS) range upgrades, which include additional security equipment and rangeless GPS capability, through the P4 Refurbishment Contract (P4RC) program and the P5 Combat Training System (P5CTS) program. The P5CTS program is a new name for the P4RC Plus program. The Air Force (AF) P5CTS program started in FY03. FY04 funds continue the upgrade of selected legacy systems and the procurement of new systems to a state-of-the-art, functional configuration. Aging computational and control subsystems (CCS) and advanced display and debriefing subsystems (ADDS) will be replaced with modern, more capable, efficient, open architecture computer systems capable of hosting the latest fielded software upgrades. Secure capability will be added to range instrumentation and threat systems to support realistic training with state-of-the-art, air-to-air missile systems such as the Advanced Medium Range Air-to-Air Missile (AMRAAM), modern surface-to-air missiles systems, and advanced "double digit" adversary threat systems. GPS capability will be added to legacy ground instrumentation subsystems to complement airborne GPS training instrumentation subsystems through a refurbishment approach. Ground display and debriefing equipment will be upgraded to read and display new data cartridges/formats and host display and debriefing software on

BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)	DATE: FEBRUARY 2003
APPROP CODE/BA: OPAF/ELECTRONICS & TELECOMMUNICATION EQUIPMENT	**P-1 NOMENCLATURE:** COMBAT TRAINING RANGES

Description (continued):

personal and laptop computers. These upgrades will improve equipment sustainability and maintainability and will improve training by providing expanded range coverage and a transition to "rangeless" training. "Rangeless" training capability permits instrumented air combat training to be accomplished in any available airspace without having to fly over highly instrumented ground ranges. This will provide high fidelity, instrumented training for aircrews on nearly every sortie.

2. AIR COMBAT TRAINING SYSTEMS (ACTS) RANGE IMPROVEMENTS: In FY03, Congress added $6.714M for the 11th Air Force Joint Advanced Weapon Scoring System (JAWSS) Processor and $7.7M for the Mobile Remote Threat Emitter Simulator (MRES). Reference Appropriations Conference Report 107-32. Oct 9, 2002, page 218.

a. JOINT ADVANCED WEAPON SCORING SYSTEM (JAWSS): The JAWSS program consists of Navy-developed scoring systems which upgrade the weapon (bombing and gunnery) and laser spot scoring on AF ranges. The upgrades provide multiple new capabilities, to include scoring of day or night operations, production of a data stream with immediate displays, and results transmission to the pilot, providing immediate feedback previously unavailable to aircrew. Other provisions include the capability to monitor and control an extended, realistic target environment for simulated ordnance delivery, and aircrew training for airborne laser designators. FY04 funds procure upgrades for two Air National Guard (ANG) and two AF ranges.

b. MOBILE REMOTE EMITTER SIMULATOR (MRES): No FY04 funds are requested.

3. ELECTRONIC COMBAT THREAT SYSTEMS UPGRADES: In FY03, Congress added $9.4M for 11th AF Unmanned Threat Emitter (UMTE) Modification Program. Reference Appropriations Conference Report 107-732, Oct 9, 2002, page 218.

a. AIR FORCE SIMULATOR UPGRADES: The $9.4M Congressional add for Unmanned Threat Emitter (UMTE) in FY03 will be used to fund initial spares and to upgrade the remaining 8 UMTE systems at the Yukon and Oklahoma ranges near Eielson AFB, AK. FY04 funding will procure Joint Threat Emitter (JTE) . JTE is a high power/high fidelity emitter capable of replicating over 1,500 threat signals. JTE will modernize range threat simulator capabilities by emulating signals which simulate the most advanced air defense and threat systems.

BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)	DATE: FEBRUARY 2003
APPROP CODE/BA: OPAF/ELECTRONICS & TELECOMMUNICATION EQUIPMENT	**P-1 NOMENCLATURE:** COMBAT TRAINING RANGES

Description (continued):

b. JOINT SIMULATOR UPGRADES: Starting in FY04, the AF will procure opposing forces simulator systems for the Joint National Training Capability (JNTC) to meet US Joint Forces Command (JFCOM) requirements.

4. RANGE ELECTRONICS AND TELECOMMUNICATIONS INFRASTRUCTURE MODERNIZATION: No FY04 funds are requested.

BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITEMS (EXHIBIT P- 40A)	DATE: FEBRUARY 2003
APPROP CODE/BA: OPAF/ELECTRONICS & TELECOMMUNICATION EQUIPMENT	**P-1 NOMENCLATURE:** COMBAT TRAINING RANGES

PROCUREMENT ITEMS	ID CODE	FY2002		FY2003		FY2004		FY2005	
		QTY.	COST	QTY.	COST	QTY.	COST	QTY.	COST
1. AIR COMBAT TRAINING SYSTEMS (ACTS) UPGRADES	A		$12,677		$4,156		$4,195		$3,226
2. AIR COMBAT TRAINING SYSTEMS (ACTS) RANGE IMPROVEMENTS			${15,603}		${17,609}		${4,270}		${3,771}
A. JOINT ADVANCED WEAPON SCORING SYSTEM (JAWSS)	A		$3,803		$9,909		$4,270		$3,771
B. MOBILE REMOTE EMITTER SIMULATOR (MRES)	A		$11,800		$7,700				
3. ELECTRONIC COMBAT THREAT SYSTEMS UPGRADES			${32,131}		${18,896}		${14,977}		${31,345}
A. AIR FORCE SIMULATOR UPGRADES	A		$32,131		$18,896		$12,477		$1,1445
B. JOINT SIMULATOR UPGRADES	A						$2,500		$19,900
4. RANGE ELECTRONICS AND TELECOMMUNIACTIONS INFRASTRUCTURE MODERNIZATION			${49,200}						
A. NEVADA TEST AND TRAINING RANGE	A		$13,950						
B. UTAH TEST AND TRAINING RANGE (UTTR) MODERNIZATION	A		$16,100						
C. REALISTIC BOMBER TRAINING INITIATIVE (RBTI) MONITORING CAPABILITY	A		$850						
D. PACIFIC ALASKA RANGE COMPLEX (PARC) MODERNIZATION			${18,300}						
TPS-117 RADAR	A		$15,300						
UHF/VHF RADIOS	A		$3,000						

BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITEMS (EXHIBIT P- 40A)	DATE: FEBRUARY 2003
APPROP CODE/BA: OPAF/ELECTRONICS & TELECOMMUNICATION EQUIPMENT	**P-1 NOMENCLATURE:** COMBAT TRAINING RANGES

PROCUREMENT ITEMS	ID CODE	FY2002		FY2003		FY2004		FY2005	
		QTY.	COST	QTY.	COST	QTY.	COST	QTY.	COST
Totals:			$109,611		$40,661		$23,442		$38,342

Remarks:

	P-1 ITEM NO		PAGE NO:		Page 2 of 2
	52		112		

BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P- 5A)	DATE: FEBRUARY 2003
APPROP CODE/BA: OPAF/ELECTRONICS & TELECOMMUNICATION EQUIPMENT	**P-1 NOMENCLATURE:** COMBAT TRAINING RANGES

ITEM / FISCAL YEAR	QTY.	UNIT COST	LOCATION OF PCO	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWD. DATE	DATE FIRST DEL.	SPECS AVAIL NOW	DATE REV. AVAIL
1. AIR COMBAT TRAINING SYSTEMS (ACTS) UPGRADES									
FY02			AFMC/AAC	C/FFP	CUBIC DEF SYS, SAN DIEGO, CA	SEP 02	DEC 03		
FY03			AFMC/AAC	C/FFP	UNKNOWN	MAR 03	MAR 04	Y	
FY04			AFMC/AAC	C/FFP	UNKNOWN	FEB 04	DEC 04	N	DEC 03
FY05			AFMC/AAC	C/FFP	UNKNOWN	FEB 05	DEC 05	N	DEC 04
2. AIR COMBAT TRAINING SYSTEMS (ACTS) RANGE IMPROVEMENTS									
A. JOINT ADVANCED WEAPON SCORING SYSTEM (JAWSS)									
FY02			HQ ACC	MIPR/OTH	NAVY - MULTIPLE (1)	MAR 02	NOV 02		
FY03			HQ ACC	MIPR/OTH	NAVY - MULTIPLE (1)	MAR 03	NOV 03	Y	
FY04			HQ ACC	MIPR/OTH	NAVY - MULTIPLE (1)	MAR 04	NOV 04	Y	
FY05			HQ ACC	MIPR/OTH	NAVY - MULTIPLE (1)	MAR 05	NOV 05	Y	
B. MOBILE REMOTE EMITTER SIMULATOR (MRES)									
FY02			HQ ACC	MIPR/OTH		FEB 02	FEB 04		
FY03			HQ ACC	MIPR/OTH	MULTIPLE (2)	MAY 03	APR 05	N	MAR 03
3. ELECTRONIC COMBAT THREAT SYSTEMS UPGRADES									
A. AIR FORCE SIMULATOR UPGRADES									

BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P- 5A)	DATE: FEBRUARY 2003
APPROP CODE/BA: OPAF/ELECTRONICS & TELECOMMUNICATION EQUIPMENT	**P-1 NOMENCLATURE:** COMBAT TRAINING RANGES

ITEM / FISCAL YEAR	QTY.	UNIT COST	LOCATION OF PCO	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWD. DATE	DATE FIRST DEL.	SPECS AVAIL NOW	DATE REV. AVAIL
FY02			AFMC/OO-ALC	OTH/OTH	MULTIPLE (2)	JAN 02	JUN 02		
FY03			AFMC/OO-ALC	OTH/OTH	MULTIPLE (2)	JAN 03	JUN 03		
FY04			AFMC/OO-ALC	OTH/OTH	MULTIPLE (2)	JAN 04	JUN 04	N	SEP 03
FY05			AFMC/OO-ALC	OTH/OTH	MULTIPLE (2)	JAN 05	JUN 05	N	SEP 04
B. JOINT SIMULATOR UPGRADES									
FY04			AFMC/OC-ALC	OTH/OTH	MULTIPLE (2)	FEB 04	MAR 05	N	NOV 03
FY05			AFMC/OC-ALC	OTH/OTH	MULTIPLE (2)	FEB 05	MAR 06	N	NOV 03
4. RANGE ELECTRONICS AND TELECOMMUNICATIONS INFRASTRUCTURE MODERNIZATION									
A. NEVADA TEST AND TRAINING RANGE (NTTR)									
FY02			HQ ACC	MIPR/OTH/FFP	MULTIPLE (4)	JUN 02	DEC 02		
B. UTAH TEST AND TRAINING RANGE (UTTR) MODERNIZATION									
FY02			AFMC/OO-ALC	MIPR/OTH/FFP	MULTIPLE (5)	JUN 02	DEC 02		
C. REALISTIC BOMBER TRAINING INITIATIVE (RBTI) MONITORING CAPABILITY									
FY02			SPAWAR	MIPR/FFP	MULTIPLE (7)	MAY 02	MAY 03		
D. PACIFIC ALASKA RANGE COMPLEX (PARC) MODERNIZATION									
TPS-117 RADAR									
FY02			AFMC/OO-ALC	OTH/OTH	UNKNOWN (6)	FEB 03	AUG 04	Y	

BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P- 5A)	DATE: FEBRUARY 2003
APPROP CODE/BA: OPAF/ELECTRONICS & TELECOMMUNICATION EQUIPMENT	**P-1 NOMENCLATURE:** COMBAT TRAINING RANGES

ITEM / FISCAL YEAR	QTY.	UNIT COST	LOCATION OF PCO	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWD. DATE	DATE FIRST DEL.	SPECS AVAIL NOW	DATE REV. AVAIL
UHF/VHF RADIOS									
FY02			HQ PACAF	OTH/OTH	GSA FSS	MAR 03	AUG 03	Y	

REMARKS:

1. Joint Advanced Weapons Scoring System (JAWSS) procured by Naval Warfare Assessment Station, Corona, CA and Naval Air Warfare Center, Point Mugu, CA.
2. Electronic Combat Threats Systems Upgrades includes multiple contract methods and types, to include options to existing contracts, sole source contracts and MIPRs. Representative contractors include Harris Corp., Melbourne, FL; Sierra Technologies, Inc., Buffalo, NY; and, EW Systems, Colorado Springs, CO.
3. Realistic Bomber Training Initiative Monitoring Capability option to Bering Sea Echo Tech, Anchorage, AK contract awarded May 00.
4. Multiple contractors include: Computer Cabling of GA, Myrna, GA; The Presidio Corp., Lanham, MD; Devona Bell, Carol Stream, IL; Alcatel USA Marketing, Longview, TX; Vbrick, Wallingford, CT; Wyandotte Net Tel, Wyandotte, OK; Agilent Technologies Inc., Palo Alto, CA; General Dynamics Gov't Systems Corp., Needham, MA.
5. Multiple Contractors and/or Government Organizations for the Utah Test and Training Range (UTTR) Modernization are: 45LG/GLPRI, Patrick AFB, FL; Nextiraone Federal, Fairfax, VA; APCOM Inc., Gaithersburg, MD; Base Supply, Hill AFB, UT; Lecroy Corp., Chestnut Ridge, NY; Datum Inc., Beverly, MA; Truetime Inc., Santa Rosa, CA; PESA Switching Sustem Inc., Melville, NY; Coastcom, Alameda, CA; Instrumentation Marketing Corp., Burbank, CA; Black Box Corp., Pittsburgh, PA; International Fiber Systems, Newtown, CT; Monsen Engineering Inc., Salt Lake City, UT; Dell Marketing, Round Rock, TX; Innovative System Architect, Salt Lake City, UT; and NSWC Corona Division, Corona, CA.
6. At present, the FPS-117 effort is in Source Selection and Contractor selection is "Source Selection Sensitive," therefore, not releasable.
7. SPAWAR, Charleston, SC is serving as the integrating contractor and purchases are from individual vendors.