UNITED STATES AIR FORCE

Committee Staff Procurement Backup Book
FY1999 Budget Request

Submitted to Congress February 24, 1998

AIRCRAFT PROCUREMENT, AIR FORCE
VOLUME I

OPR: SAF/FMB

Volume I
AIRCRAFT PROCUREMENT

FY 1999 AMENDED BUDGET ESTIMATE SUBMISSION
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Volume I
AIRCRAFT PROCUREMENT

FY 1999 AMENDED BUDGET ESTIMATE SUBMISSION
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BUDGET PROGRAMS (BP)

AIRCRAFT PROCUREMENT, AIR FORCE

For construction, procurement, and modification of aircraft and equipment, including armor and armament, specialized ground handling equipment and training devices, spare parts, and accessories therefor; specialized equipment; expansion of public and private plants, Government-owned equipment and installation thereof in such plants, erection of structures, and acquisition of land, for the forgoing 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; and other expenses necessary for the foregoing purposes including rents and transportation of things; to remain available for obligation until September 30.

GLOSSARY OF ACRONYMS

ACTD - Advanced Concept Technology Demonstration
AGM - Air-to-Ground Missile
AIM - Air Intercept Missile
AIS - Avionics Intermediate Shop
ACMI - Aircraft Combat Maneuvering Instrumentation
AMRAAM - Advanced Medium-Range Air-to-Air Missile
AUTODIN - Automated Digital Network
AWACS - Airborne Warning and Control System
BLSS - Base Level Self-Sufficiency Spares
BY - Budget Year
C3 - Command, Control, and Communication System
CFE - Contractor Furnished Equipment
CONOPS - Concept of Operation
CONUS - Continental United States
CPMS - Comprehensive Power Management System
CPT - Cockpit Procedures Trainer
CRA - Continuing Resolution Authority
CTS - Countermeasures Test Set
CY - Current Year
DDTE - Design, Development, Test and Evaluation
ECCM - Electronic Counter Counter Measures
ECM - Electronic Counter Measures
ECO - Engineering Change Orders
EOQ - Economic Order Quantity
ECP - Engineering Change Proposal
EGPWS - Enhance, Ground Proximity Warning System
EPA - Economic Price Adjustment
EW - Electronic Warfare

EWAISP - Electronic Warfare Avionics Integration Support Facility
FLIR - Forward Looking Infra Red
FOT&E - Follow-on Test and Evaluation
FOC - Fully Operational Capability
FLTS - Flight Line Test Set
FPIF - Fixed Price Incentive Firm
FPIS - Fixed Price Incentive Fee, Successive Targets
GANS - Global Access Navigation & Safety
GATM - Global Air Traffic Management
GFE - Government Furnished Equipment
GPS - Global Positioning System
GSE - Ground Support Equipment
IOC - Initial Operating Capability
IPE - Increased Performance Engine
JPALS - Joint Precision Approach and Landing System
LANTIRN - Low Altitude Navigation and Targeting Infra Red System for Night
METS - Mobile Electronic Test Stations
MYP - Multiyear Procurement
MSIP - Multi-Stage Improvement Program
NAVWAR - Navigation Warfare
NMC Rate - Not Mission Capable Rate
OFP - Operational Flight Program
OT&E - Operational Test and Evaluation
OWRM - Other War Reserve Material
PAGEL - Priced Aerospace Ground Equipment List
PB - President's Budget
PGSE - Peculiar Ground Support Equipment
PMC - Procurement Method Code
PR - Purchase Request
PTT - Part Task Trainer

PY - Prior Year
R&M - Reliability and Maintainability
RAA - Required Asset Availability
RDT&E - Research, Development, Test and Evaluation
RVSM - Reduced Veriticle Separation Minimum
RWR - Radar Warning Receiver
ROM - Rough Order of Magnitude
SAM - Surface-to-Air Missile
SS - Sole Source
SOF - Special Operation Force
TAF - Tactical Air Force
TCAS - Traffic Collision Alert and Avoidance System
TEWS - Tactical Electronic Warfare System
TISS - TEWS Intermediate Support System
TOA - Total Obligation Authority
WMP - War Mobilization Plan
WRM - War Reserve Material
WST - Weapon System Trainer
UAV - Unmanned Aerial Vehicle
UHF - Ultra High Frequency
VHSIC - Very High Speed Integrated Circuit

ORGANIZATIONS

ACC - Air Combat Command
AFMC - Air Force Material Command
ALC - Air Logistics Center
ASC - Aeronautical Systems Center
ATC - Air Training Command
FAA - Federal Aviation Administration
NATO - North Atlantic Treaty Organization
OSD - Office of the Secretary of Defense
PACAF - Pacific Air Forces
USAFE - United States Air Forces Europe

TERMS

Advanced Buy - Obligating fund for longlead material/component is advance of the fiscal year the end item is authorized and procurement starts
Avionics - Electronic equipment on-board aircraft
Boresight - An optical reference line used in harmonizing guns, rockets on other weapon launchers
Chaff Flare - Radar and infrared countermeasures
Depot - Wholesale level repair and supply point
Drone - An object used for target practice
Fly by wire - Full authority electronic flight control system
Ground Clutter - Objects on the ground which cause distorted or misleading radar readings
Interdiction - Operational term for behind the front line bombing
Inter theater - Global
Intratheater - Within given area
Mobilization - The ability to move war fighting equipment from one place to another
Multi Stage Improvement Program - A phased program for upgrading the F-15 and F-16
Off the Shelf - Commercially available equipment
Pipeline Standards - The expected average time it takes for a component to be removed from the aircraft, repaired and returned for use in serviceable condition
Prototype - A working model transforming a developmental idea into reality
Provisioning - The process of determining and contracting for spare parts required to support new production systems for the initial support period
Pylon - Munitions adapter
Readiness - Ability to go to war and support initial deployment
Robotics - Automated manufacturing technique
S-Band - Radio frequency spectrums from 1550 to 3900 MHZ
Solicitation - The process of requesting proposals from private industry for goods and services required by the government
Surge - The period of time between normal operations and increased operations
Sustainability - Ability to sustain wartime combat rates after initial surge

DEPARTMENT OF THE AIR FORCE

FY 1999 PROCUREMENT PROGRAM

SUMMARY
($ IN MILLIONS)

FEB 1998

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE

ACTIVITY	FY 1997	FY 1998	FY 1999
01. COMBAT AIRCRAFT	515.8	719.9	785.3
02. AIRLIFT AIRCRAFT	2,373.3	2,317.8	2,975.5
03. TRAINER AIRCRAFT	71.3	75.9	107.1
04. OTHER AIRCRAFT	849.9	660.8	763.3
05. MODIFICATION OF INSERVICE AIRCRAFT	1,607.3	1,505.9	1,736.4
06. AIRCRAFT SPARES AND REPAIR PARTS	145.9	357.0	524.8
07. AIRCRAFT SUPPORT EQUIPMENT AND FACILITIES	703.7	721.3	864.1
TOTAL	6,267.1	6,358.5	7,756.5

* ITEMS UNDER $50,000

DEPARTMENT OF THE AIR FORCE
FY 1999 PROCUREMENT PROGRAM

EXHIBIT P-1

APPROPRIATION: 3010 AIRCRAFT PROCUREMENT, AIR FORCE

DATE: FEB 1998

LINE NO	ITEM NOMENCLATURE	IDENT CODE	(DOLLARS) FY 1999 UNIT COST	MILLIONS OF DOLLARS FY 1997 QUANTITY	FY 1997 COST	FY 1998 QUANTITY	FY 1998 COST	FY 1999 QUANTITY	FY 1999 COST	SEC
	BUDGET ACTIVITY 01: COMBAT AIRCRAFT									
	STRATEGIC OFFENSIVE									
1	B-1B (MYP)	B			21.2		10.6			U
2	B-2A (MYP)	B			85.8		323.4			U
	TACTICAL FORCES									
3	ADVANCED TACTICAL FIGHTER	A	334,029,000					2	(668.1)	U
	LESS: ADVANCE PROCUREMENT (PY)								(-73.0)	
					-------		-------		-------	
									595.1	
4	ADVANCED TACTICAL FIGHTER ADVANCE PROCUREMENT (CY)				7.5		73.2		190.2	u
	(FY 1997 FOR FY 1999) (MEMO)				(.3)					
	(FY 1997 FOR FY 2000) (MEMO)				(.8)					
	(FY 1997 FOR FY 2001) (MEMO)				(1.3)					
	(FY 1997 FOR FY 2002) (MEMO)				(2.1)					
	(FY 1997 FOR FY 2003) (MEMO)				(3.1)					
	(FY 1998 FOR FY 1999) (MEMO)						(72.7)			
	(FY 1998 FOR FY 2000) (MEMO)						(.1)			
	(FY 1998 FOR FY 2001) (MEMO)						(.1)			
	(FY 1998 FOR FY 2002) (MEMO)						(.1)			
	(FY 1998 FOR FY 2003) (MEMO)						(.2)			
	(FY 1998 FOR FY 9999) (MEMO)						(*)			
	(FY 1999 FOR FY 2000) (MEMO)								(190.2)	

* ITEMS UNDER $50,000

DEPARTMENTOFTHE AIR FORCE
FY 1999 PROCUREMENT PROGRAM

EXHIBIT P-1

APPROPRIATION:3010FAIRCRAFTPROCUREMENT, AIR FORCE

DATE: FEB 1998

MILLIONS OF DOLLARS

LINE NO	ITEM NOMENCLATURE	IDENT CODE	(DOLLARS) FY 1999 UNIT COST	FY 1997 QUANTITY	FY 1997 COST	FY 1998 QUANTITY	FY 1998 COST	FY 1999 QUANTITY	FY 1999 COST	SEC
5	F-15A	A		6	(276.6)	5	(239.9)		(11.0)	U
	LESS: ADVANCE PROCUREMENT (PY)				(-48.5)		(-18.9)		(-11.0)	
					228.1		221.0			
6	F-15A									
	ADVANCE PROCUREMENT (CY)				18.9		11.0			U
	(FY 1997 FOR FY 1998) (MEMO)				(18.9)					
	(FY 1998 FOR FY 1999) (MEMO)						(11.0)			
7	F-16 C/D (MYP)			6	154.3	3	80.7			U
TOTAL COMBAT AIRCRAFT					515.8		719.9		785.3	
BUDGET ACTIVITY 02: AIRLIFT AIRCRAFT										
TACTICAL AIRLIFT										
8	C-17 (MYP)	B	224,937,846	8	(2115.8)	9	(2097.5)	13	(2924.2)	U
	LESS: ADVANCE PROCUREMENT (PY)				(-251.8)		(-245.1)		(-327.2)	
					1864.0		1852.3		2597.0	
9	C-17 (MYP)									
	ADVANCE PROCUREMENT (CY)				211.2		278.2		303.5	U
	(FY 1997 FOR FY 1998) (MEMO)				(211.2)					
	(FY 1998 FOR FY 1999) (MEMO)						(278.2)			
	(FY 1999 FOR FY 2000) (MEMO)								(303.5)	

* ITEMS UNDER $50,000

DEPARTMENT OF THE AIR FORCE
FY 1999 PROCUREMENT PROGRAM

EXHIBIT P-1

APPROPRIATION: 3010 AIRCRAFT PROCUREMENT, AIR FORCE

DATE: FEB 1998

(DOLLARS) MILLIONS OF DOLLARS

LINE NO	ITEM NOMENCLATURE	IDENT CODE	FY 1999 UNIT COST	FY 1997 QUANTITY	FY 1997 COST	FY 1998 QUANTITY	FY 1998 COST	FY 1999 QUANTITY	FY 1999 COST	SEC
10	EC-130J	A		1	70.2	1	48.8			U
	OTHER AIRLIFT									
11	C-130H	A							11.2	U
12	C-130J	A	63,782,000	1	62.7		23.5	1	63.8	U
13	WC-130	A		3	165.2	2	115.0			U
TOTAL AIRLIFT AIRCRAFT					2,373.3		2,317.8		2,975.5	
BUDGET ACTIVITY 03: TRAINER AIRCRAFT										
14	JPATS	A	5,636,105	15	66.9	22	75.9	19	107.1	U
15	TANKER,TRANSPORT, TRAINER SYSTEM	B			4.4					U
TOTAL TRAINER AIRCRAFT					71.3		75.9		107.1	
BUDGET ACTIVITY 04: OTHER AIRCRAFT										
	HELICOPTERS									
16	HH-60G			8	107.5					U

* ITEMS UNDER $50,000

DEPARTMENTOFTHE AIR FORCE
FY 1999 PROCUREMENT PROGRAM

EXHIBIT P-1

APPROPRIATION: 3010F AIRCRAFT PROCUREMENT, AIR FORCE

DATE: FEB 1998

MILLIONS OF DOLLARS

LINE NO	ITEM NOMENCLATURE	IDENT CODE	(DOLLARS) FY 1999 UNIT COST	FY 1997 QUANTITY	FY 1997 COST	FY 1998 QUANTITY	FY 1998 COST	FY 1999 QUANTITY	FY 1999 COST	SEC
17	V-22 OSPREY	A							22.3	U
	MISSION SUPPORTAIRCRAFT									
18	CIVIL AIR PATROLA/C	A	97,000	27	2.6	27	3.0	27	2.6	U
19	SMALL VCX	A		2	99.1	1	5.9			U
20	C-32A	A	80,450,500			2	185.9	2	160.9	U
21	DRUG INTERDICTION	A			.8					U
	OTHER AIRCRAFT									
22	E-8C	A	289,104,500	2	(519.0)	1	(372.3)	2	(578.2)	U
	LESS: ADVANCE PROCUREMENT (PY)				(-128.5)		(-70.1)		(-115.2)	
					390.6		302.2		463.1	
23	E-8C ADVANCE PROCUREMENT (CY)				144.1		25.5			U
	(FY 1997 FOR FY 1998) (MEMO)				(58.7)					
	(FY 1997 FOR FY 1999) (MEMO)				(85.4).					
	(FY 1998 FOR FY 1999) (MEMO)						(22.4)			
	(FY 1998 FOR FY 9999) (MEMO)						(3.1)			
24	PREDATOR UAV	A	7,632,800	14	105.2	20	138.3	15	114.5	U
TOTAL OTHER AIRCRAFT					849.9		660.8		763.3	

* ITEMS UNDER $50,000

DEPARTMENT OF THE AIR FORCE
FY 1999 PROCUREMENT PROGRAM

EXHIBIT P-1

APPROPRIATION: 3010 AIRCRAFT PROCUREMENT, AIR FORCE

DATE: FEB 1998

MILLIONS OF DOLLARS

LINE NO	ITEM NOMENCLATURE	IDENT CODE	(DOLLARS) FY 1999 UNIT COST	FY 1997 QUANTITY	FY 1997 COST	FY 1998 QUANTITY	FY 1998 COST	FY 1999 QUANTITY	FY 1999 COST	SEC
BUDGET ACTIVITY 05: MODIFICATION OF INSERVICE AIRCRAFT										
	STRATEGIC AIRCRAFT									
25	B-2A	A			9.4		13.5		15.7	U
26	B-1B	A			90.5		111.7		91.6	U
27	B-52	A			20.2		38.4		38.3	U
28	F-117	A			28.8		27.7		25.7	U
	TACTICAL AIRCRAFT									
29	A-10	A			29.6		24.4		31.1	U
30	F/RF-4	A			.1					U
31	F-15	A			132.3		177.3		196.6	U
32	F-16	A			129.9		215.2		229.3	U
33	EF-111	A			.1		.2			U
34	T/AT-37	A			.1		.1		.1	U
	AIRLIFT AIRCRAFT									
35	C-5	A			61.7		81.2		63.6	U
36	C-9	A			11.3		16.0		9.5	U
37	C-17A	A			51.8		57.7		45.7	U

* ITEMS UNDER $50,000

DEPARTMENTOFTHE AIR FORCE
FY 1999 PROCUREMENT PROGRAM

EXHIBIT P-1

APPROPRIATION: 3010FAIRCRAFTPROCUREMENT, AIR FORCE

DATE: FEB 1998

MILLIONS OFDOLLARS

LINE NO	ITEM NOMENCLATURE	IDENT CODE	(DOLLARS) FY 1999 UNIT COST	-----FY 1997---- QUANTITY	COST	-----FY 1998---- QUANTITY	COST	-----FY 1999---- QUANTITY	COST	SEC
38	C-21	A		4.8		6.8		59.9		U
39	C-22	A		.4		.3		.2		U
40	C-STOL	A		.4		.1				U
41	C-137	A		4.5		2.2				U
42	C-141	A		51.0		44.3		33.4		U
	TRAINER AIRCRAFT									
43	T-1	A		7.0		6.8		7.7		U
44	T-3 (EFS) AIRCRAFT	A		.1		.1		.1		U
45	T-38	A		5.8		14.5		53.6		U
46	T-41 AIRCRAFT	A		*		.1		.1		U
47	T-43	A		4.8		10.0		2.2		U
	OTHER AIRCRAFT									
48	KC-10A (ATCA)	A		18.4		20.4		43.7		U
49	C-12	A		11.0		4.6		3.8		U
50	C-18	A		1.1		.3		.4		U
51	C-20 MODS	A		1.0		8.2		6.6		U
52	VC-25A MOD	A		2.1		10.5		7.4		U

* ITEMS UNDER $50,000

DEPARTMENT OF THE AIR FORCE
FY 1999 PROCUREMENT PROGRAM

EXHIBIT P-1

APPROPRIATION: 3010 F AIRCRAFT PROCUREMENT, AIR FORCE

DATE: FEB 1998

MILLIONS OF DOLLARS

LINE NO	ITEM NOMENCLATURE	IDENT CODE	(DOLLARS) FY 1999 UNIT COST	FY 1997 QUANTITY	FY 1997 COST	FY 1998 QUANTITY	FY 1998 COST	FY 1999 QUANTITY	FY 1999 COST	SEC
53	C-130	A			97.8		129.8		119.6	U
54	C-135	A			233.5		143.6		291.1	U
55	DARP	A			277.6		138.0		139.2	U
56	E-3	A			264.3		127.7		114.2	U
57	E-4	A			12.5		13.4		14.0	U
58	E-8	A							44.2	U
59	H-i	A			8.7		3.5		1.9	U
60	H-60	A			6.0		16.5		17.2	U
61	OTHER AIRCRAFT	A			25.8		33.7		17.7	U
62	PREDATOR MODS	A							3.5	U
	OTHER MODIFICATIONS									
63	CLASSIFIED PROJECTS	A			3.0		7.4		7.5	U
	TOTAL MODIFICATION OF INSERVICE AIRCRAFT				1,607.3		1,505.9		1,736.4	
	BUDGET ACTIVITY 06: AIRCRAFT SPARES AND REPAIR PARTS									
	AIRCRAFT SPARES + REPAIR PARTS									

* ITEMS UNDER $50,000

DEPARTMENT OF THE AIR FORCE
FY 1999 PROCUREMENT PROGRAM

EXHIBIT P-1

APPROPRIATION: 3010 FAIRCRAFT PROCUREMENT, AIR FORCE

DATE: FEB 1998

MILLIONS OF DOLLARS

LINE NO	ITEM NOMENCLATURE	IDENT CODE	(DOLLARS) FY 1999 UNIT COST	FY 1997 QUANTITY	FY 1997 COST	FY 1998 QUANTITY	FY 1998 COST	FY 1999 QUANTITY	FY 1999 COST	SEC
64	SPARES AND REPAIR PARTS	A			145.9		357.0		524.8	U
	TOTAL AIRCRAFT SPARES AND REPAIR PARTS				145.9		357.0		524.8	
	BUDGET ACTIVITY 07: AIRCRAFT SUPPORT EQUIPMENT AND FACILITIES									
	COMMON SUPPORT EQUIPMENT									
65	COMMON SUPPORT EQUIPMENT	A			161.8		147.9		152.1	U
	POST PRODUCTION SUPPORT									
66	A-10	A					2.7		11.4	U
67	B-2A	A							189.9	U
68	C-5	A							28.5	U
69	F-15 POST PRODUCTION SUPPORT	A			7.8		6.1		7.9	U
70	F-16 POST PRODUCTION SUPPORT	A			63.1		37.5		27.3	U
71	H-1	A			8.8					U
	INDUSTRIAL PREPAREDNESS									
72	INDUSTRIAL PREPAREDNESS	A			27.1		25.3		19.1	u
	WAR CONSUMABLES									

* ITEMS UNDER $50,000

DEPARTMENT OF THE AIR FORCE
FY 1999 PROCUREMENT PROGRAM

EXHIBIT P-1

APPROPRIATION: 3010F AIRCRAFT PROCUREMENT, AIR FORCE

DATE: FEB 1998

(DOLLARS) MILLIONS OF DOLLARS

LINE NO	ITEM NOMENCLATURE	IDENT CODE	FY 1999 UNIT COST	FY 1997 QUANTITY	FY 1997 COST	FY 1998 QUANTITY	FY 1998 COST	FY 1999 QUANTITY	FY 1999 COST	SEC
73	WAR CONSUMABLES	A			54.1		62.1		49.4	u
	OTHER PRODUCTION CHARGES									
74	MISC PRODUCTION CHARGES	A			228.1		268.6		221.5	U
	COMMON ECM EQUIPMENT									
75		A			4.6		4.5		5.0	u
	OTHER PRODUCTION CHARGES - SOF									
76	CANCELLED ACCOUNT PY ADJUSTMENTS	A			2.1					U
	DARP									
77	DARP				146.2		166.7		152.1	U
TOTAL AIRCRAFT SUPPORT EQUIPMENT AND FACILITIES					703.7		721.3		864.1	
TOTAL AIRCRAFT PROCUREMENT, AIR FORCE					6,267-l		6,358.5		7.756.5	

* ITEMS UNDER $50,000

EXHIBIT P-40

BUDGET ITEM JUSTIFICATION SHEET	Date: Feb 98
APPROPRIATION/BUDGET ACTIVITY	**P-1 ITEM NOMENCLATURE**
AIRCRAFT PROCUREMENT/BA01 COMBAT AIRCRAFT	B-1B BOMBER

	FY 1996	FY 1997	FY1998	FY1999	FY2000	FY 2001	FY 2002	FY 2003	To Comp	Total
QUANTITY	0	0	0	0	0	0	0	0	0	0
COST (IN millions)	**54.4**	**21.2**	**10.6**	**0**	**0**	**0**	**0**	**0**	**0**	**86.2**
Initial Spares (in M)	0	0	0	0	0	0	0	0	0	0
Total (In Millions)	**54.4**	**21.2**	**10.6**	**0**	**0**	**0**	**0**	**0**	**0**	**86.2**
Unit Cost (in M)										

MISSION AND DESCRIPTION:

The B- 1 B has been designated as the "backbone" of the conventional bomber force. National Security will increasingly depend on conventional bombers to meet the demands of responding rapidly to security threats from various regions around the world. The B- 1B is the weapon system to meet the challenge of these threats.

FY 99 PROGRAM JUSTIFICATION:

Organic repair capability will be established in FY 99 therefore funding transitioned to the Operations & Maintenance, Air Force appropriation in support of Contractor Logistic Support (CLS).

AIRCRAFT COST ANALYSIS EXHIBIT P-5 (Dollars in Millions)	A. Appn/Budget Activity Title/No.		B. Popular Name B-1B		C. Manufacturer Rockwell Int'l		D. Date Fe b-98	
	FY96 Unit cost	QTY Total cost	FY97 Unit Cost	QTY 0 Total cost	FY98 Unit Cost	QTY 0 Total cost	FY99 Unil Cost	QTY C Total Cost
AIRFRAME/CFE		0.0		0.0		0.0		0.0
ENGINE/ACCESSORIES								
Eng Model:								
AVIONICS								
ARMAMENT								
OTHER GFE								
ECO (All Flyaway Components)								
NJON-RECURRING COSTS								
OTHER COSTS								
Subtotal FLYAWAY COSTS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AIRFRAME PGSE (Deferred Logistics)								
ENGINE PGSE								
AVIONICS PGSE								
PECULIAR TRAINING EQUIPMENT								
PUBLICATIONS/TECH. DATA								
ECO (ALL SUPPORT ITEMS)								
OTHER (ICS)		54.4		21.2		10.6		C
Program Management Administration (PMA)						0.0		0.0
Subtotal SUPPORT COST		54.4		21.2		10.6		0.0
GROSS P-I COST		54.4		21.2		10.6		0.0
2!O LESS: Prior Yr Adv. Proc		0.0		0.0		0.0		0.0
21 NET P-I COST		54.4		21.2		10.6		0.0

EXHIBIT P-5

FY99 PB BUDGET ITEM JUSTIFICATION SHEET	DATE: Feb-98
APPROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT/BA01, COMBAT AIRCRAFT	P-I ITEM NOMENCLATURE B-2

	FY96/PRIOR	FY97	FY98	FY99	FYOO	FY01	FY02	FY03	TC	TOTAL
QUANTITY	*21*	*0*	*0*							*21*
COST (TY$M)	17339.0	*85.8*	*323.4*							*17748.2*

Mission and Description: The B-2 is an all-wing, two-crew aircraft with provisions for a third crew member and has twin weapons bays of over 20,000 pounds capacity each. It is powered by four F118-GE-100 turbofan engines. The low wing loading provides efficient cruise and good airfield performance. The B-2 bomber exploits breakthroughs in low observables technology (radar, infrared, visual, electromagnetic, and acoustic) to achieve vehicle signatures that will allow penetration of current and postulated enemy air defenses. The B-2 will have the capability to perform worldwide conventional and nuclear delivery missions consistent with Air Combat Command requirements. Survivability will be enhanced by reduction of observable signatures and complementary defense management system. The B-2 will also have a low altitude terrain following capability and a penetration speed commensurate with high probability of survival without unduly penalizing mission range. The management and acquisition strategy provides the user a capability for the lowest possible cost.

FY 1997 Program Justification: The FY 1997 program contains costs associated with technical orders, interim contractor support, software investment, aircrew training device, maintenance training device, weapons delivery systems, peculiar support equipment, program management administrative requirements, and non recurring cost to preserve tooling, equipment, and data.

FYI998 Program Justification: The FY 1998 program contains costs associated with technical orders, interim contractor support, software investment, aircrew training device, maintenance training device, peculiar support equipment, program management administrative requirements, and non-recurring cost to preserve tooling, equipment, and data. All FY98 procurement funding restricted (PB request $174M and Congressional add $157M) until the President certifies his intentions regarding procurement of additional B-2s in this fiscal year.

The program transitions form aircraft procurement (BP-IO) to post production support (BP-13) funds in FY99.

	P-I SHOPPING LIST ITEM NO.	PAGE NO.	Exhibit P-4(*Page 1 of 1*

WEAPON SYSTEM COST ANALYSIS EXHIBIT (P-5) FY99 PB	A. Appropriation/Budget Activity Title/No. Aircraft Procurement Combat Aircraft, BA01	B. Weapon Model/Series/ Popular Name B-2 Advanced Technology Bomber	C. Manufacturer Name Plant City/State location Northrop Grumman MASD Pico Rivera. CA	D. Date Feb-98

Weapon System Cost Elements	Ident. Code	FY96 Unit Cost	QTY 0 Tot. Cost	FY97 Unit Cost	Qty 0 Tot. Cost	FY98 Unit Cost	Qty 0 Tot. Cost	FY99 Unit Cost	Qty 0 Tot. Cost
Airframes/CFE	A	NA	1.7	NA	4.9	NA	11.5		
A/V 1 UPGRADE		NA	462.3	NA	0.0	NA	0.0		
MSIP						NA	149.2		
ENGINE/ACCESSORIES	A	NA	0.0	NA	0.0	NA	0.0		
(Eng Model) F118-GE-100									
AVIONICS									
A. CFE	A	NA	0.0	NA	0.0	NA	0.0		
WEAPON DELIVERY SYSTEM	A	NA	6.2	NA	8.5	NA	0.1		
OTHER GFE	A	NA	0.0	NA	0.0	NA	0.0		
ECO (All Flyaway Components)		NA	0.0	NA	1.1	NA	4.9		
NON-RECURRING COSTS									
(Tooling)		NA	0.0	NA	0.0	NA	0.0		
(Other)		NA	25.3	NA	21.7	NA	20.2		
Subtotal FLYAWAY COST			495.5	NA	36.2	NA	185.9		
AIRFRAME PGSE	A	NA	58.4	NA	24.4	NA	16.8		
ENGINE PGSE	A	NA	2.1	NA	0.0	NA	0.0		
PECULIAR TRAINING EQUIPMENT	A	NA	55.5	NA	4.1	NA	8.6		
PUBLICATIONS/TECH. DATA	A	NA	16.7	NA	0.7	N A	5.7		
ICS	A	NA	21.6	NA	1.2	NA	44.9		
SNV INVESTMENT	A	NA	72.3	NA	0.3	NA	31.9		
PROG. MGMT. ADM. RQMTS (PMAR)		NA	12.0	NA	10.8	NA	12.3		
OTHER	A	NA	6.5	NA	8.1	NA	17.3		
Subtotal SUPPORT COST		NA	245.1	NA	49.6	NA	137.5		
GROSS P-I END COST		NA	740.6	NA	85.8	NA	323.4		
LESS: PRIOR YR ADV. PROC			0.0		0.0		0.0		
NET P-I FULL FUNDING COST (BP10)		**NA**	740.6	**NA**	85.8	**NA**	323.4		
Plus Current Year ADV, PROC.			0.0		0.0		0.0		
Other Non P-I Weapon System Costs									
Spares (Initial & MRSP)(BP16)	A	NA	90.2	NA	12.8	NA	13.2		
Mods (BP1 1)	A	NA	20.6	NA	9.4	NA	13.5		
Indust Base Preserv (BP 14BCAP)	A	NA	0.0	NA	0.0	NA	0.0		
Facilities (BP14; PE 78011 F))	A	NA	5.1	NA	1.0	NA	0.0		
TOTAL		**NA**	856.5	**NA**	**109.0**	**NA**	**350.1**		

The program transitions form aircraft procurement (BP-101 to post production support (BP-131 funds in FY99.	'-1 SHOPPING LIST ITEM NO.	PAGE NO.	Exhibit P-5

BUDGET PROCUREMENT HISTORY AND PLANNING EXHIBIT (P-5A) FY99 Amended Budget Estimate Submission				A. DATE Feb-98						
B. Appropriation/Budget Activity Aircraft Procurement/BAOI , Combat Aircraft			C. P-I Item Nomenclature B-2							
Cost Elements Fiscal Year	Contractor and Location	Contract Method & Type	Contracted By	Award Date	Date of First Delivery	Quantity	Unit Cost ($M)	Specs Available Now	Specs REV REQ'D	If Yes, when Available
AIR VEHICLE										
FY98	Northrop Grumman/MASD Pico Rivera, CA	Fixed Price/Incentive Fee (FPIF)	Air Force Material Command	1984	Des-93	15	$1,195*	Yes	No	

D. REMARKS:
Unit cost includes Weapon System Cost (WSC) + Initial Spares + Mission Readiness Spares Package

FY99 PB **Acquisition Logistics and Operations & Support Funding for Selected Weapon Systems**

Weapon System: B-2 | Date: Feb-98 | PE 11 127F 64240F

	FY 96/P	FY97	FY98	FY99	FYOO	FY01	FY02	FY03	TC	Total
4. General Program Data										
Procurement Qty										
Cum Oper Invent (w/ EMD Refurb)	9	13	16	17	21	21	21	21		21
No. of Operating Units										
OPTEMPO										
(Flying Hrs or Miles per month)	3971.4	2745.0	3172.0	4410.0	5917.0	6592.0	6720.0	6848.0	150656.0	191031.4
Readiness Objective										
Intermediate Level										
Stand-Up date										
Depot Level Stand-Up Date										
B. Acquisition Logistics Resources										
Initial Spares	897.4	12.8	13.2	55.5	35.4	19.4	6.9	2.4		1043.0
MRSP	73.3	0.0	0.0							73.3
Field Level Common Spt Equip										
Proc	14.1	0.5	0.5	0.0	0.5	0.5	0.5	0.5		17.1
Field Level Peculiar Spt Equip										
RDT&E	524.9	14.6	7.1	5.0	4.5					556.1
Proc	297.8	11.9	4.5	0.0	1.0	5.4	4.3	2.1	2.0	329.0
Depot Level Support Equip/Software										
RDT&E	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Proc - Equip	311.8	9.7	12.8	10.9	1.3	0.6	0.0	0.0	0.0	347.1
Proc - Software Investment	400.2	0.3	31.9	77.6	13.3	5.3	0.0	0.0	0.0	528.6
PDM Plan	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Technical Data/Manuals										
RDT&E	293.4	2.9	1.4	1.0	0.9	0.0	0.0	0.0	0.0	299.6
Proc	325.8	0.7	5.7	5.9	1.5	0.1	0.0	0.0	0.0	339.1
Training Services and Training Equip										
RDT&E	886.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	886.7
Proc	483.7	4.1	8.6	3.7	0.0	0.0	0.0	0.0	0.0	500.1

'he program transitions form aircraft procurement (BP-lo) to post production support (BP-13) funds in FY99.

P-I SHOPPING LIST ITEM NO. | PAGE NO.

Exhibit P-5

FY99 PB	Acquisition Logistics and Operations & Support Funding for Selected Weapon Systems		
Weapon System: B-2	Date: Fe b-98	PE 11127F 64240F	

	FY96/P	FY97	FY98	FY99	FYOO	FY01	FY02	FY03	TC	Total
C. Operations and Support										
Manpower (Nos.)										
Military										
Officer		270	219							NA
Enlisted		1469	1381							NA
Civilian		29	30							NA
Cost ($)										
Fuel	6.5	4.5	7.5							18.5
Consumables (3400)	64.9	0.0	10.9							75.8
Reparables (3400)	17.9	0.0	24.1							42.0
Sustaining Eng Spt (3400)	55.3	52.6	45.4							153.3
Interim Contractor Spt (3010)	157.3	1.2	44.9							203.4

he program transitions form aircraft rocurement (BP-IO) to post production support (BP-13) funds in FY99.	P-I SHOPPING LIST ITEM NO.	PAGE NO.	Exhibit P-E Page 2 of 2

UNCLASSIFIED

FY99 PB PRODUCTION SCHEDULE | P-I ITEM NOMENCLATURE B-2 | DATE JAN 1998

ITEM/MANUFACTURER/ PROCUREMENTYEAR	SERV	PROC. QTY	ACCEP PRIOR TO 1 OCT 1993	BAL DUE AS OF 1 OCT 1993	FISCAL YR 94 CALENDAR YR 94 OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	FISCAL YR 95 CALENDAR YR 95 JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	FISCAL YR 96 CALENDAR YR 96 JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	LATER
B-2	AF																																							
Northrop Grumman Corp																																								
(Airframe)																																								
FY 91/P	AF	10	0	10			1								2		1				1					1					1			1							n
FY 92	AF	1	0	1																																				0
FY 93	AF	4	0	4																															1				1	2
General Electric Corp																																								
(Engines)																																								
FY 91/P	AF	40	371	3		2	1																																0
FY 92	AF	4	0	4																																				0
FY 93	AF	16	0	16								1	1	1		1			1	3		1	1		1	1		1			1	1	1							0
Spares	AF	14	0	14																															1		1	1	1	1	1	8
Boeing Military A/P																																								
(Weapon Delivery System)																																								
FY 91/P	AF	50	38	12					1	1	2	2	2	2	2																									0

MANUFACTURER'S NAME AND LOCATION	PRODUCTION RATES MINIMUM SUST.	I-6-5	MAX	RC HD D+	PROCUREMENT LEAD TIME ADMIN LEAD TIME PRIOR 1 OCT	PRIOR 1 OCT	MFG TIME	TOTAL AFTER 1 OCT
Northrop Grumman Corporation								
B-2 Division	SEE NOTE							
Pico Rivera, CA				INIT				
				RECORDER				

REMARKS: Delivery dates reflect actual deliveries or contractual requirements. Actual engine deliveries were adjusted to reflect DD250 dates. Deliveries are for install engines and AARL's only. Spares are not included.

UNCLASSIFIED

FY99 PB PRODUCTION SCHEDULE | P-I ITEM NOMENCLATURE B-2 | DATE JAN 1998

ITEM/MANUFACTURER/ PROCUREMENTYEAR	SERV	PROC QTY	ACCEP PRIOR TO 1 OCT 1998	BAL DUE AS OF 1 OCT 19	FISCAL YR 97 (CALENDAR YR 97)														FISCAL YR 98 (CALENDAR YR 98)												FISCAL YR 99 (CALENDAR YR 99)									LA ER
					OCT 96	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
B-2	AF																																						
Northrop Grumman Corp																																							
(Airframe)																																							
FY 91/P	AF	10	10	0																																			0
FY 92	AF	1	1	0																																			0
FY 93	AF	4	2	2												1												1											0
General Electric Corp																																							
(Engines)																																							
FY 91/P	AF	40	40	0																																			0
FY 92	AF	4	4	0																																			0
FY 93	AF	16	16	0																																			0
Spares	AF	14	6	8	1					1					1					1					1					1						1				0
Boeing Military A/P																																							
(Weapon Delivery System)																																							
FY 91/P	AF	50	50	0																																			0

	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	

MANUFACTURER'S NAME AND LOCATION	PRODUCTION RATES MINIMUM SUST.	1-8-5	MAX	RC HD D+
Northrop Grumman Corporation				
B-2 Division	SEE NOTE			
Pico Rivera, CA				

PROCUREMENT LEAD TIME	ADMIN LEAD TIME PRIOR 1 OCT	ADMIN LEAD TIME PRIOR 1 OCT		MFG TIME	TOTAL AFTER 1 OCT
INIT					
RECORDER					

REMARKS: Delivery dates reflect actual deliveries or contractual requirements. Actual engine deliveries were adjusted to reflect DD250 dates. Deliveries are for install engines and AARL's only. Spares are not included.

UNCLASSIFIED

P-1 SHOPPING LIST ITEM NO.

FY99 PB	SIMULATOR AND TRAINING DEVICE JUSTIFICATION ($ M)	DATE Feb-98

APPROPRIATION/P-I Line Item: Aircraft Procurement, Combat Aircraft. BA01	Weapon System: B-2	Equipment Nomenclature: Aircrew & Maintenance Trainers	PE 11127F & 64240F

Fin Plan	FY96/Prior	FY97	FY98	FY99	FYOO	FY01	FY02	FY03	TC	Total
Quantity	59									59
Proc	483.7	4.1	8.6							496.4
RDT&E	886.5	0.2	0.0							886.7
O&S	29.2	7.4	10.2							46.8

Training System Description

The training system consists of training equipment hardware, software, and courseware, training missions and classroom academic materials. The maintenance training began in May 1993. Aircrew training began in Jan 94. The maintenance trainers consist of the Computerized Maintenance Training System, Weapon System Training Aid, and the Crew Escape System Maintenance Trainer. The Cockpit Procedures Trainer, Weapon System Trainer, and the Mission Trainer are aircrew trainers and the Weapon Loading Trainer is an armament loading trainer. The Training Support Center, System Support Center and Training Library are support devices for the above listed trainers. FY98 procurement funds pay for post-Block 30 correction of deficiencies, flight performance updates, concurrency changes, and non-recurring efforts for engineering changes, testing and hardware/software integration.

The program transitions form aircraft procurement (BP-IO) to post production support (BP-13) funds in FY99.

FY99 PB SIMULATOR AND TRAINING DEVICE JUSTIFICATION ($ M)											DATE Fe b-98	
APPROPRIATION/P-1 Line Item: Aircraft Procurement, Combat Aircraft, BA01			Weapon System: B-2		IOC Initial RFT: 1211 /1 993		Equipment Nomenclature: Aircrew & Maint Trainers				PE 11127F & 64240F	
TRAINING DEVICE BY TYPE	SITE	DELIVERY DATE	READY FOR TRAINING DATE	AVG STUDENT THROUGHPUT	PRIOR YEARS		FY97		FY98		FY99	
					QTY	COST	QTY	COST	QTY	COST	QTY	COST
MAINTENANCE	WAFB, MO	APR 93	MAY 93	575	54	179.2		0.5		0.0		
AIRCREW	WAFB, MO				5	304.5		3.6		8.6		
BLOCK 10	"	SEP 93	JAN 94			78.5						
BLOCK 20	"	FEB 96	MAY 96			139.5						
BLOCK 30	"	MAY 97	JUL 97			86.5		3.6		8.6		
TOTAL					**59**	483.7		4.1		8.6		

The program transitions form aircraft procurement (BP-10) to post production support (BP-13) funds in FY99.	P-I SHOPPING LIST ITEM NO.	PAGE NO.	Exhibit P-4:3 *Page 2 of 4*

FY99 PB	SIMULATOR AND TRAINING DEVICE JUSTIFICATION ($ M)	DATE Fe b-98
Training Device by Type: AIRCREW TRAINERS	Weapon System: B-2	

Description/Justification:
Contains 3 Weapon System Trainers (WST) and 2 Mission Trainers (MT) needed to conduct aircrew training of the B-2.
Also contains funding for block updates to maintain concurrency with the air vehicle.

	Prior Years		FY97		FY98		FY99		To Complete		Total Costs	
FINANCIAL PLAN	Q N	COST	Q N	COST	Q N	COST	Q N	COST	Q N	COST	Q N	COST
HARDWARE COSTS												
Device	5	*240.1*									*5*	*240.1*
ECO		*6.0*										*6.0*
Nonrecurring		*26.8*		*3.6*		*8.6*						*39.0*
GFE												
Other (Fee)		*24.6*		0.0								*24.6*
Total Hardware Costs		297.5		*3.6*		*8.6*						*309.7*
SUPPORT COSTS												
Special SE												
ILS		*7.0*										*7.0*
Other												
Total Support Costs		*7.0*										*7.0*
Software/Courseware												
TOTAL COSTS		*304.5*		*3.6*		*8.6*						*316.7*

P-I SHOPPING LIST ITEM NO.	PAGE NO.	Exhibit P-43 *Page 3 of 4*

FY99 PB	SIMULATOR AND TRAINING DEVICE JUSTIFICATION ($ M)	DATE Feb-98
Training Device by Type: MAINTENANCE TRAINERS	Weapon System: B-2	

Description/Justification:
Contains all necessary equipment for maintenance training equipment as well as future block updates to maintain concurrency with the air vehicle.

	Prior Years		FY97		FY98		FY99		To Complete		Total Costs	
FINANCIAL PLAN	QTY	COST	QTY	COST	QTY	COST	QTY	COST	QTY	COST	QTY	COST
HARDWARE COSTS												
Device	54	134.5		0.5		0.0					54	135.0
ECO												
Nonrecurring												
GFE												
Other (Fee)												
Total Hardware Costs		134.5		0.5		0.0						135.0
SUPPORT COSTS												
Special SE												
LS		30.6										30.6
Other												
Total Support Costs		30.6										30.6
Software/Courseware		14.1		0.0		0.0						14.1
TOTAL COSTS		179.2		0.5		0.0						179.7

	P-I SHOPPING LIST ITEM NO.	PAGE NO.	Exhibit P-43

Exhibit P-40, Budget Item Justification					Date: Feb 98						
Appropriation/Budget Activity Aircraft Procurement/BA01 , Combat Aircraft					P-l Line Item Nomenclature F-22 Advanced Tactical Fiahter (PE-0207219F)						
	Prior Years	ID Code	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	To Comp	Total
Qtv	N/A	A	0	0	2	6	10	16	24	281	339
Cost (In Millions)	N/A		0	0	595.1	1226.0	1936.9	2603.5	3113.2	25645.2	35119.8
Initial Spares (in M)	N/A		0	0	25.6	35.2	62.5	96.1	133.1	2138.5	2491 .o
Total	N/A		0	0	620.7	1261.2	1999.4	2699.6	3246.3	27783.7	37610.8
Unit Cost	N/A		0	0	310.3	210.2	199.9	168.7	135.3	98.9	110.9

Mission and Description:

The F-22 program is developing the next generation multi-mission air superiority fighter for introduction in the early 2000's to counter emerging proliferation worldwide threats. The F-22 is designed to penetrate enemy airspace and achieve a first look, first-kill capability against multiple targets. The F-22 is characterized by a low-observable highly maneuverable airframe, advanced integrated avionics, and a new engine capable of supersonic cruise without the use of afterburner. A total of 339 F-22 aircraft will be produced.

FY99 Program Justification:

Procures the first 2 Low Rate Initial Production (LRIP) aircraft and associated support.

Exhibit P-5 Cost Analysis (Page 1)	Weapon System F-22 Advanced Tactical Fighter		Date: Feb-98						
Appropriation (Treasury)Code/CC/BA/BSA/Item Aircraft Procurement/AF/BA01 Combat Aircraft	Control Number	D Code 4	P-l Line Item Nomenclature F-22 Advanced Tactical Fighter						
WBS COST ELEMENTS (Tailor to System/Item Rqmts)	ID Code	PYs Total cost			FY97 Unit cost	FY97 Total cost	FY98 Unit cost	FY98 Total cost	FY99 Unit cost	FY99 Total cost
Quantity										2
Airframe&FE									***142.:***	***284.E***
Engine/Accessories									24.9	***49.i***
Avionics									50.8	101.5
Armament										
Nonrecurring Costs									41.5	***83.0***
Subtotal Flyaway		0			0	0	0	0	259.4	***518.8***
Air Vehicle PGSE										***32.4***
Engine PGSE										***14.7***
Avionics PGSE										
Peculiar Training Equipment										
Publications/Tech. Data										
ECO										***78.1***
Other										***24.1***
Program Management Admin										
Subtotal Support Costs		0				0		0		149.3
Gross P-l Cost										***668.1***
Less: Prior Year Adv Proc										***73.c***
Net P-l Cost										595.1

EXHIBIT P-5

Exhibit P-5a, Procurement History and Planning				Weapon System F-22 Advanced Tactical Fighter				Date: Feb-98		
Appropriation/Budget Activity Aircraft Procurement/BA01, Combat Aircraft						P-l Line Item Nomenclature F-22 Advanced Tactical Fighter				
COST ELEMENTS Fiscal Year	Contractor and Location	Contract Method and Type	Contracted by	Award Date	Date of First Delivery	Quantity	Unit cost	Specs Avail Now?	Specs REV Req'd	If yes, when Avail
AIRFRAME										
FY99	Lockheed Martin	FFP	ASCNF	Jun-98	Nov-01	2	193.1	N/A		
PROPULSION										
FY99	Pratt & Whitney	FFP	ASCNF	Jun-98	Mar-O 1	4	12.4	N/A		

EXHIBIT P-5A

Exhibit P-21, Production Schedule		Date: Feb 98
Appropriation (Treas) Code/CC/BA/BSA/Item Control No	Weapon System	P-I Line Item Nomenclature
3010/10F022	F-22 Advanced Tac Ft	F-22 Advanced Tactical Fighter

		PRODUCTION RATE			PROCUREMENT LEADTIMES					
Item	Manufacturer's Name and Location	MSR	'1-8-5	MAX	ALT Prior to 'Oct 1	ALT After Oct 1	Initial Mfg PLT	Reorder FG PLT	Total	Unit of Measure
List each end item	Lockheed Martin Corp	TBD	TBD	TBD	N/A	TBD	41*	N/A	TBD	month*
	Marietta, GA 30063-0000									

Description: *Initial Mfg PLT reflects Advanced Procurement. It is the number of months from Lot 1 Long Lead Award (Jun 98) until the delivery of first production aircraft (Nov 01).

	Fiscal Year 97																Fiscal Year 98											
	Calendar Year 97																Calendar Year 98											
ITEM	FY	SVC	QTY	DEL	BAL	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	BAL
F-22 ATF	99	F	2	0	2																									2
	00	F	6	0	6																									6
	01	F	10	0	10																									10

	Fiscal Year 99																Fiscal Year 00											
	Calendar Year 99																Calendar Year 00											
ITEM	FY	SVC	QTY	DEL	BAL	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	BAL
F-22 ATF	99	F	2	0	2																									2
	00	F	6	0	6																									6
	01	F	10	0	10																									10

REMARKS: Use continuation pages as necessary to complete all procurements. If only one component or item is being delivered, show deliveries on one page.

Exhibit P-21, Production Schedule — Date: Feb 98

Appropriation (Treas) Code/CC/BA/BSA/Item Control No	Weapon System	IP-1 Line Item Nomenclature
3010/1 QF022	F-22 Advanced Tac Ft	F-22 Advanced Tactical Fighter

		PRODUCTION RATE			PROCUREMENT LEADTIMES					
Item	Manufacturer's Name and Location	MSR	'1-8-5	MAX	ALT Prior to 'Oct 1	ALT After Oct 1	Initial Mfg PLT	Reorder FG PLT	Total	Unit of Measure
List each end item	Lockheed Martin Corp	TBD	TBD	TBD	N/A	TBD	41*	N/A	TBD	month*
	Marietta, GA 30063-0000									

Description: *Initial Mfg PLT reflects Advanced Procurement. It is the number of months from Lot 1 Long Lead Award (Jun 98) until the delivery of first production aircraft (Nov 01).

		Fiscal Year 01																		Fiscal Year 02									
		Calendar Year 01																		Calendar Year 02									
ITEM	FY	SVC	QTY	DEL	BAL	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	BAL
F-22 ATF	99	F	2	0	2														1		1									0
	00	F	6	0	6																		1		1		1		1	2

		Fiscal Year 03																
		Calendar Year 03																
ITEM	FY	SVC	QTY	DEL	BAL	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	BAL
F-22 ATF	00	F	6	4	2	1		1										0
	01	F	10	0	10					1	1	1	1	1	1	1	1	2

REMARKS: Use continuation pages as necessary to complete all procurements. If only one component or item is being delivered, show deliveries on one page.

Exhibit P-40, Budget Item Justification							Date: Feb 98				
Appropriation/Budget Activity Aircraft Procurement (Advance Buy) /BA01, Combat Aircraft							P-l Line - Advance Buy F-22 Advanced Tactical Fighter (PE-0207219F)				
	Prior Years	ID Code	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	To Comp	Total
Qty	N/A										
Cost (in Millions)	N/A		7.5	73.2	190.2	277.1	396.2	379.2	985.6	2191.2	4500.2

Mission and Description:

The F-22 program is developing the next generation multi-mission air superiority fighter for introduction in the early 2000's to counter emerging proliferation worldwide threats. The F-22 is designed to penetrate enemy airspace and achieve a first look, first-kill capability against multiple targets. The F-22 is characterized by a low-observable highly maneuverable airframe, advanced integrated avionics, and a new engine capable of supersonic cruise without the use of afterburner. A total of 339 F-22 aircraft will be produced.

FY99 Program Justification:

FY99 Advance Buy supports 6 aircraft buy in FYOO and DMS for Lots 2-5. DMS includes part purchase and redesign activities. DMS is an abreviation for Diminishing Manufacturing Sources (out of production parts).

NOTE:
$1.496M of FY98 funds is pending reprogramming to fund higher priorities

Exhibit P-IO, Advance Procurement Requirements Analysis (PROCUREMENT OF ADVANCE DESIGN AND MATERIAL) (TOA, Dollars In Millions)			Budget Year For Fiscal Year Program for FY99 Date: Feb 98			
Weapon system Type (Model/Series No.) F-22 Advanced Tactical Fighter		First System Award Date Dee-98	First System Completion Date Nov-01	Interval Between System Compilations (Months) I-2		
(TOA, $ in Millions)						
Advance Procurement/Advance Funding Items	Quantity	Date Contract Awd Planned/Required	Delivery Date of First Equip Req'd/Actual cost	Production Lead Time In Months Total Req'd (Adm/Prod) Actual	Unit cost ($M)	Total Cost ($M)
DMS Redesign and parts for Airframe*	0	Jun-98	Nov-0 1	41 months	n/a	0.5
CFE for Airframe	2	Jun-98	Nov-01	41 months	35.4	72.2
CFE for Engines	2	Jun-98	Mar-01	33 months	0.25	0.5
Total Advance Proc						73.2

Description:

*DMS is abbreviation for Diminishing Manufacturing Sources (out of production parts).

First System Award Date reflects contract award date for Lot 1.
Interval Between System Compilation reflects deliveries for systems purchased using FY99, FYOO and FY01 funding.

Budget reflects advanced procurement requirements for two Lot 1 aircraft in FY99. Additionally, DMS for Lots I-5 are included here.
are included here. $1.6M of DMS for redesign to be reprogrammed from 3600 to reinstate original requirement for DMS parts.

Exhibit P-10, Advance Procurement Requirements Analysis (PROCUREMENT OF ADVANCE DESIGN AND MATERIAL) (TOA, Dollars In Millions)			Budget Year For Fiscal Year Program FY99 for FYOO Date: Feb 98			
Weapon system Type (Model/Series No.) F-22 Advanced Tactical Fighter		First System Award Date Dee-98	First System Completion Date Nov-01	Interval Between System Compilations (Months) I-2		
		(TOA, $ in Millions)				
Advance Procurement/Advance Funding Items	Quantity	Date Contract Awd Planned/Required	Delivery Date of First Equip Req'd/Actual cost	Production Lead Time In Months Total Req'd (Adm/Prod) Actual	Unit cost ($M)	Total Cost ($M)
DMS Redesign and parts for Airframe*	0	Dee-98	Mar-02	39 months	n/a	20.2
CFE for Airframe	6	Dee-98	Mar-02	39 months	28.1	168.5
CFE for Engines	6	Dee-98	Feb-01	26 months	0.2	1.2
Total Advance Proc						190.2

Description:

- DMS is abbreviation for Diminishing Manufacturing Sources (out of production parts)

First System Award Date reflects contract award date for Lot 1.
Interval Between System Compilation reflects deliveries for systems purchased using FY99, FYOO and FY01 funding.

Budget reflects advanced procurement requirements for six Lot 2 aircraft in FYOO. Additionally, DMS for Lots 2-5 (include part purchase and new redesign activities) are included here.

UNCLASSIFIED

BUDGET ITEM JUSTIFICATION SHEET	Date: Feb 98
APPROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT/BAO 1, COMBAT AIRCRAFT	P-l ITEM NOMENCLATURE F-15E DUAL ROLE FIGHTER

	FY96/P	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	To Complete	Total
QUANTITY	1089	6	5	0	0	0	0	0	0	1100
COST (IN millions)	23980.1	247.0	232.0	0	0	0	0	0	0	24459.1
Initial Spares (in M)	1843.6									1843.6
Total (in Millions)	25823.7	247.0	232.0	0						26302.7
Unit Cost (in M)	23.9									23.9

MISSION AND DESCRIPTION:

The F-l 5E dual role fighter retains the basic air-to-air capability of the F-l 5 A-D tactical fighter and adds the systems necessary to meet the urgent requirement for all weather deep penetration and night/under-the-weather air-to-surface attack. It is a two seat aircraft configured with missionized cockpits, low altitude navigation, targeting, and infrared for night (LANTIRN) capability; automatic terrain following/terrain avoidance radar; and other improvements necessary to fulfill the deep penetration and night-under-the-weather air-to-air surface attack mission. Configured with conformal fuel tanks (CFTs), the F-l 5E can deploy worldwide with minimal tanker support and arrive combat ready.

FY98/99 PROGRAM JUSTIFICATION:

Aircraft procurement is required to replace fleetwide attrition of F-15E aircraft.

UNCLASSIFIED

AIRCRAFT COST ANALYSIS EXHIBIT P-5 (Dollars in Millions)	A. Appn/Budget Activity Title/No. Aircraft Proc AF/BA01 Combat Acft		B. Popular Name F-15E Eagle		C. Manufacturer Boeing		D. Date Feb-98
	FY97 Unit Cost	QTY 6 Total Cost	FY98 Unit Cost	QTY 5 Total Cost	FY99 Unit Cost	QTY Total Cost	
AIRFRAME/CFE	33.3	200.0	35.3	176.4			
ENGINE/ACCESSORIES	8.5	51.2	9.0	44.9			
AVIONICS: CFE/GFE	2.0	11.8	2.9	14.7			
ARMAMENT							
OTHER GFE							
ECO	0.7	4.1	0.2	1.0			
NON-RECURRING COSTS							
OTHER COSTS							
'ROGRAM MGT ADMIN REQMTS							
Subtotal FLYAWAY COSTS	44.5	267.1	47.4	237.0			
AIRFRAME PGSE							
ENGINE PGSE							
AVIONICS PGSE							
PECULIAR TRAINING EQUIPMENT							
PUBLICATIONS/TECH. DATA							
OTHER COSTS		9.5		13.9			
Subtotal SUPPORT COST		9.5		13.9			
ADVANCE BUY		18.9					
GROSS P-1 COST		295.5		250.9			
!0 LESS: Prior Yr Adv. Proc		-48.5		-18.9			
!1 NET P-1 COST		247.0		232.0			

Avionics: CFE/GFE" category includes two major items LANTIRN and TEWS.

BUDGET PROCUREMENT HISTORY AND PLANNING EXHIBIT (P-5A)								A. DATE Feb-98		
B. APPROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT,AF/BA01/COMBAT AIRCRAFT				C. P-I ITEM NOMENCLATURE F-I 5E						
COST ELEMENT/ FISCAL YEAR	CONTRACTOR AND LOCATION	CONTRACT METHOD & TYPE	CONTRACTED BY	AWARD DATE	DATE OF FIRST DELIVERY	QTY	UNIT COST	SPECS AVAIL NOW	SPEC REVIS REQ'D	IF YES, WHEN AVAIL
AIR VEHICLE										
FY97	Boeing	FFP	ASC/FBK	FEB 97	APR 99	6	33.3	YES	YES	ONGOING
FY98	Boeing	FFP	ASCIFBK	FEB98	SEP99	5	35.3	YES	YES	ONGOING
PROPULSION										
FY97	Pratt & Whitney	C/OPTION	ASC/VFK	APR97	OCT98	12	8.5	YES	YES	ONGOING
FY98	Pratt & Whitney	C/OPTION	ASC/VFK	FEB98	DEC98	10	9.0	YES	YES	ONGOING
ALQ-135										
FY97	Northrop	FFP	ASCIFBK	JAN97		6	1.6	YES	YES	ONGOING
FY98	Northrop	FFP	ASC/FBK	DEC97		5	1.7	YES	YES	ONGOING

EXHIBIT P-5A

UNCLASSIFIED

BUDGET PRODUCTION SCHEDULE | P-1 ITEM NOMENCLATURE: F-15E AIRFRAME | DATE FEB 98

ITEM/MANUFACTURER/ PROCUREMENT YEAR	SERV	PROC QTY	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	FISCAL YR 96 CALENDAR YR Y6												FISCAL YR 97 CALENDAR YR 97												FISCAL YR 98 CALENDAR YR 98												LATER
					OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
FY 1997 BUY	AF	6	0	6																																				6
FY 1998 BUY	AF	5	0	5																																				5
PEACE SUN IX		72	0	72	1	2	1		3		2			2	1		1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	23
PEACE FOX VI		25	0	25																									1	2	1	1	2	2	2	2	2	2	2	6

MANUFACTURER'S NAME AND LOCATION	PRODUCTION RATES MINIMUM SUST	1-8-5	MAX	RC HD D+
BOEING	1	4	5	3 3
P.O. BOX 516				
ST LOUIS, MO 63316				

PROCUREMENT LEAD TIME

INIT RECORDER	ADMIN LEAD TIME PRIOR 1 OCT	ADMIN LEAD TIME AFTER 1 OCT	MFG TIME	TOTAL AFTER 1 OCT
	2MOS		28MOS	30MOS

REMARKS

FY97 AND FY98 USAF BUYS ARE FOR ATTRITION RESERVE AIRCRAFT

P-1 SHOPPING LIST ITEM NO

BUDGET PRODUCTION SCHEDULE	P-1 ITEM NOMENCLATURE F-15E AIRFRAME	DATE FEB 98

ITEM/MANUFACTURER/ PROCUREMENT YEAR	SERV	PROC QTY	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	FISCAL YR 99 CALENDAR YR 99												FISCAL YR 00 CALENDAR YR 00												FISCAL YR 01 CALENDAR YR 01												LATER
					OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
FY 1997 BUY	AF	6	0	6							1	2	2	1																										0
FY 1998 BUY	AF	5	0	5												2	2	1																							
PEACE SUN IX		72	49	23	3	2	2	2	2	2	2	2	2	2	2																									
PEACE FOX VI		25	19	6	2	1	2	1																																

MANUFACTURER'S NAME AND LOCATION	PRODUCTION RATES MINIMUM SUST	I-S-5	MAX	RC HD Dt
BOEING		4	5	33
P.O. BOX 516				
ST LOUIS, MO 63316				

PROCUREMENT LEAD TIME	ADMIN LEAD TIME PRIOR TO 1 OCT	ADMIN LEAD TIME POST 1 OCT	MFG TIME	TOTAL AFTER 1 OCT
INIT	2MOS		28 MOS	30MOS
RECORDER				

REMARKS

FY97 AND FY98 USAF BUYS ARE FOR ATTRITION RESERVE AIRCRAFT

P-I SHOPPING LIST ITEM NO

EXHIBIT P-40

BUDGET ITEM JUSTIFICATION SHEET	Date: Feb 98
APPROPRIATION/BUDGET ACTIVITY	P-l ITEM NOMENCLATURE
AIRCRAFT PROCUREMENT/BA0 1. COMBAT AIRCRAFT	F- 16 PROCUREMENT

	FY 96/Prior	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	Total
QUANTITY	2207	6	3						2216
COST ($ Millions)	32412.4	154.3	80.7						32647.4
Initial Spares ($ Millions)	2874.5								2874.5
Total ($ Millions)	35258.7	154.3	80.7						35493.7
Unit Cost ($ Millions)	16.0	25.7	26.9						16.0

MISSION AND DESCRIPTION:

The F-l 6 Multimission Fighter is a single seat, fixed wing, high performance, single engine fighter aircraft. The design, optimized for 0.8 Mach speed range, incorporated advanced technology features to enhance its combat capability while minimizing its acquisition, operating, and support costs. The advanced technology features include a high visibility, high "g" cockpit. The F- 16 armament consists of 20mm cannon, air-to-surface and air-to-air missiles, and approximately 11,000 pounds of conventional and guided air-to-surface ordinance. The F- 16 will replace the F-4s in the active inventory as well as modernize the reserve forces.

NOTES:

1. FY96 through FY03 funding requirements for Post Production support are addressed in BP 13.
2. FY97 through FY98 attrition reserve aircraft have been congressional plus-ups.
3. FY99 through FY02 attrition reserve aircraft have not been submitted in the 00 POM.

FY99 PROGRAM JUSTIFICATION:

N/A

AIRCRAFT COST ANALYSIS EXHIBIT P-5 (Dollars in Millions) FY99 PB	A. Appn/Budget Activity Title/No. Aircraft Proc AF/BA01 Combat Acft	B. Popular Name F-16 Fighting Falcon		C. Manufacturer Lockheed Ft Worth Co. Ft Worth, TX		D. Date Feb-98	
		FY97	QTY 6	FY98	QTY 3	FY99	QTY (
		Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost
AIRFRAME/CFE		12.7	76.1	12.1	36.4		
ENGINE/ACCESSORIES		4.2	25.2	5.4	16.3		
AVIONICS: CFE/GFE		2.9	17.3	4.8	14.5		
ARMAMENT		1.4	8.3	0.0	0.0		
OTHER GFE		1.6	9.3	1.7	5.1		
ECO		0.4	2.3	0.3	0.8		
NON-RECURRING COSTS		0.6	3.6	1.5	4.6		
OTHER COSTS		1.2	7.4	0.0	0.0		
Subtotal FLYAWAY COSTS		24.9	149.5	25.9	77.7		
AIRFRAME PGSE		0.0	0.0	0.0	0.0		
ENGINE PGSE		0.0	0.0	0.0	0.0		
AVIONICS PGSE		0.0	0.0	0.0	0.0		
PECULIAR TRAINING EQUIPMENT		0.2	1.2	0.3	0.8		
PUBLICATIONS/TECH. DATA		0.6	3.6	0.7	2.2		
ECO (SUPPORT ITEMS)		0.0	0.0	0.0	0.0		
OTHER (CFTs)		0.0	0.0	0.0	0.0		
c s		0.0	0.0	0.0	0.0		
CSE		0.0	0.0	0.0	0.0		
Subtotal SUPPORT COST		0.8	4.8	1.0	3.0	0.0	0.0
GROSS P-1 COST		25.7	154.3	26.9	80.7	0.0	0.0
0 LESS: Prior Yr Adv. Proc		0.0	0.0	0.0	0.0	0.0	0.0
21 NET P-1 COST		25.7	154.3	26.9	80.7	0.0	0.0

EXHIBIT P-5

BUDGET PROCUREMENT HISTORY AND PLANNING EXHIBIT (P-5A)

A. DATE

F'Y99 President's Budget

Fe b-98

Bl. Appropriation/Budget Activity

Aircraft Procurement/BA01, Combat Aircraft

C. P-l Item Nomenclature

F-16

Cost Elements / iscal Year	Contractor and Location	Contract Method & Type	Contracted By	Award Date	Date of First Delivery	Quantity	Unit Cost ($M)	specs Available Now	Specs REV REQ'D	If Yes, when Available
AIRFRAME										
Y97	Lockheed, Ft Worth, TX	FFP	ASCNP	Jun-97	Jan-00	6	12.7	Yes	No	
Y98	Lockheed, Ft Worth, TX	FFP	ASCNP	Mar-98	Jan-O l	3	12.1	Yes	No	
PROPULSION										
'Y97	GE	SS FP	ASC/LP	Jun-97	Jul-98	6	4.2	Yes	No	
Y98	GE	SS FP	ASCILP	Mar-98	Mar-99	3	5.4	Yes	No	

). REMARKS:

FY99 PB | P-1 ITEM NOMENCLATURE: F-16 AIRFRAME | DATE: Feb-98

ITEM/MANUFACTURER/ PROCUREMENT YEAR	SERV	PROC. QTY	ACCEP PRIOR TO 1 OCT 1995	BAL DUE AS OF 1 OCT 1995	FISCAL YR 96												FISCAL YR 97									LATER
					CALENDAR YR 96												CALENDAR YR 97									
					OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
USAF 1994 BUY	AF	12	0	12									2	1	2	3		1	1	1	1							0
USAF 1996 BUY	AF	6	0	6																								6
USAF 1997 BUY	AF	6	0	6																								6
USAF 1998 BUY	AF	3	0	3																								3
Thailand		18	9	9	2	2	1	4																				0
Taiwan		150	0	150							1			1		0	2	2	3	4	4	4	4	4	4	4	4	105
Greece		40	0	40																		2	2	2	2	2	2	26
Turkey		80	0	80										2	2	2	2	2	2	2	2	2	2	2	2	2	2	50
KEP Singapore		100	0	100				1	1	1	3	2	1	1	2	1	1	1	1	3	2	2	2	3	3	3	2	66
		30	IO	20	1	1																						10
Egypt		21	0	21											1													21

	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	

MANUFACTURER'S NAME AND LOCATION	PRODUCTION RATES MINIMUM SUST.	1-8-5	MAX	RC HD D+
LOCKHEED FORT WORTH COMPANY	4	9	27	
FORT WORTH. TX				

PROCUREMENT LEAD TIME

	ADMIN LEAD TIME PRIOR 1 OCT	PRIOR 1 OCT	MFG TIME	TOTAL AFTER 1 OCT
INIT				
REORDER			32	

REMARKS

40

P-1 SHOPPING LI[illegible]-- ITEM NO.

FY 99 P.

P-1 ITEM NOMENCLATURE
F- 16 AIRFRAME

DATE Feb-98

ITEM/MANUFACTURER/ PROCUREMENT YEAR	SERV	PROC. QTY	ACCEP PRIOR TO 1 OCT 1997	BAL DUE AS OF 1 OCT 1997	FISCAL YR 98 CALENDAR YR 98															FISCAL YR 99 CALENDAR YR 99								LATER
					OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
USAF 1994 BUY	AF	12	12	0																								0
USAF 1996 BUY	AF	6	0	6																I		1	1		I		1		I
USAF 1997 BUY	AF	6	0	6																									6
USAF 1998 BUY	AF	3	0	3																									3
Thailand		18	18	0																									0
Taiwan		150	45	105	5	5	4	5	5	5	5	5	5	5	4	4	4	4		4	4	4	4	4	4	4	4	4	0
Greece		40	14	26	2	2	2	2	2	2	2	2	2	2	2	2	2												0
Turkey		80	30	50	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
KFP		100	34	66	2	2	2	2	3	2	3	2	3	2	3	2	3	2	3	2	3	2	3	2	3	2	3	2	8
Singapore		30	12			18		2			2		2		2			2		2		2		2			2		0
Egypt		21	0			21							1						2				2						16

					0	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S
					T	O	E	A	E	A	P	A	U	U	U	E	C	O	E	A	E	A	P	A	U	U	U	E
						V	C	N	B	R	R	Y	N	L	G	P	T	V	C	N	B	R	R	Y	N	L	G	P

MANUFACTURER'S NAME AND LOCATION	PRODUCTION RATES MINIMUM SUST.	I-8-5	MAX	RC HD D+	PROCUREMENT ADMIN LEAD TIME PRIOR I OCT	PROCUREMENT LEAD TIME PRIOR t OCT	MFG TIME	TOTAL AFTER I OCT
LOCKHEED FORT WORTH COMPANY	4	9	27					
FORT WORTH, TX								
				INIT				
				REORDER				32

REMARKS

P-I SHOPPING LIST ITEM NO.

FY99 PB

P-l ITEM NOMENCLATURE
F-16 AIRFRAME

DATE Feb-98

ITEM/MANUFACTURER/ PROCUREMENT YEAR	SERV	PROC. QTY	ACCEP PRIOR TO 1 OCT 2000	BAL DUE AS OF 1 OCT 2000	FISCAL YR 00																FISCAL YR 01									LATER
								CALENDAR YR 00																	CALENDAR YR 01						
					OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
USAF 1994 BUY	AF	12	12	0																									0
USAF 1996 BUY	AF	6	5	1		1																							0
USAF 1997 BUY	AF	6	0	6									1		1	1	1	1	1										0
USAF 1998 BUY	AF	3	0	3																1	1	1							0
Thailand		18	18	0																									0
Taiwan		150	150	0																									0
Greece		40	40	0																									0
Turkey		80	78	2	2																								0
KFP		100	92	8	3	2	3																						0
Singapore		30	30	0																									0
Egypt		21	5	16	2			2			2			2			2			2			2			2			0

	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	"

MANUFACTURER'S NAME AND LOCATION	PRODUCTION RATES MINIMUM SUST	1-8-5	MAX	RC HD D+	PROCUREMENT LEAD TIME ADMIN LEAD TIME PRIOR 1 OCT	PRIOR 1 OCT	MFG TIME	TOTAL AFTER 1 OCT	REMARKS
LOCKHEED FORT WORTH COMPANY	4	9	27						
FORT WORTH, TX									
				INIT					
				RECORDER				32	

P-I SHOPPING LIST ITEM NO

42

P-40 FOR PROCUREMENT

BUDGET ITEM JUSTIFICATION SHEET	DATE Feb 98
APPROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT/BA02, AIRLIFT AIRCRAFT	P-I ITEM NOMENCLATURE C-I 7 Airlift Aircraft

	FY96/PY	F Y 97	F Y 9 8	F Y !39	FY 00	FY 01	FY02	FY03	0 COM	TOTAL
QUANTITY	40	8	9	13	15	15	15	5	0	120
COST (in Millions)	14029.5	2075.1	2130.5	2900.5	3181.5	3181.1	3045.3	1370.5	223.8	32,137.8
Initial Spares (in M)	602.7	5.2	70.7	112.3	188.0	159.0	167.2	167.0	522.3	1,994.5
Total Cost (in M)	14632.2	2080.3	2201.2	3012.8	3369.5	3340.1	3212.5	1537.5	746.1	34,132.2
Unit Cost (in M)	365.8	260.0	244.6	231.8	224.6	222.7	214.2	307.5		

MISSION AND DESCRIPTION:

Develops and procures C-17 Airlift Aircraft which will provide an additional increment of needed airlift capability to meet both strategic (long range) and tactical (theater) requirements. Allows rapid and timely inter and intratheater deployment, employment, and resupply of combat forces to meet mobility requirements of theater CINCS. Provides intratheater outsize/airdrop capability not available now. Will provide force modernization and replace lost capability of retiring C-141 aircraft.

FY99 PROGRAM JUSTIFICATION:

Funding will provide for procurement of thirteen aircraft. Reflects the multi-year procurement acquisition strategy. Initiates a new support concept called Flexible Sustainment, which looks to industry to provide maintenance and material management through partnerships between industry and government depots.

P 40

WEAPON SYSTEM COST ANALYSIS EXHIBIT (P-5) **FY99 PB**	Appropriation/Budget Activity Title/No. 3010/10C17A		B. Weapon Model/Series/ Popular Name C-17A		C. Manufacturer Name Plant City/State location Boeing Airlift and Tankers Long Beach, CA		D. Date Feb - 98	
Weapon System Cost Elements	FY97 8.0		FY98 9.0		FY99 13.0		FYOO 15.0	
	Unit Cost	Tot. Cost	Unit Cost	Tot. Cost	Unit Cost	Tot. Cost	Unit Cost	Tot. Cost
1 AIRFRAME	200.6	1604.6	193.4	1740.2	174.0	2262.2	163.2	2447.3
2 ENGINE (MODEL F-l 17-PW-100)	19.5	156.3	19.8	178.2	20.0	260.5	20.6	308.4
3 AVIONICS	8.0	63.7	7.5	67.9	7.0	90.9	6.9	102.13
4 ECO	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5 PRODUCT IMPROVEMENT	2.8	22.2	1.3	11.8	1.7	21.8	2.6	39.4
6 NON-RECURRING FLYAWAY	0.4	3.5	0.3	2.8	0.3	4.5	0.3	4.13
7 SETTLEMENT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8 FLYAWAY COSTS	231.3	1850.2	222.3	2000.9	203.1	2639.9	193.5	2902.7
9 PECULIAR SUPPORT EQUIPMENT		0.0		22.2		12.6		18.0
10 COMMON SUPPORT EQUIP		0.0		4.3		0.9		5.8
11 TRAINING		62.5		24.8		30.6		34.9
12 DATA		5.6		2.5		6.1		6.3
13 ICS/ROR/FIELD SPT/DEPOT INV		33.6		0.4		2.5		0.0
14 FLEX SUST (ICS/CLS/DEPOT INV)		146.1		25.3		213.5		249.3
15 MISSION SUPPORT		17.7		17.0		18.1		19.1
16 SUPPORT COST		265.5		96.5		284.3		333.14
17 GROSS P-l COST	231.3	2115.8	222.3	2097.5	203.1	2924.2	193.5	3236. 1
18 LESS: Prior Year Adv Proc		-221.8		-211.2		-278.2		-303.5
EOQ Payback		-30.0		-34.0		-49.0		-56.0
19 NET P-l COST	231.3	1864.0	222.3	1852.3	203.1	2597.0	193.5	2876.6
20 ADVANCE PROCUREMENT, CURRENT YEAR		211.2		278.2		303.5		304.9
EOQ								
2 1 OTHER NON P- 1 WEAPON SYS COSTS								
INITIAL SPARES		5.2		70.7		112.3		188.0
MODS		51.8		57.7		45.7		82.5
22 TOTAL (THEN YEAR)	231.3	2132.1	222.3	2259.0	203.1	3058.5	193.5	3452.0

BUDGET PROCUREMENT HISTORY AND PLANNING EXHIBIT (P-5A)				A. DATE **Feb-98**						
3. Appropriation/Budget Activity AIRCRAFT PROCUREMENT/BAO2/AIRLIFT			C. P-I Item Nomenclature C-17A							
Cost Elements Fiscal Year	Contractor and Location	Contract Method & Type	Contracted BY	Award Date	Date First Delivery	Quantity	Unit cost	Specs Available Now	Specs REV REQ'D	If Yes, when Available
AIR VEHICLE										
FY97	Boeing Airlift & Tanker	FFP	AFMCIASC	Dee-96	Jun-98	8	208.5			
FY98	Boeing Airlift & Tanker	FFP	AFMCIASC	Dee-97	May-99	9	200.9			
FY99	Boeing Airlift & Tanker	FFP	AFMCIASC	Dee-98	Jun-00	13	181.0			
FY00	Boeing Airlift & Tanker	FPIS	AFMCIASC	Dee-99	Jul-01	15	170.0			
PROPULSION										
FY97	Pratt & Whitney	FFP	AFMCIASC	Jan-97	Nov-97	8	19.5			
FY98	Pratt & Whitney	FFP	AFMCIASC	Feb-98	Nov-98	9	19.8			
FY99	Pratt & Whitney	FFP	AFMCIASC	Feb-99	Nov-99	13	20.0			
FY00	Pratt & Whitney	FFP	AFMCIASC	Feb-00	Nov-00	15	20.6			

REMARKS:

-- Engine Unit Cost are per shipset of 4 engines
--Air Vehicle unit cost is total of Air Vehicle, Avionics (CFE and GFE) unit costs

FY98/0 BUDGET PRODUCTION SCHEDULE	P-1 ITEM NOMENCLATURE	DATE: Feb 98

ITEM/MANUFACTURER/ PROCUREMENT YEAR	SERV	PROC. QTY	ACCEP PRIOR TO FY98	BAL DUE AS OF 1 OCT	FISCAL YR 98												FISCAL YR 99												FISCAL YR 00												LATER
					CALENDAR YR 98												CALENDAR YR 99												CALENDAR YR 00												
					OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
C-17/Boeing Airlift and Tankers																																								
Lot IV/FY92		4	4																																					
C-17/Boeing Airlift and Tankers																																								
Lot V/FY93		6	6																																					
C-17/Boeing Airlift and Tankers																																								
Lot VI/FY94		6	6																																					
C-17/Boeing Airlift and Tankers																																								
Lot VII/FY95		6	6	0																																				
C-17/Boeing Airlift and Tankers																																								
Lot VIII/FY96		8	2	6		1		1	1		1	1		1																										
C-17/Boeing Airlift and Tankers																																								
Lot IX/FY97		8		8											1		1	1	1		1	1	1		1															
C-17/Boeing Airlift and Tankers																																								
Lot X/FY98		9		9																					1	1	1		1	1	1	1	1		1					
C-17/Boeing Airlift and Tankers																																								
Lot XI/FY99		13		13																																	1	1	1	1	9
C-17/Boeing Airlift and Tankers																																								
Lot XII/FY00		15		15																																				15
C-17/Boeing Airlift and Tankers																																								
Lot XIII/FY01		15		15																																				15
C-17/Boeing Airlift and Tankers																																								
Lot XIV/FY02		15		15																																				15
C-17/Boeing Airlift and Tankers																																								
Lot XV/FY03		5		5																																				5

					OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	

MANUFACTURER'S NAME AND LOCA	PRODUCTION RATE MINIMU SUST.	1-8-5	MAX	RC HD D+	PROCUREMENT LEAD TIME ADMIN LEAD TIME PRIOR 1 OCT	ADMIN LEAD TIME PRIOR 1 OCT	MFG TIME	TOTAL AFTER 1 OCT	REMARKS
Boeing Airlift and Tankers	6	8	15						
3855 Lakewood Blvd									
Long Beach CA 90846				INIT		4	32		
				REORDER					

FY98/0 BUDGET PRODUCTION SCHEDULE | P-1 ITEM NOMENCLATURE | DATE: Feb 98

ITEM/MANUFACTURER/ PROCUREMENT YEAR	SERV	PROC. QTY	ACCEP PRIOR TO FY98	BAL DUE AS OF 1 OCT	FISCAL YR 98 CALENDAR YR 98 OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	FISCAL YR 99 CALENDAR YR 99 OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	FISCAL YR 00 CALENDAR YR 00 OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	LATER
C-17/Boeing Airlift and Tankers																																										
Lot IV/FY92		4	4																																							
C-17/Boeing Airlift and Tankers																																										
Lot V/FY93		6	6																																							
C-17/Boeing Airlift and Tankers																																										
Lot VI/FY94		6	6																																							
C-17/Boeing Airlift and Tankers																																										
Lot VII/FY95		6	6	0																																						
C-17/Boeing Airlift and Tankers																																										
Lot VIII/FY96		8	2	6		1		1	1		1	1		1																													
C-17/Boeing Airlift and Tankers																																										
Lot IX/FY97		8		8											1			1	1	1		1	1	1		1																
C-17/Boeing Airlift and Tankers																																										
Lot X/FY98		9		9																							1	1	1		1	1	1	1	1		1						
C-17/Boeing Airlift and Tankers																																										
Lot XI/FY99		13		13																																			1	1	1	1	9
C-17/Boeing Airlift and Tankers																																										
Lot XII/FY00		15		15																																						15
C-17/Boeing Airlift and Tankers																																										
Lot XIII/FY01		15		15																																						15
C-17/Boeing Airlift and Tankers																																										
Lot XIV/FY02		15		15																																						15
C-17/Boeing Airlift and Tankers																																										
Lot XV/FY03		5		5																																						5

	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP

MANUFACTURER'S NAME AND LOCA	PRODUCTION RATES MINIMU SUST.	1-8-5	MAX	RC HD D+
Boeing Airlift and Tankers	0	0	15	
3855 Lakewood Blvd				
Long Beach CA 90846				

PROCUREMENT LEAD TIME

	ADMIN LEAD TIME PRIOR 1 OCT	ADMIN LEAD TIME AFTER 1 OCT	MFG TIME	TOTAL AFTER 1 OCT
INIT		4	32	
REORDER				

REMARKS

P-1 SHOPPING LIST ITEM NO.

EXHIBIT P-21

DATE: Feb 98

ITEM/MANUFACTURER/ PROCUREMENT/YEAR	SERV	PROC QTY	ACCEPT PRIOR TO FY01	BAL DUE AS OF Oct 01	FISCAL YEAR 01												FISCAL YEAR 02												FISCAL YEAR 03												LATER
											CALENDAR YEAR 01														CALENDAR YEAR 02												CALENDAR YEAR 03												
					OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
Boeing Airlift and Tankers																																								
Lot X/FY98		9	9	0																																				
Boeing Airlift and Tankers																																								
Lot XI/FY99		13	4	9	1	1	1	1	1	1	1	1	1																											
Boeing Airlift and Tankers																																								
Lot XII/FY00		15		15										1	1	1	1	2		1	1	2	1	1	1	2														
Boeing Airlift and Tankers																																								
Lot XIII/FY01		15		15																						1	1	1	2	1	1	1	2	1	1	1	2				
Boeing Airlift and Tankers																																								
Lot XIV/FY02		15		15																																		1	1	13
Boeing Airlift and Tankers																																								
Lot XV/FY03		5		5																																				5

	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	

MANUFACTURER'S NAME AND LOCA	PRODUCTION RATES			RC	PROCUREMENT LEAD TIME					TOTAL	REMARKS
	MINIMU SUST.	1-8-5	MAX	HD D+		ADM LEAD TIME			MFG TIME	AFTER Oct 1 1997	
Boeing Airlift and Tankers	6	8	15			PRIOR Oct 97	AFTER Oct 97				
3855 Lakewood Blvd											
Long Beach CA 90846					INIT		4		32		
					REORDER						

EXHIBIT P-21

FY04/FY06 VBUDGET PRODUCTION SCHEDULE	P-1 ITEM NOMENCLATURE	DATE: Feb 98

ITEM/MANUFACTURER/ PROCUREMENT/YEAR	SERV	PROC QTY	ACCEPT PRIOR TO FY04	BAL DUE AS OF Oct 04	FISCAL YEAR 04												FISCAL YEAR 05												FISCAL YEAR 06												LATER
								CALENDAR YEAR 04												CALENDAR YEAR 05												CALENDAR YEAR 06									
					OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
Boeing Airlift and Tankers																																									
Lot X/FY98		9	9																																						
Boeing Airlift and Tankers																																									
Lot XI/FY99		13	13																																						
Boeing Airlift and Tankers																																									
Lot XII/FY00		15	15																																						
Boeing Airlift and Tankers																																									
Lot XIII/FY01		15	15																																						
Boeing Airlift and Tankers																																									
Lot XIV/FY02		15	2	13	1	2	1	1	1	2	1	1	1	2																											
Boeing Airlift and Tankers																																									
Lot XV/FY03		5		5											1	1	1	2																							

MANUFACTURER'S NAME AND LOCA	PRODUCTION RATES MINIMU SUST.	1-8-5	MAX	RC HD D+	PROCUREMENT LEAD TIME	ADM LEAD TIME PRIOR Oct 97	AFTER Oct 97		MFG TIME	TOTAL AFTER 01-Okt	REMARKS
Boeing Airlift and Tankers	6	8	15								
3855 Lakewood Blvd											
Long Beach CA 90846					INIT		4		32		
					REORDER						

EXHIBIT P-21

SIMULATOR AND TRAINING DEVICE JUSTIFICATION ($000)						DATE Ol-Feb-98					
Appropriation/P-l Line Item PROD 3010			Weapon System(If Applicable) C-17 TRAINERS (ATS & MTD)			Equipment Nomenclature					PE 41130F
Fin Plan	FY 96/P	FY97	FY98	FY99	FYOO	FY01	FY02	FY03	FY04	TC	Total
Quantity	6	1	0	1	1	1	0	0	0	0	10
Proc	227500	62500	24800	30600	34900	33850	24250	0	0	0	438400
RDT&E	0	0	0	0	0	0	0	0	0		0

TRAINING SYSTEM DESCRIPTION ATS

Provides initial and continuous training for C-l 7 aircrew members. Training will be totally contractor administered and supported, with AMC evaluating the final product, a fully qualified member. The training system will be developed concurrently with the aircraft development and production. The Aircrew Training System (ATS) consists of: Weapon System Trainers (WSTs), Computer Based Trainers (CBTs), Loadmaster Stations (LSs), Cargo Compartment Trainers (CCTs) and Cockpit Systems Simulators (CCSs). The blend or mix of the components depend on the base or schoolhouse they are being delivered to. The bases are: Charleston AFB, Altus AFB , McChord AFB.

MTD

The system is designed to reduce the maintenance training level to the lower skill levels.
The system will employ accessibility, repairability, and interchangeability features. Integration will be with the aircraft development and production.

NOTE: The R&D prior year number cited in the 98PB P43 was in error.

	P-l Shopping List Item No.	Page No. 1	EXHIBIT P-43 Simulator & Training Device Justification

SIMULATOR AND TRAINING DEVICE JUSTIFICATION (Page 2) ($000)														DATE: Feb 98	
Appropriation/ P-1 Line Item 3010		Weapon System C-I 7 Trainers		IOC Date Aircraft Jan-95	Equipment Nomenclature		PE 41130F								
Device Type	Site	Delive Date	Ready for Training Date	Average Student Throughput	Prior Years		FY97		FY98		FY99			FYOO	
					Qty	cost	Qty	cost	Qty	cost				Qty	cost
MTD	Charleston AFB				1	30497									
ATS wst	Charleston AFB				1	36761								1	2039
wst	Altus AFB				3	45206					1	19957			
wst	McChord AFB				1	16892	1	18209							
Concurrency and Software						97644		45191		24800		10643			145oc
				TOTAL	6	227500	1	62500	0	24800	1	30600		1	3490(

	P-I Shopping List Item No.	Page No. 2	EXHIBIT P-43

SIMULATOR AND TRAINING DEVICE JUSTIFICATION (Page 3) ($000)													DATE: Feb 98	
Training Device by Type C-I 7 TRAINERS							Weapon System (If Applicable) ATS & MTD							
Description/Justification ATS: Provides initial and continuous training to C-17 aircrews. MTD: Procures the devices necessary to reduce the maintenance manning level and training to the lowest level.														
Financial Plan	Prior Years		FY97		FY98		FY99		FYOO		Cost to Complete		Total Cost	
	Qty	Cost	Qty	Cost	Qty	cost	Qty		Qty	Cost	Qty	Cost	Qty	cost
HARDWARE COSTS														
Device (Hardware)	6	129656	1	17909	0	0	1	19957	1	20394	1	20831	10	208747
Concurrency Updates		97844		44591		24800		10643		14506		37269		229653
Nonrecurring														
GFE														
Other(Specify)														
Total Hardware costs		227500		62500		24800		30600		34900		58100		438400
SUPPORT COSTS														
Special SE														
Integrated Logistics Supt.														
Other(Specify)														
Total Support costs		0		0		0		0		0		0		0
TOTAL COSTS		227500		62500		24800		30600		34900		58100		43840C
			P-I Shopping List Item No.				Page No 3				EXHIBIT P-43			

P-40A FOR ADVANCE PROCUREMENT										
BUDGET ITEM JUSTIFICATION SHEET					DATE: Feb 98					
APPROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT (ADVANCE BUY)/BA02, AIRLIFT AIRCRAFT					P-l ITEM NOMENCLATURE C-l 7 Airlift Aircraft					
	PY	FY 97	FY 98	FY 99	FY 00	FY 01	FY02	FY 03	TO COMP	TOTAL
ADV BUY QUANTITY	40	8	9	13	15	15	15	5.	0	120
Prior Yr Credit	-1219.7	-221.8	-211.2	-278.2	-303.5	-304.9	-307.8	-104.7	0.0	-2951.8
Current Yr Debit	1441.5	211.2	278.2	303.5	304.9	307.8	104.7	0.0	0.0	2951.8
Total	221.8	-10.6	67.0	25.3	1.4	2.9	-203.1	-104.7	0.0	0.0
EOQ investment is for the 80 aircraft in the MYP	xxxxxxxxxxx	xxxxxxxxxxxxx	xxxxxxxxxx	xxxxxxxxxx	xxxxxxxxxx	xxxxxxxxxx	xxxxxxxxxx	xxxxxxxxxx	80	
EOQ investment	300									300.0
EOQ payback		-30	-34.0	-49.0	-56.0	-56.0	-56.0	-19.0		-300.0
Total	300	-30.0	-34.0	-49.0	-56.0	-56.0	-56.0	-19.0	0.0	0.0

MISSION AND DESCRIPTION:

Develops and procures C-17 Airlift Aircraft which will provide an additional increment of needed airlift capability to meet both strategic (long range) and tactical (theater) requirements. Allows rapid and timely inter and intratheater deployment, employment, and resupply of combat forces to meet mobility requirements of theater CINCS. Provides intratheater outsize/airdrop capability not available now. Will provide force modernization and replace lost capability of retiring C-141 aircraft.

FYOO PROGRAM JUSTIFICATION:

FYOO funding will provide for the advance procurement for the 15 aircraft procured in the FY01 lot buy

FY99 PROGRAM JUSTIFICATION:

FY99 funding will provide for the advance procurement for the 15 aircraft procured in the FYOO lot buy.

FY98 PROGRAM JUSTIFICATION:

FY98 funding will provide for the advance procurement for the 13 aircraft procured in the FY99 lot buy.

NOTES:

Costs are Weapon System net-total 3010, BP1 010 and 1030.

P 40a

YEAPON SYSTEM ADVANCE PROCUREMENT EXHIBIT P-IO COMPARISON OF REQUEST TO EXECUTIONS)			Prior Year for Fiscal Year Program -- FY97 DATE Ol-Feb-98			
Veapon System Type (Model/Series No.) C-I 7A	First System Award Date Jan-97		First System Completion Date Aug-99	Interval Between System Completions		
Advance Procurement/Advance Funding terns	Quantity	Date Contract Award Required/Actual	Delivery Date of First Equip. Required/Actua	Production Lead Time in Months Total Requested (ADM/Prod) Actual (ADM/Prod)	Total Cost Requested	Actual Contract Cost
-1	-2	-3	-4	-5	-6	-7
. AIRCRAFT CFE	9	Des-96	Jul-99			196.9
. AIRCRAFT GFE						14.3
. SUBTOTAL						211.2
. EOQ(MYP)	0					0.0
. TOTAL	9					211.2

-- FY97 advanced buy was awarded for the FY98 - Lot X procurement of 9 aircraft.
-- P49 is the first aircraft of this lot buy; the scheduled delivery is Jut 99.
-- Award and delivery dates are not given for Aircraft GFE as these requirements are awarded on multiple contracts through the ALCs.
--This document submitted to support the FY99 President's Budget

Exhibit P-I 0 Advance Procurement Execution/Request Comparison

Weapon System Advance Procurement EXHIBIT P-l 0 Procurement of Advance Design and Material) (TOA, Dollars in Thousands)			Current Year for Fiscal Year Program --FY98 DATE 01 -Feb-98			
Weapon System Type (Model/Series No.) C-17A	First System Award Date Jan-98		First System Completion Date Aug-00	Interval Between System Completions (Months)		
Advance Procurement/Advance Funding terns	Quantity	Date Contract Award Planned/Required	Delivery Date of First Equipment Required	Production Lead Time in Months(Adm/Prod)-Total	Unit Cost	Total Cost
-1	-2	-3	-4	-5	-6	-7
l. AIRCRAFT CFE	13	Des-97	Jun-00			255.8
2. AIRCRAFT GFE						22.4
3. SUBTOTAL	0					278.2
4. EOQ(MYP)	0					0
5. TOTAL	13					278.2

-- FY98 advanced buy is planned for awarded for the FY99- Lot XI procurement of 13 aircraft.
-- P58 is the first aircraft of this lot buy; the scheduled delivery is Jun 00.
-- Award and delivery dates are not given for Aircraft GFE as these requirements are awarded on multiple contracts through the ALCs.
-- Document provided to support the FY99 President's Budget

Exhibit P-l 0 Weapon System Advance Procurement Analysis/Justification

Weapon System Advance Procurement EXHIBIT P-10 (Procurement of Advance Design and Material)				Budget Year for Fiscal Year Program -- FY99 DATE Ol-Feb-98		
Weapon System Type (Model/Series No.) C-17A	First System Award Date Jan-99		First System Completion Date Aug-01	Interval Between System Completions (Months)		
Advance Procurement/Advance Funding Items	Quantity	Date Contract Award Planned/Required	Delivery Date of First Equipment Required	Production Lead Time in Months(Adm/Prod)-Total	Unit Cost	Total Cost
-1	-2	-3	-4	-5	-6	-7
1. AIRCRAFT CFE	15	Des-98	Jul-01			276.9
2. AIRCRAFT GFE						26.6
3. SUBTOTAL	0					303.5
4. EOQ(MYP)						0.0
5. TOTAL	15					303.5

-- FY99 advanced buy is planned for awarded for the FYOO - Lot XII procurement of 15 aircraft.
-- P71 is the first aircraft of this lot buy; the scheduled delivery is Jul 01.
-- Award and delivery dates are not given for Aircraft GFE as these requirements are awarded on multiple contracts through the ALCs.
-- Document provided to support the FY99 President's Budget

WEAPON SYSTEM ADVANCE PROCUREMENT EXHIBIT P-IO COMPARISON OF REQUEST TO EXECUTIONS)			Budget Year 2- Fiscal Year Program -- FYOO DATE Ol-Feb-98			
Weapon System Type (Model/Series No.) C-I 7A	First System Award Date Jan-96		First System Completion Date Aug-98	Interval Between System Completions		
Advance Procurement/Advance Funding terns	Quantity	Date Contract Award Required/Actual	Delivery Date of First Equip. Required/Actua	Production Lead Time in Months Total Requested (ADM/Prod) Actual (ADM/Prod)	Total Cost Requested ($ in Millions)	Actual Contract Cost ($ in Millions)
-1	-2	-3	-4	-5	-6	-7
, AIRCRAFT CFE	15	Des-99	Aug-02			277.5
!. AIRCRAFT GFE						27.4
;. TOTAL	15				0.0	304.9

-- FYOO advanced buy was awarded for the FY01- Lot XIII procurement of 15 aircraft.
-- P86 is the first aircraft of this lot buy; the scheduled delivery is Aug 02.
-- Award and delivery dates are not given for Aircraft GFE as these requirements are awarded on multiple contracts through the ALCs.
-- Document provided to support the FY99 President's Budget

Exhibit P-10A Advance Procurement Execution/Request Comparison

BUDGET ITEM JUSTIFICATION SHEET	Date: Feb 98
APPROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT/BA02, OTHER AIRLIFT	P-l ITEM NOMENCLATURE EC-130J

	FY 96/Prior	FY 1997	FY1998	FY1999	FY 2000	FY 2001	FY 2002	FY 2003	To Comp	Total
QUANTITY		1	1							2
COST (In Millions)		70.2	48.8	0	0	0	0	0	0	119.0
Initial Spares (in M)		0	0	0	0	0	0	0	0	0
Total (In Millions)		70.2	48.8	0	0	0	0	0	0	119.0
Unit Cost (in M)										59.5

MISSION AND DESCRIPTION: The EC- 1305 will replace the current fleet of the EC- 130E aircraft. The EC- 130 fleet currently consists of eight EC- 130E aircraft assigned to the 93rd Special Operations Wing at Harrisburg, PA. The 1 93rd SOW conducts special operation missions such as psychological operations, civil affairs radio and television broadcasts, Command Control Communications Measures, and limited intelligence gathering. Congress added $70.5M in FY 97 for the procurement, modification, and support of one aircraft. Congress also added in FY98 $49.9M (reduced by General Reductions to $48.8M) for the procurement of one vanilla C-l 305. This aircraft will be converted to the EC1 30J configuration at an additional cost of $24.7M (reduced by General Reductions to $23.5M). These funds are in the C-l 30J modification program and will be realigned to this P-l line.

FY 99 PROGRAM JUSTIFICATION: N/A.

AIRCRAFT COST ANALYSIS EXHIBIT P-5 (Dollars in Millions)	A. Appn/Budget Activity Title/No. Aircraft Proc AF/BA02 Airlift Acft	B. Popular Name EC-1 30J		C. Manufacturer Lockheed Marietta. GA		D. Date Feb 98	
		FY97	Q N 1	FY98	Q N 1	FY99	QTY
		Unit cost	Total cost	Unit cost	Total Cost	Unit cost	Total cost
AIRFRAME/CFE		47.2	47.2	48.8	48.2	0.0	0.0
ENGINE/ACCESSORIES		0.0	0.0	0.0		0.0	
AVIONICS: CFE/GFE		0.0	0.0	0.0		0.0	
ARMAMENT		0.0	0.0	0.0		0.0	
OTHER GFE		0.0	0.0	0.0		0.0	
ECO		0.0	0.0	0.0	0.1	0.0	
(ON-RECURRING COSTS		0.0	0.0	0.0	0.0	0.0	
OTHER COSTS		0.0	0.0	0.0	0.0	0.0	
'ROGRAM MGT ADMIN REQMTS							
Subtotal FLYAWAY COSTS		47.2	47.2	48.8	48.3	0.0	0.0
AIRFRAME PGSE							
ENGINE PGSE							
AVIONICS PGSE							
PECULIAR TRAINING EQUIPMENT			4.9		0.0		
PUBLICATIONS/TECH. DATA					0.5		
ECO (All Support Items)							
OTHER (ICS)							
OTHER (Mods)			18.1		0.0		
Subtotal SUPPORT COST			23.0		0.5		0.0
GROSS P-I COST			70.2	12.2	48.8		0.0
!O LESS: Prior Yr Adv. Proc					0		0
21 NET P-I COST			70.2		48.8		**0.0**

EXHIBIT P-!5

P-40

BUDGET ITEM JUSTIFICATION SHEET				DATE Feb 98							
APPROPRIATION/BUDGET ACTIVITY 3010/ICS ($M)				P-I ITEM NOMENCLATURE C-I 30H							
	PRIOR YEAR	FY 96	FY 97	FY 98	FY 99	FY 00	FY 01	FY 02	FY 03	TO COMPLETE	TTL PROGRA
QUANTITY	0	0	0	0	0	0	0	0	0	0.0	0
COST (MILLIONS)	0.0	0.0	0.0	0.0	11.2	0.0	0.0	0.0	0.0	0.0	11.2
INITIAL SPARES (MILLIONS)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL (MILLIONS)	0.0	0.0	0.0	0.0	11.2	0.0	0.0	0.0	0.0	0.0	11.2
UNIT COST (MILLIONS)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0

MISSION AND DESCRIPTION:

C-130H provides the immediate and responsive air movement and delivery of combat troops and supplies directly in objective areas through airlanding, extraction, aird delivery techniques. Provides air logistic support for all theater forces, including those engaged in combat operations, to meet specific theater objectives and requirem

FY99 Funding

Funding is for C-I 30 H3 Interim Contractor Support for 107 unique item and fleet-wide ICS for several modifications.
Self Contained Navigation System SCNS, and APQ-175, APN-241 radars).

EXHIBIT P-40

WEAPON SYSTEM COST ANALYSIS EXHIBIT (P-5) ($M)	A. Appropriation/Budget Activity Title/No. 3010/ICS	B. Weapon Model/Series/ Popular Name C-130H	C. Manufacturer Name Plant City/State location LOCKHEED/MARIETTA, GA	D. Date Month/Year Feb 98

Weapon System Cost Elements	Ident. Code	FY97 Unit Cost	FY97 Tot. Cost	QTY (1) FY98 Unit Cos	FY98 Qty (0) Tot. Cost	FY99 Unit Cost	FY99 Qty (1) Tot. Cost	FYOO Unit Cost	FYOO Qty (0) Tot. Cost
1. Airframes/Engine	A	0.0	0.0	0.0	0.0	0.0	0.0		
(4 per A/C)									
(Eng Model: ALLISON AE2100)									
2. AVIONICS									
A. CFE									
B. GFE									
3. ARMAMENT									
4. OTHER GFE									
5. ECO (All Flyaway Components)			0.0			0.0	0.0		
5. NON-RECURRING COSTS									
Tooling)									
(Other)									
7. OTHER COSTS									
8. Subtotal FLYAWAY COST	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
9. PECULIAR SUPPORT EQUIPMENT	A		0.0		0.0	0.0	0.0		
IO. ICS			0.0		0.0	0.0	I I.2		
11. DATA			0.0		0.0	0.0	0.0		
12. PECULIAR TRAINING EQUIPMENT			0.0		0.0	0.0	0.0		
13. PUBLICATIONS/TECH. DATA			0.0		0.0	0.0	0.0		
14. TRAINING			0.0		0.0	0.0	0.0		
15. OTHER (TEST/MISSION)	A		0.0		0.0	0.0	0.0		
PMA (PAP 56) TRANSFER					0.0	0.0			
16. Subtotal SUPPORT COST		0.0	0.0	0.0	0.0	0.0	11.2	0.0	0
17. GROSS P-I END COST	0.0	0.0	0.0	0.0	0.0	0.0	I I.2	0.0	0
8. LESS: PRIOR YR ADV. PROC Breakout by Prior FY offunding)									
9. NET P-I FULL FUNDING COST	0.0	0.0	0.0	0.0	0.0	0.0	11.2	0.0	0
Must equal FY amount displayed on the P-40 exhibit)									
!0. Plus Current Year ADV, PROC.									
2 I. Other Non P-I Weapon System Costs									
22. Initial Spares		0.0	0.0		0.0	0.0	0.0		
23. Mods									
TOTAL	0.0	0.0	0.0	0.0	0.0	0.0	II.2	0.0	0

P-40 FOR ADVANCE PROCUREMENT

BUDGET ITEM JUSTIFICATION SHEET				DATE Feb 98							
APPROPRIATION/BUDGET ACTIVITY 301 O/I 0400C ($M)				P-I ITEM NOMENCLATURE C-I 30J HERCULES							
	PRIOR YE	FY 96	FY 97	FY 98	FY 99	FY 00	FY 01	FY 02	FY 03	TO COMPLETE	TTL PROGRA
QUANTITY	0	2	1*	0	1	0	0	2	2	TBD	8
COST [MILLIONS)	0.0	98.0	62.7	23.5	63.8	0.0	0.0	134.0	137.7	TBD	519.7
NITIAL SPARES (MILLIONS)	0.0	8.4	6.0	0.7	62.0	0.0	0.0	3.9	4.8	TBD	85.8
TOTAL (MILLIONS)	0.0	106.4	68.7	24.2	125.8	0.0	0.0	137.9	142.5	TBD	TBD
JNIT COST (MILLIONS)	N/A	49.00	62.70	N/A	63.80	N/A	N/A	67.00	68.85	N/A	N/A

MISSION AND DESCRIPTION:

The C-I 30 provides the immediate and responsive air movement and delivery of combat troops and supplies directly into objective areas through airlanding, extraction, airdrop or other delivery techniques; and the air logistics support of all theater forces, including those engaged in combat operations, to meet specific theater objectives and requirements. It is a medium size tactical transport powered by four AE2100D3 turboprop engines. It has a max range of 3,070 NM, a service ceiling of 30,560 feet, and a cruise speed of 342 knots, or carry a max payload of 39,311 pounds. The Air Force is designated Executive Service for the C-130 production contra Total PMA requirements for contract support, SPO administrative support and computer support, and TDY are included. They are listed by line entry in the P-5.

* FY97 C-I 30J will be converted to a WC-1 30J configuration in FY99.

WEAPON ,TEM COST ANALYSIS EXHIBIT (P-5) ($M)	4. Appropriation/Budget Activity Title/No. 3010/10400C		B. Weapon, l/Series/ Popular Name C-130J			C. Manufacturer Name Plant City/State location LOCKHEED/MARIETTA, GA		D. Date Month/Year Feb 98	
Weapon System Cost Elements	Ident. Code	FY97 Unit Cost	QTY (1) Tot. Cost	FY98 Unit Cost	Qty (0) Tot. Cost	FY99 Unit Cost	Qty (1) Tot. Cost	FYOO Unit Cost	Qty (0) Tot. Cost
1. Airframes/Engine (4 per A/C) (Eng Model: ALLISON AE2 100)	A	0.0	47.2	0.0	0.0	52.'	52.9		
2. AVIONICS									
A. CFE									
B. GFE									
3. ARMAMENT									
4. OTHER GFE									
5. ECO (All Flyaway Components)			0.1			1.	1.1		
6. NON-RECURRING COSTS									
(Tooling)									
(Other)									
7. OTHER COSTS									
8. Subtotal FLYAWAY COST	0.0	0.0	47.3	0.0	0.0	54.t	54.0	0.0	0.0
9. PECULIAR SUPPORT EQUIPMENT	A		8.0		10.0	0.:	0.:		
10. ICS			1.9		3.a	3.t	3.0		
11. DATA			0.7		0.7	0.:	0.'		
12. PECULIAR TRAINING EQUIPMENT			0.0		5.5	1.9	1.9		
13. PUBLICATIONS/TECH. DATA			0.3		0.5	0.4	0.4		
14. TRAINING			1.3		0.5	0.0	0.0		
15. OTHER (TEST/MISSION) PMA (PAP 56) TRANSFER	A		3.2		3.3	3.'	3.'		
16. Subtotal SUPPORT COST		0.0	15.4	0.0	23.5	9.1	9.8	0.0	0.0
17. GROSS P-1 END COST	0.0	0.0	62.7	0.0	23.5	63.1	63.8	0.0	0.0
18. LESS: PRIOR YR ADV. PROC (Breakout by Prior FY offunding)									
19. NET P- 1 FULL FUNDING COST [Must equal FY amount displayed on the P-40 exhibit)	0.0	0.0	62.7	0.0	23.5	63.1	63.1	0.0	0.0
20. Plus Current Year ADV, PROC.									
21. Other Non P-1 Weapon System Costs									
22. Initial Spares		0.0	6.0		0.7	62.t	62.t		
23. Mods									
TOTAL	0.0	0.0	68.7	0.0	24.2	125.1	125.1	0.0	0.0

BUDGET PROCURMENT HISTROY AND PLANNING EXHIBIT (P-5A)				A. DATE Feb 98						
3. Appropriation/Budget Activity 101 0/10400C			C. P-I Item Nomenclature C-I 30J							
Cost Elements Fiscal Year	Contractor and Location	Contract Method & Type	Contracted BY	Award Date	Date of First Delivery	Quantity	Unit cost	Specs Available	Specs RE REQ'D	If Yes, when Available
96	LASC Marietta, Ga.	Commercial / FFP	AFMC	Nov-96	Jul-98	2	44.2M	No	Yes	TBD
97	LASC Marietta, Ga.	Commercial / FFP	AFMC	Sep-97	Oct - 98	1	47.4	No	Yes	TBD
99	LASC Marietta, Ga.	Commercial / FFP	AFMC	TBD	TBD	1	52.9	No	Yes	TBD

> REMARKS

rir Vehicle: a. FY96 a/c were the initial cadre of aircraft procured under the Five Year Option Contract (FYOC). The engines are being provided as Contractor Furnished Equipment (CFE) and are included in the air vehicle price.

b. No Air Force C-130J aircraft were programmed for FY98.

c. FY97 aircraft will be converted to a WC-130J in FY99.

FY99 PB PRODUCTION SCHEDULE	P-1 ITEM NOMENCLATURE C-130J	DATE Feb 98

Item/Manu Proc Year	SERV	Proc Qty	Accep. Prior to 1 Oct	Bal Due as of 1 Oct	FISCAL YEAR 98														FISCAL YEAR 99												FISCAL YEAR 00										LTR
					CALENDAR YEAR 98														CALENDAR YEAR 99												CALENDAR YEAR 00										
					OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
Lockheed Martin																																								
C-130J			0	5																																				
5413														1			1																								
5415														1																										
5454														–																										
5455															1																										
*5472																	1																								
					OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	

MANUFACTURER'S NAME AND LOCATION	PRODUCTION RATE MIN SUST		MA	RC HD D+		PROCUREMENT LEAD TIME ADMIN LEAD TIME PRIOR 1 OCT	AFTER 1 OCT	MFG TIM	TOTAL AFTER 1 OCT	REMARKS
Lockheed Martin			15	TBD						* Aircraft 5472 will be converted to WC-130J configuration in FY99.
86 South Cobb Drive										
Marietta GA 30063-0290					INIT					
					REORDER					

BUDGET ITEM JUSTIFICATION SHEET	Date: Feb 98
APPROPRIATION/BUDGET ACTIVITY	P-l ITEM NOMENCLATURE
AIRCRAFT PROCUREMENT/BA02, OTHER AIRLIFT	WC-l 30J

	FY 96/Prior	FY1997	FY1998	FY 1999	FY 2000	FY 2001	FY 2002	To Comp	Total
QUANTITY	3	3"	2						8
COST (In Millions)	132.6	165.2	115.0						412.9
Initial Spares (in M)									
Total (In Millions)	132.6	165.2	115.0						412.9
Unit Cost (in M)									51.6

MISSION AND DESCRIPTION: The C- 130 provides the immediate and responsive air movement and delivery of combat troops and supplies directly into objective areas through airlanding, extraction, airdrop or other delivery techniques; and the air logistics support of all theater forces, including those engaged in combat operations, to meet specific theater objectives and requirements. It is a medium size tactical transport powered by four AE 2100D3 turboprop engines. The Air Force is designated Executive Service for the C-l 30 production aircraft.

The WC-l 30 is the weather reconnaissance version of the C-l 305. It provides immediate response for observation and reporting of critical storm conditions (hurricanes, tornadoes, etc.) for transmissions to the National Oceanographic and Atmospheric Administration (NOAA). The WC-1 30s routinely fly 10 to 12 hour missions originating from Keesler AFB, MS.

FY97 Appropriations Bill added procurement funding for three WC- 130 aircraft. Congress added in FY98 $118M (reduced by General Reductions to $115M) for two additional aircraft.

* FY97 C-130J will also be converted to a WC-1305 in FY99.

FY 99 PROGRAM JUSTIFICATION: N/A

AIRCRAFT COST ANALYSIS EXHIBIT P-5 (Dollars in Millions)	A. Appn/Budget Activity Title/No.	B. Popular Name WC-130J		C. Manufacturer Lockheed Marietta, GA		D. Date Feb-98	
		FY97	Q N 3	FY98	Q N 2	FY99	QTY (
		Unit cost	Total cost	Unit cost	Total cost	Unit cost	Tota cos
AIRFRAME/CFE		47.2	141.7	47.3	94.5		0.0
ENGINE/ACCESSORIES							
Eng Model: Allison AE2100							
AVIONICS							
ARMAMENT							
OTHER GFE							
ECO (All Flyaway Components)			1.4		1.2		
NON-RECURRING COSTS							
3THER COSTS							
Subtotal FLYAWAY COSTS		47.2	143.1	47.3	95.7	0.0	0.0
AIRFRAME PGSE			6.0		5.0		
ENGINE PGSE							
AVIONICS PGSE							
PECULIAR TRAINING EQUIPMENT			1.5		1.3		
PUBLICATIONS/TECH. DATA							
ECO (ALL SUPPORT ITEMS)							
OTHER (ICS)			14.6		13.0		(
Program Management Administration (PMA)					0.0		0.0
Subtotal SUPPORT COST			22.1		19.3		0.0
GROSS P-I COST			165.2		115.0		0.0
!O LESS: Prior Yr Adv. Proc			**0.0**		**0.0**		**0.0**
?1 NET P-I COST			**165.2**		**115.0**		**0.0**

EXHIBIT P-

BUDGET PROCURMENT HISTROY AND PLANNING EXHIBIT (P-5A)				A. DATE Feb 98						
3. Appropriation/Budget Activity 301 0/10400W				C. P-I Item Nomenclature WC-1 30J						
Cost Elements Fiscal Year	Contractor and Location	Contract Method & Type	Contracted BY	Award Date	Date of First Delivery	Quantity	Unit cost	Specs Available Now	Specs RE REQ'D	If Yes, when Available
96	LMAS Marietta, Ga.	Commercial FFP	AFMC	Aug-97	Apr-98	3	44.2	No	Yes	TBD
97	LMAS	Commercial FFP	AFMC	Aug-97	Jul-98	2	47.4	No	Yes	TBD
	Marietta, Ga.			Aug-97	Aug-98	1	47.4	No	yes	TBD
98	LMAS	Commercial FFP	AFMC	Dec 98	Jun-99	1	48.2	No	Yes	TBD
	Marietta, Ga.			Dec 98	Aug-99	1	48.2	No	Yes	TBD

FY99 PB PRODUCTION SCHEDULE	P-1 ITEM NOMENCLATURE WC-130J	DATE Feb 98

Item/Manu ProcYear	SERV	Proc Qty	Accep Prior to 1 Oct	Bal as Of	FISCAL YEAR 98												FISCAL YEAR 99												FISCAL YEAR 00												LTR
					CALENDAR YEAR 98												CALENDAR YEAR 99												CALENDAR YEAR 00												
					OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
Lockheed Martin																																									
WC-130J				8																																					
5451											1																														
5452											1																														
5453											1																														
5469														1																												
5470														1																												
5471															1																												
5472 *																																									
5486																									1																	
5487																											1															
					OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	

MANUFACTURER NAME AND LOCATION	PRODUCTION RATE MIN SUST	MA	RC HD D+	PROCUREMENT LEAD TIME ADMIN LEAD TIME PRIOR 1 OCT	AFTER 1 OCT	MFG TIM	TOTAL AFTER 1 OCT	REMARKS
Lockheed Martin		15	TBD					* FY97 C130-J (tail number 5472) will be converted to the WC 130-j configuration in FY99.
86 South Cobb Drive								
Marietta GA 30063-0290			INIT					
			REORDER					

UNCLASSIFIED

BUDGET ITEM JUSTIFICATION SHEET	Date: Feb 98
APPROPRIATION/BUDGET ACTIVITY	**P-1 ITEM NOMENCLATURE**
AIRCRAFT PROCUREMENT/BA03, TRAINER AIRCRAFT	Joint Primary Aircraft Training System (JPATS) T-6A Texan II

	FY 1997/ Prior	FYI998	FY1999	FY 2000	FY 2001	FY 2002	FY 2003	To Comp	Total
QUANTITY	24	22	19	23	29	52	59	144	372
COST (In Millions)	160.6	75.9	107.1	85.5	100.6	217.4	255.0	663.5	1665.6
Initial Spares (in M)	0	0	0	0	0	0	62.5	59.6	122.1
Total (In Millions)	160.6	75.9	107.1	85.5	100.6	217.4	317.5	723.1	1787.7
Flyaway U/C ($M)	5.0	3.2	3.0	2.6	2.6	3.8	3.9	4.1	3.8
Weapon System U/C	6.9	3.5	5.6	3.7	3.5	4.2	5.4	5.0	4.8

MISSION AND DESCRIPTION:

Supports Air Education and Training Command's (AETC) implementation of Specialized Undergraduate Pilot Training (SUPT) and the Department of Defense initiative for joint pilot training. The Joint Primary Aircraft Training System (JPATS T-6) is a joint USAF/USN venture to replace the Services' fleet of primary trainer aircraft (T-37/T-34 respectively) and procures associated Ground Based Training Systems (GBTS). The USAF's T-37 aircraft average over 35 years of age. They have antiquated, increasingly unsupportable and non-representative avionics, as well as, underpowered and fuel inefficient engines. Cockpits are unpressurized, resulting in the largest number of physiological incidents in the Air Force. The USAF will serve as the Lead Executive Service.

The USAF planned quantity is 372, with the first procurement in FY95. The USN planned quantity is 339, beginning in FYOO. The JPATS program involves the missionization of a commercial derivative aircraft, equipment, components.

FY 98 PROGRAM JUSTIFICATION:

FY98 funding will procure 22 aircraft and associated support. Aircraft are required to begin training at Randolph AFB TX

FY 99 PROGRAM JUSTIFICATION:

FY 99 funding will procure 19 aircraft and associated support. Aircraft are required to begin training at Randolph AFB, TX.

UNCLASSIFIED

AIRCRAFT COST ANALYSIS EXHIBIT P-5 (Dollars in Millions)	A. Appn/Budget Activity Title/No. 010/84740F		B. Popular Name Joint Primary Aircraf Training ystem		C. Manufacturer Raytheon Aircraft Co Nichita, Kansas		D. Date Feb-9	
	FY97 & Prior	QTY 24	FY98	QTY 22	FY99	QT 19	FY00	QT 2
FLYAWAY COST	Un Cos	Total cost	Uni Cos	Total cost	Uni cos	Tota co:	Uni cos	Tota Cos
AIRFRAME/CFE	5.1	*120.3*	*3.4*	70.:	3.(	*57.E*	2.E	6 0 . 7
ENGINE/ACCESSORIES								
Eng Model:								
AVIONICS								
ARMAMENT								
OTHER GFE								
FCO (All Flyaway Components)								
NON-RECURRING COSTS								
OTHER COSTS								
Subtotal FLYAWAY COSTS	5.1	*120.3*	*3.2*	*70.;*	3.(	*57.8*	*2.E*	*60.7*
GROUND BASED TRAINING SYSTEMS COSTS								
AIRFRAME/CFE	0.1	*0.0*	*0.0*	0.0(	6.(	*36.2*	*2.7*	*16.3*
ENGINE/ACCESSORIES								
Eng Model:								
AVIONICS								
ARMAMENT								
OTHER GFE								
FCO (All Flyaway Components)								
NON-RECURRING COSTS								
OTHER COSTS								
Subtotal GROUND BASED TRG SYS	0.1	0.0	*0.0*	0.(	6.(	*36.:*	*2.7*	16.:
OTHER COSTS								
AIRFRAME PGSE (Deferred Logistics)								
ENGINE PGSE								
AVIONICS PGSE								
PECULIAR TRAINING EQUIPMENT								
PUBLICATIONS/TECH. DATA								
FCO (ALL SUPPORT ITEMS)								
Program Management Administration (PMA)								
Subtotal OTHER COSTS	1.9	*40.3*	*0.2*	*5.:*	0.7	*13.1*	*0.4*	*8.5*
GROSS P-I COST	6.9	*160.6*	*3.4*	*75.1*	9.i	*107.1*	*5.7*	*85.5*
0 LESS: Prior Yr Adv. Proc		*0.0*		0.(		*0.0*		*0.0*
1 NET P-I COST	6.9	160.6	*3.4*	75.9	9.7	*107.1*	*5.7*	*85.5*

EXHIBIT P-5

BUDGET PROCUREMENT HISTORY AND PLANNING EXHIBIT (P-5A) FY99 President's Budget				A. DATE Feb 98						
B. Appropriation/Budget Activity 3010/84740F			C. P-1 Item Nomenclature Joint Primary Aircraft Training System (JPATS)							
Cost Elements Fiscal Year	Contractor and Location	Contract Method & Type	Contracted By	Award Date	Date of First Delivery	Quantity	Unit cost	Specs Available Now	Specs REV REQ'D	If Yes, when Available
AIR VEHICLE										
FY95	Raytheon Aircraft	C/FPO	ASC/YT WPAFB OH	Feb-96	Des-98	3	9.1	Yes	No	N/A
FY96	Wichita, Kansas	C/FPO	ASC/YT WPAFB OH	Sep-96	Mar-99	6	5.6	Yes	No	N/A
FY97		C/FPO, FPIF with EPA	ASC/YT WPAFB OH	Apr-97	Jun-99	15	4.0	N/A	N/A	N/A
FY98		C/FPO, FPIF with EPA	ASC/YT WPAFB OH	Feb-98	Feb-00	22	3.2	N/A	N/A	N/A
FY99		C/FPO, FPIF with EPA	ASC/YT WPAFB OH	Feb-99	Feb-01	19	3.0	N/A	N/A	N/A

D. REMARKS:

Variations in Unit Cost from FY to FY: There is a significant amount of non-recurring associated with FY95 which decreases in FY96 and FY97.

FY98/99 BUDGET PRODUCTION SCHEDULE

P-1 ITEM NOMENCLATURE
Joint Primary Aircraft Training System (JPATS)

DATE Feb 1998

Item/Manu Proc Year	SERV	Proc Qty	Accep. Prior to 1 Oct	Bal Due as of 1 Oct	FISCAL YEAR 96 1995 OCT	NOV	DEC	CALENDAR YEAR 1996 JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	FISCAL YEAR 97 1996 OCT	NOV	DEC	CALENDAR YEAR 97 JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	FISCAL YEAR 98 1997 OCT	NOV	DEC	CALENDAR YEAR 98 JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	BALANCE
Air Vehicle FY95	F	3																																							3
Air Vehicle FY96	F	6																																							6
Air Vehicle FY97	F	15																																							15
Air Vehicle FY98	F	22																																							22
Air Vehicle FY99	F	19																																							19
Air Vehicle FY00	F	31																																							31
Air Vehicle FY01	F	53																																							53
Air Vehicle FY02	F	76																																							76
Air Vehicle FY03	F	83																																							83

Manufacturer's Name and Location	Production Rates Min/Sust Rate	1-8-5	Max	rd md
Air Vehicle	12	1-8-5	96	
Raytheon Aircraft Co.				
Witchita Kansas				

PROCUREMENT LEAD TIMES

	Admin Lead Time Prior to October 1	After October	MFG TIME	TOTAL
Initial	TBD	TBD	TBD	
Reorder	TBD	TBD	TBD	

REMARKS:

USAF Buy + USN Buy

P-1 SHOPPING LIST

PAGE 1 OF 3

FY98/99 BUDGET PRODUCTION SCHEDULE

P-1 ITEM NOMENCLATURE
Joint Primary Aircraft Training System (JPATS)

DATE January 1998

Item/Manu Proc Year	SERV	Proc Qty	Accep. Prior to 1 Oct	Bal Due as of 1 Oct	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	BALANCE
					FISCAL YEAR 99												FISCAL YEAR 00												FISCAL YEAR 01												
					1998			CALENDAR YEAR 1999									1999			CALENDAR YEAR 00									2000			CALENDAR YEAR 01									
Air Vehicle FY95	F	3					1	1	1																																0
Air Vehicle FY96	F	6								2	2	2																													0
Air Vehicle FY97	F	15											2	2	2	2	2	2	1	2																					0
Air Vehicle FY98	F	22																			2	2	2	2	2	2	2	2	1	2	1	2									0
Air Vehicle FY99	F	19																															1	2	1	2	1	2	1	2	7
Air Vehicle FY00	F	31																																							0
Air Vehicle FY01	F	53																																							0
Air Vehicle FY02	F	76																																							0
Air Vehicle FY03	F	83																																							0

Manufacturer's Name and Location	Production Rates Min/Sust Rate	1-8-5	Max	rd md
Air Vehicle	12	1-8-5	96	
Raytheon Aircraft Co.				
Witchita, Kansas				

PROCUREMENT LEAD TIMES

	Admin Lead Time Prior to October 1	Admin Lead Time After October 1		TIME	TOTAL
Initial	TBD	TBD		TBD	
Reorder	TBD	TBD		TBD	

REMARKS:

USAF Buy + USN Buy

FY98/99 BUDGET PRODUCTION SCHEDULE					P-1 ITEM NOMENCLATURE Joint Primary Aircraft Training System (JPATS)																								DATE January 1998
					FISCAL YEAR 02												FISCAL YEAR 03												
					2001			CALENDAR YEAR 2002									2002			CALENDAR YEAR 2003									
Item/Manu Proc Year	SERV	Proc Qty	Accep. Prior to 1 Oct	Bal Due as of 1 Oct	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	BALANCE
Air Vehicle FY95	F	3	3	0																									0
Air Vehicle FY96	F	6	6	0																									0
Air Vehicle FY97	F	15	15	0																									0
Air Vehicle FY98	F	22	22	0																									0
Air Vehicle FY99	F	19		12	1	2	2	2																					0
Air Vehicle FY00	F	31		0					2	2	2	2	2	3	3	3	3	3	3	3									0
Air Vehicle FY01	F	53		0																	4	4	4	4	4	4	4	4	21
Air Vehicle FY02	F	76		0																									0
Air Vehicle FY03	F	83		0																									0

Manufacturer's Name and Location	Production Rates Min/Sust Rate	1-8-5	Max	rd md
Air Vehicle	12	1-8-5	96	
Raytheon Aircraft Co.				
Witchita, Kansas				

PROCUREMENT LEAD TIMES

	Admin Lead Time Prior to October 1	Admin Lead Time After October 1	MFG TIME	TOTAL
Initial	TBD	TBD	TBD	
Reorder	TBD	TBD	TBD	

REMARKS:

USAF Buy + USN Buy

SIMULATOR AND TRAINING DEVICE JUSTIFICATION FY99 President's Budget (PB)			($ M)					DATE Feb-98	
Appropriation/P- 1 Line Item 3010 O/Joint Primary Aircraft Training System (JPATS)			Weapon System(If Applicable) JPATS			Equipment Nomenclature			PE 84740F
Fin Plan	Prior Yrs	CY (98)	BY1 (99)	BY2 (00)	BY2+1	BY2+2	BY2+3	BY2+4	Total
Quantity	5	0	6	6	6	6	9	9	60"
Proc	0.0	0.0	36.2	16.3	15.9	12.2	18.4	19.2	146.8
RDT&E	5.9	26.6	34.2	31.4	21.2	0.0	0.0	0.0	119.3
O&S	0.0	0.0	0.0	0.0	1.7	5.6	5.8	6.9	80.9""

TRAINING SYSTEM DESCRIPTION

Training will consist of a single primary phase (JPATS) and a dual advanced phase in either the T-1 A or T-38 aircraft. The objective of both the Air Force and the Navy is to jointly acquire an integrated training system using similar hardware with like capabilities. Components of the system include simulators, curricula, contract logisitic support and aircraft. This project represents the ground based training portion of the system.

* Quantity consists of 5 for RDT&E and 55 for Procurement.
** O&S total is from FY01-FY14. FY15-FY38 is TBD.

	P-1 Shopping List Item No.	Page No.	EXHIBIT P-43 Simulator & Training Device Justification
		1	

SIMULATOR AND TRAINING DEVICE JUSTIFICATION (Page 2)		($M) FY99 President's Budget								DATE: Feb-98			
Appropriation/ P-1 Line Item		Weapon System (If Applicable)		IOC Date	Equipment Nomenclature				PE				
3010/JPATS		JPATS		Aug-01					84740F				
Training Device	Site	Delivery	Ready for	Average Student	Prior Years		Current Year (98)		Budget Year1 (99)		Budget Year2 (00)		
By Type		Date	Training Date	Throughput	Qty	cost	Qty	cost	Qty	cost	Qty	cost	
JFT	Various				0	N/A	0	N/A	2	4.7	2	4.7	
FT	Various				0	N/A	0	N/A	2	2.1	2	2.1	
JTD	Various				0	N/A	0	N/A	2	3.6	2	3.6	
EGRESS	Various				0	N/A	0	N/A	0	N/A	1	0.3	
EJECT	Various				0	N/A	0	N/A	0	N/A	1	0.3	
TIMS	Various				0	N/A	0	N/A	6	13.1	0	N/A	
TRNG AIDS	Various				0	N/A	0	N/A	0	N/A	4	3.6	
MOD & UPDATE SUPPORT	Various				0	N/A	0	N/A	1	0.8	0	N/A	
		P-l Shopping List		Item No.			Page No. 2		EXHIBIT P-43a				

BUDGET ITEM JUSTIFICATION SHEET	Date: Feb 98
APPROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT/BA-04, Other Aircraft	P-l ITEM NOMENCLATURE HH-60

	FY 96/Prior	FY 1997	FY 1998	FY 1999	FY2000	FY2001	FY 2002	FY 2003	To Comp	Total
QUANTITY	0	8	0	0	0	0	0	0	0	8
COST (IN millions)	0	107.5	0	0	0	0	0	0	0	107.5
Initial Spares (in M)	0	0	0	0	0	0	0	0	0	0
Total (in Millions)	0	107.5	0	0	0	0	0	0	0	107.5
Unit Cost (in M)	0	13.5	0	0	0	0	0	0	0	13.5

MISSION AND DESCRIPTION:

The objective of this program is to procure eight additional HH-60 helicopters. The aircraft will be acquired from the US Army multi-year contract with Sikorsky and converted to the latest combat rescue configuration to meet operational requirements. The FY97 program provides funds for the procurement of eight HH-60 helicopters to include missionization for the Combat Search and Rescue (CSAR) mission. Procurement of these eight helicopters fixes a force structure deficit, satisfies attrition reserve requirements, provides the capability to meet ongoing operations without using Special Operations Forces, and allows the Air Force to support the Committee on Roles and Missions recommendations and Secretary of Defense direction to become the executive agent for CSAR.

FY99 PROGRAM JUSTIFICATION: N/A

AIRCRAFT COST ANALYSIS EXHIBIT P-5 (Dollars in Millions)	A. Appn/Budget Activity Title/No. Aircraft Procurement Other Aircraft/BA 4	B. Popular Name HH-60		C. Manufacturer Sikorsky Startford. CT		D. Date Sep-98	
		FY97	QTY 8	FY98	QTY 0	FY99	QTY 0
		Unit Cost	Total cost	Unit cos	Total Cost	Unit Cost	Total Cost
AIRFRAME/CFE		5.5	44.0		0.0		0.0
PROPULSION		1.6	12.7		0.0		0.0
ENGINE/ACCESSORIES			0.0		0.0		0.0
Eng Model: F-l 18-GE-100			0.0		0.0		0.0
AVIONICS		3.4	27.2		0.0		0.0
WEAPON DELIVERY SYSTEM			0.0		0.0		0.0
OTHER GFE		0.4	3.1		0.0		0.0
ECO (All Flyaway Components)			0.0		0.0		0.0
NON-RECURRING COSTS			0.0		0.0		0.0
MISSIONIZATION		2.2	17.3		0.0		0.0
Subtotal FLYAWAY COSTS		13.0	104.3	0.0	0.0	0.0	0.0
AIRFRAME PGSE (Deferred Logistics)			0.0		0.0		0.0
ENGINE PGSE			0.0		0.0		0.0
AVIONICS PGSE			0.7		0.0		0.0
PECULIAR TRAINING EQUIPMENT			0.0		0.0		0.0
PUBLICATIONS/TECH. DATA			1.8		0.0		0.0
OTHER (ICS)			0.0		0.0		0.0
S/W INVESTMENT			0.0		0.0		0.0
Program Management Admin Reqmt (PMAR)			0.7		0.0		0.0
OTHER			0.0		0.0		0.0
Subtotal SUPPORT COST			3.2		0.0		0.0
GROSS P-I COST			107.5		0.0		0.0
20 LESS: Prior Yr Adv. Proc			0.0		0.0		0.0
21 **NET P-I COST**			107.5		0.0		0.0

BUDGET PROCUREMENT HISTORY AND PLANNING EXHIBIT (P-5A) Y 99 Amended Budget Estimate Submission				A. DATE Feb-98						
B. Appropriation/Budget Activity 010/ BA 04 / OTHER AIRCRAFT			C. P-1 Item Nomenclature HH - 60							
:ost Elements iscal Year	Contractor and Location	Contract Method & Type	Contracted BY	Award Date	Date of First Delivery	Quantity	Unit cost	Specs Available Now	Specs REV REQ'D	If Yes, when Available
IR VEHICLE										
Y97	Sikorsky Stratford, CT	Multi - year option fixed price	US Army ATCOM	Apr-97	Jun-98	8	13.5	Yes	Yes	Des-96

). REMARKS:

FY98/99 PRESIDENTS BUDGET SCHEDULE **P-1 ITEM NOMENCLATURE** HH-60 **DATE** Feb 98

Item/Manu Proc Year	SERV	Proc Qty	Accep Prior to 1 Oct	Bal Due as of 1 Oct	FISCAL YEAR 97			FISCAL YEAR 98											FISCAL YEAR 99																							
								CALENDAK YEAR 97											CALENDAR YEAR 98												CALENDAR YEAH 9											
					OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	L T
HH-60																																									
FY 97	Al-	8		8																				1	1	1	1	2	1	1										0

Manufacturer's Name and Location	Production Rates Min Sust	I-8	Ma	rd md
Sikorsky Stratford, CT	1/5 wks	1/5 wks		d+

PROCUREMENT LEAD TIMES

	Admin Lead Ti	MFG TIME	TOTAL AFTER OCT
Int Reorder			

REMARKS:
Procured via Army HH-60 MYP Contract.

P-1 SHOPPING LIS I PAGE 1 OF 1 EXHIBIT P-21

BUDGET ITEM JUSTIFICATION SHEET	DATE Feb 98
APPROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT/ SPECIAL OPERATIONS AIRCRAFT	P-l ITEM NOMENCLATURE CV-22 Special Operation Aircraft

	PY	FY 96	FY 97	FY 98	FY 99	FY 00	FY 01	FY02	FY03	TO COMP	TOTAL
QUANTITY	0	0	0	0	0	0	4	6	9	31	50
Cost (In Millions)	0	0	0	0	22.31	50.81	378.71	412.11	492.91	1583.61	2940.4
Initial Spares (in M)	0	0	0	0	0	0	17.4	70.2	70.7	427.3	585.5
Total (In Millions)	0	0	0	0	22.3	50.8	396.1	482.3	563.6	2010.9	3526.0
Unit Cost (in Millions)							99.0311	80.3771	62.6251	64.8671	70.519

MISSION AND DESCRIPTION:

The CV-22 is a Special Operations Forces (SOF) variant of the V-22 vertical lift, multi-mission aircraft. The CV-22 will provide long-range, high speed infiltration, exfiltration, and resupply to special forces teams in hostile, denied, and politically sensitive areas. The Navy is the lead service for the joint V-22 program and is responsible for managing and funding the development of all V-22 variants, including the CV-22. The Air Force will procure and field 50 CV-22 aircraft and support equipment for USSOCOM, conduct IOT&E, and provide Type I training. USSOCOM funds the procurement of SOF unique systems, e.g. terrain following radar, electronic warfare suite, etc. The Air Force will fund 85 percent of the procurement cost for CV-22 training systems; USSOCOM, 15 percent. The Air Force and Navy will utilize joint training facilities at MCAS New River, NC to conduct all maintenance training and initial V-22 aircrew qualification training. CV-22 SOF-unique aircrew mission training will be conducted at the Special Operations Mission Qualification Schoolhouse at Kirtland AFB, NM. CV-22 procurement is a FY99 Air Force new start.

FY 99 PROGRAM JUSTIFICATION:

FY99 funds the Air Force share of the cost to procure a CV-22 unique Weapon System Trainer (WST). Complementary funds have been budgeted by USSOCOM for their portion of the WST. The CV-22 WST will be a 6 degree-of-freedom, full flight simulator that includes day/night/dusk instrument conditions, terrain following/terrain avoidance radar, forward looking infrared sensor, night vision goggle compatibility, and electronic warfare simulation. It will be integrated with the other trainers in the SOF training complex at Kirtland AFB. The WST requires a three year lead time for delivery. In order to support CV-22 initial operational capability (Oct 05), initial aircraft delivery (Mar 03) and ready for training (Sep 02) milestones, procurement of the WST must begin in FY99.

WEAPON SYSTEM COST ANALYSIS EXHIBIT (P-5) FY99 PB	Appropriation/Budget Activity Title/No. 30 1 0/CV-22	B. Weapon Model/Series/Popular Name cv-22	:. Manufacturer Name Plant City/State location Bell-Boeing ort Worth, TX	D. Date Feb 98

Weapon System Cost Elements	Ident. Code	FY 96 Unit Cost	FY 96 Tot. Cost	FY97 Unit Cost	FY97 Tot. Cost	FY98 Unit Cost	FY98 Tot. Cost	FY99 Unit Cost	FY99 Tot. Cost
1 Airframe CFE									
2 Engines/Eng Acc									
3 CFE Electronics									
4 GFE Electronics									
5 Armament									
6 Other GFE									
7 Rec Flyaway ECO									
8 Rec Flyaway Cost									
9 Non-Recur Cost									
10 Ancillary Equip									
11									
12 Total Flyaway									
13 Airframe PGSE									
14 Engine PGSE									
15 Avionics PGSE									
16 Pec Training Eq									22.30
17 Pub/Tech Eq									
18 Other ILS									
19 Prod Eng Supt									
20									
21 support cost									22.30
22 Gross P-I Cost									22.30
23 Adv Proc Credit									
24 Net P-I Cost									22.30
25 Adv Proc CY									
26 Weapon System Cost									22.30
27 Initial Spares									
28 Total (Then Year Thousands of$)	-	-	-	-	-	-	-	-	**22.30**

P-43	SIMULATOR AND TRAINING DEVICE JUSTIFICATION (TY$M)							DATE: Feb 98		
Appropriation/P-I Line Item Prod 3010				Weapon System CV-22 SOF				Equipment Nomenclature		
Fin Plan	Prior Years	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	Total	
Quantity				1	1	2	2	0	6	
Procurement*				22.276	18.772	38.369	36.165	0.364	115.946	

The Air Force and Navy will conduct joint training at MCAS New River, NC for maintenance training and initial V-22 aircrew qualification training. Development of the joint training facility is funded by the Navy. CV-22 SOF-unique aircrew mission training will be conducted at the Special Operations Mission Qualification Schoolhouse at Kirtland AFB, NM. In order to support the CV-22 IOC date of Oct 05, a CV-22 training capability must be in place by the Sep 02 Ready for Training (RFT) date. Initial training will require a Weapon System Trainer (WST), which has a three year procurement lead time, and an Operational Flight Trainer (OFT), which has a two year procurement lead time. The CV-22 WST will be a 6 degree-of-freedom, full flight simulator that includes day/night/dusk instrument conditions, terrain following/terrain avoidance radar, forward looking infrared sensor, night vision goggle compatibility, and electronic warfare simulation. It will be integrated with the other trainers in the SOF training complex at Kirtland AFB. Delivery of the WST (and OFT) is required by Mar 02 to allow time for installation, integration, and shake-down prior to RFT. Initial instructor cadre checkout needs to be accomplished prior to aircraft delivery beginning in Mar 03. The first four CV-22 aircraft will be training assets based at Kirtland AFB; they will deliver between Mar 03 and Sep 03. The CV-22 training facility at Kirtland AFB will include a 2 Weapon System Trainers (WST), 2 Operational Flight Trainers (OFT), one Cabin Part Task Trainer (CPTT), and one Training System Support Center (TSSC). Four additional OFTs will be procured for unit level training at SOF air bases.

P-43 Page 2	SIMULATOR AND TRAINING DEVICE JUSTIFICATION (TY$M) (Pane 2)				DATE: Feb 98							
Appropriation/P-1 Line Item Prod 3010			Weapon System CV-22 SOF		IOC Date: 1QFY06		Equipment Nomenclature		PE: 1160404BB			
					Prior Years		FY 1999		To Complete		Total	
Training Device by Type	Site	Delivery Date	Ready for Training Date	Average Student Throughput	QTY	cost	QTY	cost	QTY	cost	QTY	cost
Weapon System Trainer (WST)	Kirtland	2QFY02	4QFY02	41			1	22.276			1	22.276
Operational Flight Trainer (OFT)	Kirtland	2QFY02	4QFY02	41					1	15.016	1	15.016
OFT-(TSSC Configuration)	Kirtland	2QFY03	3QFY03	N/A *					1	13.973	1	13.973
OFT	Hurlburt	1QFY03	3QFY03	62					1	15.016	1	15.0161
Cabin Part Task Trainer (CPTT)	Kirtland	3QFY03	4QFY03	72					1	9.159	1	9.159
OFT	Kirtland	2QFY04	3QFY04	41					1	15.016	1	15.016
WST	Kirtland	2QFY05	3QFY05	41					1	18.904	1	18.904
OFT	EUCOM	1QFY06	3QFY06	23					1	15.016	1	15.016
OFT	West Cst	4QFY06	2QFY07	62					1	15.016	1	15.016
OFT	PACOM	1QFY08	3QFY08	23					1	15.016	1	15.016
Support										5.781	1	5.781

WST is a full fidelity motion based simulator. OFT is a full fidelity, non-motion based simulator. CPTT is a full scale mock-up of the cabin to train flight engineers in loadmaster/crew chief duties (loading and unloading of the aircraft, hoist operations, cabin rigging for airdrop and paratrooper operations.

*OFT-TSSC is a support tool for database development, software concurrency modifications and curriculum updates.

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UNCLASSIFIED

BUDGET ITEM JUSTIFICATION SHEET	Date: Feb 98
APPROPRIATION/BUDGET ACTIVITY AIRCRAFT, PROCUREMENT/BA-04, Other Aircraft	P-l ITEM NOMENCLATURE C-37A (Small VCX)

	FY 96/Prior	FY 1997	FY 1998	FY 1999	FY2000	FY2001	FY 2002	FY 2003	To Comp	Total
QUANTITY		2	1							3
COST (IN millions)		99.1	5.9							105.0
Initial Spares (in M)		3.5								3.5
Total (in Millions)		102.6	5.9							108.5
Unit Cost (in M)										49.6

MISSION AND DESCRIPTION:

The C-37A is a long-range executive passenger jet that will provide worldwide air transportation for the Vice President, cabinet members, congressional delegations, Presidential emissaries, and other high ranking dignitaries of the United States. FY97 funds provide for the procurement of two commercial, off-the-shelf, long-range aircraft as well as missionization of these aircraft. The current C- 137 fleet averages 35 years of age, is costly to operate and lacks the performance and safety features common in commercial aircraft. Replacement aircraft are required that offer improved reliability, reduced O&S costs, compliance with Federal Aviation Administration (FAA) and International Civil Aviation Organization (ICAO) noise and pollution standards.

FY98 program is for C-37A aircraft procurment for the U.S. Army as directed by the FY98 Defense Appropriation Bill. This will be combined with funds available from prior year savings and proceeds from the trade-in of an Army C-20 aircraft.

FY99 PROGRAM JUSTIFICATION:

AIRCRAFT COST ANALYSIS EXHIBIT P-5 (Dollars in Millions)	A. Appn/Budget Activity Title/No. Aircraft Procurement Other Aircraft/BA 4	B. Popular Name C-37 Small VCX		C. Manufacturer Boeing Seattle, WA		D. Date	Feb-9
		FY97	Q N 2	FY98	Q N 1	FY99	QTY (
		Unit cost	Total cost	Unit cost	Total cost	Unit cost	Tota cos
AIRFRAME/CFE		36.1	72.2	N/A	5.9		0.0
PROPULSION			0.0		0.0		0.0
ENGINE/ACCESSORIES			0.0		0.0		0.0
Eng Model: F-l 18-GE-100			0.0		0.0		0.0
AVIONICS .			0.0		0.0		0.0
WEAPON DELIVERY SYSTEM			0.0		0.0		0.0
OTHER COSTS (FAA/Service Bulletins)			0.0	0.0	0.0		0.0
ICO (All Flyaway Components)			0.0		0.0		0.0
NON-RECURRING COSTS			0.0		0.0		0.0
MISSIONIZATION			0.0		0.0		0.0
Subtotal FLYAWAY COSTS		36.1	72.2	0.0	5.9	0.0	0.0
AIRFRAME PGSE (Deferred Logistics)			0.0		0.0		0.0
ENGINE PGSE			0.0		0.0		0.0
AVIONICS PGSE			0.0		0.0		0.0
PECULIAR TRAINING EQUIPMENT			0.0		0.0		0.0
PUBLICATIONS/TECH. DATA			0.0		0.0		0.0
OTHER (ICS)			0.0		0.0		0.0
S/W INVESTMENT			0.0		0.0		0.0
Program Management Admin Reqmt (PMAR)			0.0		0.0		0.0
OTHER (Army Aircraft Source)			26.9		0.0		0.0
Subtotal SUPPORT COST			**26.9**		**0.0**		**0.0**
GROSS P-l COST			99.1		**5.9**		**0.0**
20 LESS: Prior Yr Adv. Proc			**0.0**		**0.0**		**0.0**
21 NET P-l COST			**99.1**		**5.9**		**0.0**

EXHIBIT P-t

BUDGET PROCUREMENT HISTORY AND PLANNING EXHIBIT (P-5A) FY 99 Amended Budget Estimate Submission			A. DATE Feb-98							
B. Appropriation/Budget Activity Aircraft Procurement/BA04, Other Aircraft			C. P-I Item Nomenclature C-37 Small VCX							
Cost Elements Fiscal Year	Contractor and Location	Contract Method & Type	Contracted By	Award Date	Date of First Delivery	Quantity	Unit Cost ($M)	Specs Available Now	Specs REV REQ'D	If Yes, when Available
AIR VEHICLE										
FY97	Gulf Stream Aerospc	FFP	ASC/LAAV	May 97	Aug-98	2	36.1	Yes	No	N/A
FY98	Gulf Stream Aerospc	FFP	ASCILAAV	Mar 96	Jan-00	1	37.0	Yes	No	N/A

D. REMARKS:

FY99 BUDGET ESTIMATE SUBMISSION	P-1 ITEM NOMENCLATURE C-37 Small VCX	DATE Sept 97

Item/Manu Proc Year	SERV	Proc Qty	Accep Prior to 1 Oct	Bal Due as of 1 Oct	FISCAL YEAH 97												FISCAL YEAH 98												FISCAL YEAR 99											
					CALENDAK YEAH 97												CALENDAK YEAH 98												CALENDAR YEAR 99											
					OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	L
C-37A VCX																																								
FY 97	AF	2		2																					1		1													
FY 97/98	AF	1		1																																				1

Manufacturer's Name and Location	Production Rates Min Sust	1-8- Ma	rd md
TBD	3 mon	3mon	d+

PROCUREMENT LEAD TIMES

	Admin Lead Time	MFG TIME	TOTAL AFTER OCT
Int			24 Mo.
Reorder	5 mo	3 mo	

REMARKS:

UNCLASSIFIED

BUDGET ITEM JUSTIFICATION SHEET	Date: Feb 98
APPROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT/BA-04, Other Aircraft	P-l ITEM NOMENCLATURE C-32 VCX)

	FY 96/Prior	FY 1997	FY 1998	FY 1999	FY2000	FY2001	FY 2002	FY 2003	To Comp	Total
QUANTITY			2	2						4
COST (IN millions)			185.9	160.9						346.8
Initial Spares (in M)										
Total (in Millions)			185.9	160.9						346.8
Unit Cost (in M)										86.7

MISSION AND DESCRIPTION:
The C-32 is a long-range executive passenger jet that will provide worldwide air transportation for the Vice President, cabinet members, Congressional delegations, Presidential emissaries, and other high ranking dignitaries of the United States.

FY 98/99 PROGRAM JUSTIFICATION:

The FY98/99 program provides funds for the procurement of four C-32A aircraft - Boeing 757-200s. These aircraft are being acquired under a FY96 commercial lease-to-purchase contract. The current C- 137 fleet averages 35 years of age, is costly to operate and lacks performance and safety/navigation features inherent on modern commercial aircraft. The C-32A provides improved reliability, lower operating and support costs, will incorporate the latest navigation and safety features, and comply with Federal Aviation Administration (FAA) and International Civil Aviation Organization (ICAO) noise and pollution standards.

Communication Upgrades and GATM mods planned beyond FY99.

AIRCRAFT COST ANALYSIS EXHIBIT P-5 (Dollars in Millions)	A. Appn/Budget Activity Title/No. Aircraft Procurement Other Aircraft/BA 4	B. Popular Name 5-32 (VCX)		C. Manufacturer Boeing Seattle, WA		D. Date Feb 98	
		FY97	QTY 0	FY98	QTY 2	FY99	QTY 2
		Unit Cost	Total cost	Unit cost	Total Cost	Unit Cost	Total Cost
AIRFRAME/CFE			0.0	89.8	179.6	77.5	155.0
PROPULSION			0.0		0.0		0.0
ENGINE/ACCESSORIES			0.0		0.0		0.0
Eng Model: F-l 18-GE-100			0.0		0.0		0.0
AVIONICS			0.0		0.0		0.0
WEAPON DELIVERY SYSTEM			0.0		0.0		0.0
OTHER COSTS (FAA/Service Bulletins)			0.0	2.6	5.2	3.0	5.9
ECO (All Flyaway Components)			0.0		0.0		0.0
NON-RECURRING COSTS			0.0		0.0		0.0
MISSIONIZATION			0.0		0.0		0.0
Subtotal FLYAWAY COSTS		0.0	0.0	92.4	184.8	80.5	160.9
AIRFRAME PGSE (Deferred Logistics)			0.0		0.0		0.0
ENGINE PGSE			0.0		0.0		0.0
AVIONICS PGSE			0.0		0.0		0.0
PECULIAR TRAINING EQUIPMENT			0.0		0.0		0.0
PUBLICATIONS/TECH. DATA			0.0		0.0		0.0
OTHER (ICS)			0.0		1.1		0.0
WV INVESTMENT			0.0		0.0		0.0
Program Management Admin Reqmt (PMAR)			0.0		0.0		0.0
OTHER			0.0		0.0		0.0
Subtotal SUPPORT COST			0.0		1.1		0.0
GROSS P-l COST			0.0		185.9		160.9
20 LESS: Prior Yr Adv. Proc			0.0		0.0		0.0
21 NET P-l COST			0.0		**185.9**		**160.9**

EXHIBIT P-5

BUDGET PROCUREMENT HISTORY AND PLANNING EXHIBIT (P-5A) Y 99 Amended Budget Estimate Submission				A. DATE Feb-98						
B. Appropriation/Budget Activity ircraft Procurement/BA04, Other Aircraft			C. P-I Item Nomenclature C-32 (VCX)							
ost Elements iscal Year	Contractor and Location	Contract Method & Type	Contracted By	Award Date	Date of First Delivery	Quantity	Unit Cost ($M)	Specs Available Now	Specs REV REQ'D	If Yes, when Available
IR VEHICLE										
Y 98	Boeing Company	FFP	ASCILAAV	Aug-96	Mar - 98	2	92.4	Yes	No	N/A
Y 97/98	Boeing Company	FFP	ASCILAAV	Aug-96	Oct - 99	2	80.5	Yes	No	N/A

). REMARKS:

FY99 BUDGET ESTIMATE SUBMISSION	P-1 ITEM NOMENCLATURE C-32 VCX	DATE Sept 97

Item/Manu Proc Year	SERV	Proc Qty	Accep Prior to 1 Oct	Bal Due as of 1 Oct	FISCAL YEAR 97												FISCAL YEAR 98												FISCAL YEAR 99												LTR
					CALENDAR YEAR 97												CALENDAR YEAR 98												CALENDAR YEAR 99												
					OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
C-32 VCX																																								
FY 98	AF	2		2																		2																		
FY99	AF	2		2																									2												

Manufacturer's Name and Location	Production Rates Min Sust	1-8- Ma	rd md	PROCUREMENT LEAD TIMES	Admin Lead Time	MFG TIME	TOTAL AFTER OCT	REMARKS:
Boeing Aircraft Company	3 mon	3 mon	d+					
	1			Int	3 Mo.	12 Mo	15 Mo.	
				Reorder				

P-1 SHOPPING LIST

BUDGET ITEM JUSTIFICATION SHEET	Date: Feb 98
APPROPRIATION/BUDGET ACTIVITY	P-l ITEM NOMENCLATURE
AIRCRAFT PROCUREMENT/BA04, OTHER AIRCRAFT	Joint STARS

	FY96/P	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	To Complete	Total
QUANTITY	8	2	1	2	0	0	0	0	0	13
COST (In Millions)	1647.8	390.6	305.3	463.0	47.5	12.0	13.0	7.6	TBD	2886.6
Initial Spares (in M)	143.4	0.0	71.6	67.5	87.1	81.0	38.9	35.3	0	524.8
Total (In Millions)	1791.1	390.6	377.5	531.2	135.4	93.5	51.9	42.9	TBD	3414.1
Unit Cost (in M)	242.4	233.5	271.1	249.1						

MISSION AND DESCRIPTION:

The Joint Surveillance Target Attack Radar System (Joint STARS) is a Joint Army and AF Program, with the AF as the lead service. The Joint STARS system provides real time surveillance of the battlefield and rear echelons. The system detects, identifies, and tracks enemy armor and vehicular traffic and provides their locations to AF and Army Commanders to assess intentions and manage primary segments (airborne and ground). Joint STARS is unique because it is a closed loop system for real time detection, tracking and attack of enemy ground moving targets, using moving target indicator and synthetic aperture radar techniques. Joint STARS integrates the accurate attack of enemy forces by providing position updates and precise enemy location in real time to direct attack aircraft, friendly artillery and standoff missiles. The Army Corps Commander requires wide area surveillance information to understand enemy force buildups and scheme of maneuver, in order to apply effective and timely maneuver of forces, battlefield management, and targeting of artillery and rockets. There is no other system planned to provide real time wide area surveillance of the Corps battlefield, closed loop target detection and tracking and real time attack targeting against first and second echelon armor, however the U.S. is conducting a feasibility study to explore other options for a cooperative development of a JSTARS variant. JSTARS provides a 2-5 day advanced look at enemy second echelon target detection, tracking and real time targeting permits the direction of direct attack aircraft, artillery, and standoff missiles against moving ground targets in real time, compared with current interdiction missions which are performed on a pre-planned basis.

FY99 PROGRAM JUSTIFICATION:

Procure 2 aircraft and associated support.

This unit cost is a computation of Total Flyaway divided by the quantity.

The above Aircraft Buy Schedule and funding reflect the FY99 PB Request position.

EXHIBIT P-5

WEAPON SYSTEM COST ANALYSIS EXHIBIT (P-5)	A. Appropriation/Budget Activity Title/No. AIRCRAFT PROCUREMENT AF/BA04/OTHER AIRCRAFT		B. Popular Name Joint STARS		C. Manufacturer Northop Grumman Corporation Melbourne Systems Division Melbourne, FL		D. Date FEB 98	
	FY97	QTY 2	FY98	QTY 1	FY99	QTY 2	FYOO	QTY 0
	Unit cost	Total cost	Unit cost	Total cost	Unit cost	Total cost	Unit cost	Total Cost
1. AIRFRAME	127.7	255.3	144.9	144.9	144.5	289.1	N/A	0.0
2. AVIONICS: CFE	62.6	125.1	73.1	73.1	60.8	121.5	N/A	0.0
GFE	3.2	6.5	5.9	5.9	2.6	5.2	N/A	0.0
3. ARMAMENT	0.0	0.0	0.0	0.0	0.0	0.0	N/A	0.0
4. OTHER GFE	0.0	0.0	0.0	0.0	0.0	0.0	N/A	0.0
5. ECO (ALL FLYAWAY COMPONENTS)	0.0	0.0	0.0	0.0	0.0	0.0	N/A	0.0
6. NON-RECURRING COSTS	8.8	17.5	16.0	16.0	9.6	19.1	N/A	0.0
7. OTHER COSTS	31.3	62.6	53.6	53.6	31.7	63.3	N/A	0.0
8. FLYAWAY COSTS	233.5	467.0	293.5	293.5	249.1	498.2	0.0	0.0
9. AIRFRAME PGSE								
10. ENGINE PGSE								
11. AVIONICS PGSE		3.1		8.3		5.3		0.0
12. PECULIAR TRAINING EQUIPMENT		13.2		5.4		6.1		0.0
13. PUBLICATIONS/TECH. DATA		5.7		8.5		5.1		4.4
14. PGM MGMT ADMIN. (PMA) REQ.		0.0		24.3		20.2		12.9
15. OTHER		30.0		32.2		43.3		30.3
16. SUPPORT COST		52.0		78.8		80.0		47.6
17. GROSS P-I COST	233.5	519.0	293.5	372.3	249.1	578.2	0.0	47.6
18. LESS: PRIOR YR ADV. PROC.		-128.5		-67.0		-115.2		0.0
19. NET P-I COST	233.5	390.6	293.5	305.3	249.1	463.0	0.0	47.6
20. PLUS: CURRENT YR ADV. PROC.		144.1		22.4		0.0		0.0
21. PLUS: INITIAL SPARES		0.0		72.2		68.2		87.9
22. PLUS: MODS (SKANTZE) (BP11)						44.2		30.1
23. TOTAL	233.5	534.6	293.5	399.9	249.1	575.4	0.0	165.5

NOTES:

3UDGET PROCUREMENT HISTORY AND PLANNING EXHIBIT (P-5A)	A. DATE: FEB 98
3. APPROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT,AF/BA04/OTHER AIRCRAFT	C. P-I ITEM NOMENCLATURE Joint STARS

COST ELEMENT/ FISCAL YEAR	CONTRACTOR AND LOCATION	CONTRACT METHOD &TYPE	CONTRACTED BY	AWARD DATE	DATE OF FIRST DELIVERY	QTY	UNIT COST	SPECS AVAIL NOW	SPEC REVIS REQ'D	IF YES, WHEN AVAIL
AIRFRAME										
FY97	GRUMMAN/MELBOURNE	SS/FP	ESC/JSK	JUN 97	FY00	2	233.5	YES	YES	ONGOING
FY98	GRUMMAN/MELBOURNE	SS/TBD	ESC/JSK	MAR 98	FY01	1	293.5	YES	YES	ONGOING
FY99	GRUMMAN/MELBOURNE	SS/TBD	ESC/JSK	OCT 98	FY01	2	249.1	YES	YES	ONGOING
FY00	N/A	N/A	N/A	N/A	N/A	0				
SUPPORT										
FY97	GRUMMAN/MELBOURNE	SS/FP	ESC/JSK	NOV 96	*	N/A	N/A	YES	YES	ONGOING
FY98	GRUMMAN/MELBOURNE	SS/FP	ESC/JSK	NOV 97	*	N/A	N/A	YES	YES	ONGOING
FY99	GRUMMAN/MELBOURNE	SS/FP	ESC/JSK	NOV 98	*	N/A	N/A	YES	YES	ONGOING
FY00	GRUMMAN/MELBOURNE	SS/FP	ESC/JSK	NOV 99	*	N/A	N/A	YES	YES	ONGOING

NOTE: FIRST EIGHT AIRCRAFT WILL BE ON A LOW RATE INITIAL PRODUCTION (LRIP) CONTRACT (REFERENCE UNDER SECRETARY OF DEFENSE (A&T) MEMORANDUM JOINT STARS (JSTARS) PRODUCTION (U) JUN 15, 1995).

* Support Cost consist of items such as PSE, CSE, Training. Date of first delivery will be lead time to support A/C delivery schedule

BIT P-21

FY99 Estimated PB Production Schedule | Exhibit P-21 | P-1 ITEM NOMENCLATURE: Joint STARS | DATE: FEB 98

Item/Manufacturer/ FY99 BES Database PE: 27581F BPAC:	SERV	PROC QTY	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	FISCAL YEAR 95												FISCAL YEAR 96												FISCAL YEAR 97										LAT ER
					CALENDAR YEAR 95												CALENDAR YEAR 96												CALENDAR YEAR 97										
					OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
JSTARS/GRUMMAN																																							
FY93	AF	2		2																		1																	1
FY94	AF	2		2																																			2
FY95	AF	2		2																																			2
FY96	AF	2		2																																			2
FY97	AF	2		2																																			2
FY98	AF	1		1																																			1
FY99	AF	2		2																																			2
FY00	AF																																						
FY01	AF																																						
FY02	AF																																						
TOTAL		13	0	13																																			

MANUFACTURER'S NAME AND LOCATION	PRODUCTION RATES MIN SUST	1-8-5	MAX	RD MD D+	C	PROCUREMENT LEAD TIMES ADMIN LEAD TIME PRIOR 1 OCT	AFTER 1 OCT	MFG TIME	TOTAL AFTER 1 OCT	REMARKS
Northop Grumman Corporation PO Box 9650 Melbourne, FL 32902	1	4	5	45	INIT REORDER	2	5	33 MOS	38 MOS	NO LONG LEAD TIME INCLUDED This represents the average cycle time for Full Procurement Only.

FY99 Estimated PB Production Schedule | Exhibit P-21 | P-I ITEM NOMENCLATURE: Joint STARS | DATE: FEB 98

Item/Manufacturer/ FY99 BES Database PE: 27581F BPAC:	SERV	PROC QTY	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	FISCAL YEAR 98 / CALENDAR YEAR 98 OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	FISCAL YEAR 99 / CALENDAR YEAR 99 OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	FISCAL YEAR 00 / CALENDAR YEAR 00 OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	LA
JSTARS/GRUMMAN																																										
FY93	AF	17	7	0																																						
FY94	AF	2	0	2		1						1																														
FY95	AF	2	0	2										1			1																									
FY96	AF	2	0	2																1				1																	
FY97	AF	2	0	2																															1				1			
FY98	AF	1	0	1																																						1
FY99	AF	2	0	2																																						2
FYOO	AF																																								
FY01	AF																																								
FY02	AF																																								
TOTAL		13	2	11																																					

MANUFACTURER'S NAME AND LOCATION	PRODUCTION RATES MIN SUST	I'-8-5	MAX	RD MD D+	PROCUREMENT LEAD TIMES ADMIN LEAD TIME PRIOR 1 OCT	AFTER 1 OCT	MFG TIME	TO1-AL AFTER 1 OCT	REMARKS
Northop Grumman Corporation									NO LONG LEAD TIME INCLUDED
PO Box 9650	1	4	5	45	INIT				This represents the average cycle time for Full Procurement Only.
Melbourne FL 32902					REORDER	2	5	33 MOS	38 MOS

FY99 Estimated PB Production Schedule	Exhibit P-21	P-1 ITEM NOMENCLATURE: Joint STARS	DATE: FEB 98

Item/Manufacturer/ FY99 BES Database PE: 27581F BPAC:	SERV	PROC QTY	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	FISCAL YEAR 01 / CALENDAR YEAR 01												FISCAL YEAR 02 / CALENDAR YEAR 02												FISCAL YEAR 03 / CALENDAR YEAR 03									LATER
					OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
JSTARS/GRUMMAN																																							
FY93	AF	2	2	0																																			
FY94	AF	2	2	0																																			
FY95	AF	2	2	0																																			
FY96	AF	2	2	0																																			
FY97	AF	2	2	0																																			
FY98	AF	1	0	1				1																															
FY99	AF	2	0	2									1					1																					
FY00	AF																																						
FY01	AF																																						
FY02	AF																																						
TOTAL		13	10	3																																			

MANUFACTURER'S NAME AND LOCATION	PRODUCTION RATES MIN SUST	1-8-5	MAX	RD MD D+	PROCUREMENT LEAD TIMES	ADMIN LEAD TIME PRIOR 1 OCT	ADMIN LEAD TIME AFTER 1 OCT	MFG TIME	TOTAL AFTER 1 OCT	REMARKS
Northop Grumman Corporation PO Box 9650 Melbourne FL 32902	1	4	5	45	INIT REORDER	2	5	33 MOS	38 MOS	NO LONG LEAD TIME INCLUDED This represents he average cycle ime or Full Procurement Only.

BUDGET ITEM JUSTIFICATION SHEET	Date: Feb 98
APPROPRIATION/BUDGET ACTIVITY	**P-l ITEM NOMENCLATURE**
AIRCRAFT PROCUREMENT (ADV BUY) / BA04, OTHER AIRCRAFT	Joint STARS

	FY96/P	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	To Complete	Total
QUANTITY										
COST (In Millions)	645.9	144.1	22.4	0.0	0.0	0.0	0.0	0.0	0.0	812.3

MISSION AND DESCRIPTION:

The Joint Surveillance Target Attack Radar System (Joint STARS) is a Joint Army and AF Program, with the AF as the lead service. The Joint STARS system provides real time surveillance of the battlefield and rear echelons. The system detects, identifies, and tracks enemy armor and vehicular traffic and provides their locations to AF and Army Commanders to assess intentions and manage primary segments (airborne and ground). Joint STARS is unique because it is a closed loop system for real time detection, tracking and attack of enemy ground moving targets, using moving target indicator and synthetic aperture radar techniques. Joint STARS integrates the accurate attack of enemy forces by providing position updates and precise enemy location in real time to direct attack aircraft, friendly artillery and standoff missiles. The Army Corps Commander requires wide area surveillance information to understand enemy force buildups and scheme of maneuver, in order to apply effective and timely maneuver of forces, battlefield management, and targeting of artillery and rockets. There is no other system planned to provide real time wide area surveillance of the Corps battlefield, closed loop target detection and tracking and real time attack targeting against first and second echelon armor. JSTARS provides a 2-5 day advanced look at enemy second echelon target detection, tracking and real time targeting permits the direction of direct attack aircraft, artillery, and standoff missiles against moving ground targets in real time, compared with current interdiction missions which are performed on a pre-planned basis.

The Advance Buy funding identified is for long lead procurement of those items detailed on the P-10.

NOTES:

1. The aircraft buy schedule and funding reflect the FY99 PB position.
2. The FY97 Advance Buy funds include funding for Lot VI (P-l 1) and Lot VII (P-12 & P-13).
3. FY98 Advance Buy funding of $3.1 M is balance of Lot VII long lead funds required.
4. FY98 Advance Buy funds of $22.4M are for procurement of long-lead aircraft parts as detailed in the P-10 budget exhibit.

WEAPON SYSTEM ADVANCE PROCUREMENT EXHIBIT (P-10a) (COMPARISON OF REQUEST TO EXECUTION) (TOA., DOLLARS IN THOUSAND)				PRIOR YEAR FOR FISCAL YEAR PROGRAM: FY 1996 for FY 1997 Date FEB 98		
Advance Procurement/Advance Fundina Items	Quantitv	Date Contract Award Planned/Reauired	Delivery Date of First Equipment Required	Production Lead Time in Months (Admin/Prod) - Total	Unit Cost	Total Cost
BASIC CONTRACT EFFORT		Jul-96	FYOO	(5/12) 17	34.9	69.7
OVER AND ABOVE MODIFICATIONS		Jul-96	FYOO	(5/12) 17	11.(	22.(
CONFIGURATION UPDATE		Jul-96	FYOO	(5/12) 17	2.(	4.c
SUBTOTAL					47.9	95.E
EOQ (MYP)						
SUBTOTAL					0.0	0.0
TOTAL					47.9	95.8

NARRATIVE DESCRIPTION:
The Joint STARS Production Process (for a lot of 2 aircraft) requires approximately a 52 month cycle. The funding associated with each lot is active for 3 years thus Advance Buy Funding is required to complete the 52 month production cycle. The two major long lead items for the Joint STARS program are aircraft refurbishment/modification and electronics. Also included in the Advance Buy funding is configuration update activities,

WEAPON SYSTEM ADVANCE PROCUREMENT EXHIBIT (P-IO) (PROCUREMENT OF ADVANCE DESIGN AND MATERIAL) (TOA, DOLLARS IN THOUSAND)				CURRENT YEAR FOR FISCAL YEAR PROGRAM: FY 1997 for FY 1998 (& FY 1999) Date A/O 12 Jan 98		
Advance Procurement/Advance Funding Items	Quantity	Date Contract Award Planned/Required	Delivery Date of First Equipment Required	Production Lead Time in Months (Admin/Prod) - Total	Unit Cost	Total Cost
BASIC CONTRACT EFFORT	1.0	Dee-96 (PI 1)	FY01	12	48.5	48.5
	2.0	Ott-97 (P12,13)	FY01	(5/12) 17	34.1	68.1
OVER AND ABOVE MODIFICATIONS	1.0	Dee-96 (PI 1)	FY01	12	5.0	5.0
	2.0	Ott-97 (P12,13)	FY01	(5/12) 17	2.2	4.4
CONFIGURATION UPDATE	1.0	Dee-96 (PI 1)	FY01	12	2.0	2.0
	2.0	Ott-97 (P12,13)	FY01	(5/12) 17	2.0	4.0
SUBTOTAL					93.8	132.0
EOQ (MYP):						
LONG-LEAD AIRCRAFT PARTS	NIP	Sep-97 & TBD	N/A	N/A	N/A	12.1
SUBTOTAL					N/A	12.1
TOTAL					N/A	144.1

NARRATIVE DESCRIPTION:

The Joint STARS Production Process requires approximately a 45 month cycle (for a singular aircraft buy) and approximately a 52 month cycle (for a 2 aircraft lot-buy). The funding associated with each lot is active for 3 years thus Advance Buy Funding is required to complete either the 45 or 52 month production cycle. The two major long lead items for the Joint STARS program are aircraft refurbishment/modification and electronics. The other item included in the Advance Buy funding is for configuration update activities.

Note: Balance of Lot VII (Aircraft P12 & P13) Long-Lead Funding to be sourced with FY98 Advance Procurement funds (see BY1 P-IO Exhibit, FY98 for FY99)

WEAPON SYSTEM ADVANCE PROCUREMENT EXHIBIT (P-IO) (PROCUREMENT OF ADVANCE DESIGN AND MATERIAL) (TOA, DOLLARS IN THOUSAND)			BUDGET YEAR 1 FOR FISCAL YEAR PROGRAM: FY 1998 for FY 1999			
			Date A/O 12 Jan98			
Advance Procurement/Advance Funding Items	.		Delivery Date of First Equipment Required	Production Lead Time in Months (Admin/Prod) - Total	Unit Cost	Total Cost
BASIC CONTRACT EFFORT	2.0	TBD (P12,13)	FY01	(5/12) 17	1.6	3.1
SUBTOTAL					1.6	3.1
EOQ (MYP) LONG-LEAD AIRCRAFT PARTS	N/A	FY98	N/A	N/A	N/A	22.4
SUBTOTAL					0.0	0.0
TOTAL					N/A	25.5

NARRATIVE DESCRIPTION:

The Joint STARS Production Process requires approximately a 52 month cycle (for a two aircraft lot-buy). The funding associated with each lot is active for 3 years thus Advance Buy Funding is required to complete the 52 month production cycle. The two major long lead items for the Joint STARS program are aircraft refurbishment/modification and electronics. The other item included in the Advance Buy funding is for configuration update activities.

FY98 Advance Buy funds for Lot VII (P12 & P13) represent partial requirement (balance of Lot VII Advance Buy funds, $76.5M, funded in FY97).

BUDGET ITEM JUSTIFICATION SHEET **P-40**										**DATE:** **Feb 1998**	
APPROPRIATION/BUDGET ACTIVITY **OTHER AIRCRAFT PROCUREMENT, AIR FORCE**						P-I ITEM NOMENCLATURE **PREDATOR UNMANNED AERIAL VEHICLE**					
Program Element for Code B Items:						Other Related Program Elements					
	Prior Years	ID Code	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	To Complete	Total Program
SYSTEM QUANTITY			2	2	1	1	0	0	0		6
TOTAL QUANTITY AV			14	20	15	4	7	7	7		74
QUANTITY ATTRITION AV			0	12	11	0	7	7	7		44
Total ($M)	$0.000		$105.200	$138.340	$117.961	$43.017	$26.777	$27.345	$28.070		$486.710
Unit Cost ($M)											

The Predator Medium Altitude Endurance (MAE) Unmanned Aerial Vehicle was acquired as an ACTD program using non-developmental technologies in response to an urgent requirement identified by the Joint Chiefs of Staff in July 1993, for a long dwell (24 hour plus coverage of a target beyond line-of-sight), autonomous, unmanned, reconnaissance system capable of operating over the horizon while providing real-time intelligence information to the Joint Task Force Commander. The air vehicle carries electro-optical (EO), Infra-Red (IR), and synthetic aperture radar (SAR) sensors, and is capable of transmitting near real time imagery to the task force commander throughout his operational theater. The system is compatible with the current C4I architecture. A total of 12 systems are being procured. The operational configuration consists of four air vehicles, one Ground Control Station, one Trojan Spirit II and associated ground support equipment. Six Ground Control Stations, three Trojan Spirits and twenty-one air vehicles (of which two were combat losses) with various payloads were acquired during the ACTD RDT&E program. The system has been successfully demonstrated in a number of CONUS exercises and has twice deployed to the Bosnia theater of operation in support of the peace keeping operations. Based on the operations performance, and maturity of the system, the Joint Staff has concluded that the Predator System provides significant military utility. The approved ORD identified requirements for system growth. A block upgrade program has been developed to meet those requirements. The Predator Program has been restructured as it transitioned from an ACTD to an acquisition program. This restructure was accomplished in support of the user to focus funding to address reliability and maintainability issues. This results in the procurement of a total of 12 systems and a total of 44 attrition air vehicles through the FYDP. The contracting strategy is to integrate Total System Performance Responsibility (TSPR) in FY98 using General Atomics-ASI as the prime contractor to coordinate and implement hardware and engineering requirements. Procurement funding includes system production, production support, engineering services, acceptance testing and evaluation, Interim Logistics Contractor Support, and Integrated Logistics Support. FY97 funding procures two complete systems; six additional replacement air vehicles; SARs, Ku-Band Data Links, Trojan Spirit IIs to bring original ACTD assets up to six complete operational systems (NOTE: the original ACTD systems only had three air vehicles, (operational systems have four); and did not include all SARs, Trojan Spirits and logistics required). FY98 funding supports the procurement of two systems; cut-in and retrofit of UHF/VHF Voice (VOX) , Mode IV IFF; and a new more operationally suitable Ground Control Station Shelter, upgraded engine, relief on station capability, reliability and maintainability improvements. FY99 supports one system, attrition air vehicles and completes retrofit of fielded systems. FY2000 procures one system, cut-in and retrofit of Block 1 preplanned product improvements (GCS communications for combined Red/Black, Tactical Control Systems, Air Force Mission, Support System integration and reliability/maintainability improvements). FY2001 funding supports the procurement of seven attrition air vehicles and completes retrofit of Block 1 P3I.FY2002-2003 funds procure attrition air vehicles.

Included in the total ($117.961) is funding for UCARs modification ($3.5M) and will be recoded to BP 11 next exercise.

CLASSIFICATION: **UNCLASSIFIED**

WEAPONS SYSTEM COST ANALYSIS
P-5

DATE: **Feb 98**

APPROPRIATION/BUDGET ACTIVITY
Other Aircraft Procurement, Air Force

P-1 ITEM NOMENCLATURE/SUBHEAD
Predator Unmanned Aerial Vehicle

COST CODE	ELEMENT OF COST	ID Code	TOTAL COST IN THOUSANDS OF DOLLARS						
			Prior Years	FY 1997		FY 1998		FY 1999	
			Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost
	Predator Systems								
	System: Air Vehicles, Data Links, SARs, Ground Control Stations, Trojan Spirits*				70.903		93.751		85.96(
	P3I				0.742		12.338		12.79
	Production Support				3.097		3.761		3.97(
	Interim Contractor Logistics Support				7.375		6.100		0.00(
	Integrated Logistics Support**				20.502		22.390		15.23;
	Other				2.581				
			0		105.2001		138.3401		117.96'

'The FY97 funding includes additional air vehicles, SARs, data links, Trojan Spirits and Logistics Support to bring the original ACTD assets up to six complete opertional systems. The FY98 and FY99 funding includes additional attrition air vehicles.

"Integrated Logistics Support includes Spares.

DD FORM 2446, JUN 86 P-1 SHOPPING LIST CLASSIFICATION:

ITEM NO.

WEAPONS SYSTEM COST ANALYSIS P-5	Weapon System	DATE: Feb 98
APPROPRIATION/BUDGET ACTIVITY: Other Aircraft Procurement, Air Force	ID Code: A	P-1 ITEM NOMENCLATURE/SUBHEAD: Predator Unmanned Aerial Vehicle

COST CODE	ELEMENT OF COST	FY 2000		FY 2001		FY 2002		FY 2003		To Complete costs	Total costs
		Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost		
	Predator Systems										
	System: Air Vehicles, Data Links, SARs, Ground Control Stations, Trojan Spirits		27.529		25.464		26.164		26.881		
	P3I		5.820		0.670		0.500		0.400		
	Production Support		4.050		0.470		0.480		0.490		
	Interim Contractor Logistics Support		0.000		0.000		0.000		0.000		
	integrated Logistics Support		5.618		0.173		0.201		0.299		
	Note: The FY2001-2003 funding includes no additional systems, but does include additional attrition Air Vehicles.										
			43.017		**26.777**		**27.345**		**28.070**	**0**	**0**

CLASSIFICATION: **UNCLASSIFIED**

BUDGET PROCUREMENT HISTORY AND PLANNING EXHIBIT (P-5A) | Weapon System: Predator UAV | A. DATE: Feb 98

B. APPROPRIATION/BUDGET ACTIVITY: **Other Aircraft Procurement, Air Force**

C. P-1 ITEM NOMENCLATURE: **Predator Unmanned Aerial Vehicle**

SUBHEAD:

Cost Element/ FISCALYEAR	QUANTITY	UNIT COST (000)	LOCATION OFPCO	RFPISSUE DATE	CONTRACT METHOD &TYPE	CONTRACTOR ANDLOCATION	AWARD DATE	DATE OF FIRST DELIVERY	SPECS AVAILABLE NOW	IF YES WHEN AVAILABLE
Predator										
FY97										
Systems	2	N/A	PEO(CU)- UAV JPO		SSIFFP	General Atomics ASI- San Diego	Aug 97	Feb 99	Yes	
Replacement Air Vehicle	6	N/A	PEO(CU)- UAV JPO		SS/FFP	General Atomics ASI- San Diego	May 97	Mar 98	Yes	
KU-Band SATCOM	14	N/A	PEO(CU)- UAV JPO		SS/FFP	Lockheed Martin Salt Lake City, UT	Aug 97	Mar 98	Yes	
SAR Payload	12	N/A	CECOM		SS/FFP	Northrop Grumman Baltimore, MD	May 97	Mar 98	Yes	
frojan Spirit II	3	N/A	CECOM		CP/FFP	Electro Space Sys., Inc.	Apr 97	Jul 97	Yes	
Ground Control Station	2	N/A	PEO(CU)- UAV JPO		CP/FFP	General Atomics ASI- San Diego	Jun 98	Jan 99	Yes	
FY98										
Systems	2	N/A	PEO(CU)- UAV JPO		SSIFFP	General Atomics	Mar 98	Oct 99	Yes	
Attrition Reserve Vehicle	12	N/A	PEO(CU)- UAV JPO		SSIFFP	General Atomics	Dec 98	Jul 99	Yes	
SAR Payload	12	N/A	CECOM		SSIFFP	Northrop Grumman	Feb 98	Sep 99	Yes	
frojan Spirit II	3	N/A	CECOM		CP/FFP	Electro Space Sys., Inc.	Jan 98	Oct 98	Yes	
FY99										
Systems	1	N/A	PEO(CU)- UAV JPO		SS/FFP	General Atomics	Jan 99	Nov 00	Yes	
SAR Payload	8	N/A	CECOM		SSIFFP	Northrop Grumman	Jan 99	Apr 00	Yes	
frojan Spirit II	1	N/A	PEO(CU)- UAV JPO		SS/FFP	Electro Space Sys., Inc.	Jan 99	Apr 00	Yes	
4ttrition Reserve Vehicle	11	N/A	PEO(CU)- UAV JPO		SSIFFP	General Atomics	Nov 99	Jun 00	Yes	

D. REMARKS

1. A system is comprised of four air vehicles, one Ground Control Station (GCS), one Trojan Spirit, four Ku-Band and three SAR. Ku-Band equipment will be procured from GA-ASI in FY 98 through FY 03, and this equipment is considered part of the system. Trojan Spirits will be procured separately under a contract with Electro Space Systems, Inc. The SAR will be procured separately under a contract with Northrop Grumman.
2. In FY97, replacement air vehicles, KU Band and SAR were procured under separate contracts in the April/May 97 timeframe with deliveries beginning in March 98.
3. The FY98 and FY99 procurements include attrition air vehicles as well as system air vehicles.

CLASSIFICATION: UNCLASSIFIED

BUDGET PROCUREMENT HISTORY AND PLANNING EXHIBIT (P-5A)

Weapon System: Predator UAV

A. DATE: Feb 98

B. APPROPRIATION/BUDGET ACTIVITY: **Other Aircraft Procurement, Air Force**

C. P-1 ITEM NOMENCLATURE: **Predator Unmanned Aerial Vehicle**

SUBHEAD:

Cost Element/ FISCAL YEAR	QUANTITY	UNIT COST (000)	LOCATION OF PCO	RFP ISSUE DATE	CONTRACT METHOD &TYPE	CONTRACTOR AND LOCATION	AWARD DATE	DATE OF FIRST DELIVERY	SPECS AVAILABLE NOW	IF YES WHEN AVAILABLE
Predator										
FYOO										
Systems	1	N/A	PEO(CU) - UAV JPO		SSIFFP	General Atomics ASI - San Diego	Jan 00	Dec 01	Yes	
SAR Payload	3	N/A	CECOM		SSIFFP	Northrop Grumman Baltimore, MD	Jan-00	Jan-O 1	Yes	
Trojan Spirit II	2	N/A	CECOM		CP/FFP	Electro Space Sys., Inc. Richardson TX	Jun 00	Apr 01	Yes	
FY01										
Attrition Air Vehicles	7	N/A	PEO(CU) - UAV JPO		SSIFFP	General Atomics ASI - San Diego	Dec 00	Dee-0 1	Yes	
SAR Payload	6	N/A	CECOM		SSIFFP	Northrop Grumman Baltimore, MD	Jan-O 1	Jan-02	Yes	
FY02										
Attrition Air Vehicles	7	N/A	PEO(CU) - UAV JPO		SS/FFP	General Atomics AS1 - San Diego	Dec 01	Jan 03	Yes	
SAR Payload	5	N/A	CECOM		SSIFFP	Northrop Grumman Baltimore, MD	Jan 02	Jan 03	Yes	
FY03										
Attrition Air Vehicles	7	N/A	PEO(CU) - UAV JPO		SSIFFP	General Atomics ASI - San Diego	Dec 02	Jan 04	Yes	
SAR Payload	6	N/A	CECOM		SSIFFP	Northrop Grumman Baltimore, MD	Jan 03	Jan 04	Yes	

D. REMARKS

1. See note 1 previous page

FY 1998/99 BUDGET PRODUCTION SCHEDULE, P-21

DATE: Feb 98

APPROPRIATION/BUDGET ACTIVITY: **Other Aircraft Procurement, Air Force**

Weapon System

P-I ITEM NOMENCLATURE: **Predator Unmanned Aerial Vehicle**

Item	Manufacturer's Name and Location	Production Rate MSR	I-8-5	MAX	Procurement Leadtimes: ALT Prior to Oct 1	ALT Alter Oct 1	Initial Mfg PLT	Reorder Mfg PLT	Total	Unit of Measure
Trojan Spirit II	Electro Space Sys Inc.		I-8-5							
	Richardson TX									

ITEM / MANUFACTURER	FY	SVC	QTY	DEL	BAL	FISCAL YEAR 1996 / 1995 OCT	1995 NOV	1995 DEC	CALENDAR YEAR 1996 JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	FISCAL YEAR 1997 / CALENDAR YEAR 1997 JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	BAL
Trojan Spirit II	97	F	3	0	3																					1			2
Trojan Spirit II	98	F	3	0	3																								3
Trojan Spirit II	99	F	1	0	1																								1
Trojan Spirit II	00	F	2	0	2																								2

ITEM / MANUFACTURER	FY	SVC	QTY	DEL	BAL	FISCAL YEAR 1998 / 1997 OCT	1997 NOV	1997 DEC	CALENDAR YEAR 1998 JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	FISCAL YEAR 1999 / CALENDAR YEAR 1999 JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	BAL
Trojan Spirit II	97	F	3	1	2				1					1															0
Trojan Spirit II	98	F	3	0	3													1						1				1	0
Trojan Spirit II	99	F	1	0	1																								1
Trojan Spirit II	00	F	2	0	2																								2

Remarks:

FY 1998/99 BUDGET PRODUCTION SCHEDULE, P-21 | DATE Feb 98

APPROPRIATION/BUDGET ACTIVITY: **Other Aircraft Procurement. Air Force** | Weapon System | P-I ITEM NOMENCLATURE: **Predator Unmanned Aerial Vehicle**

Item	Manufacturer's Name and Location	Production Rate MSR	I-8-5	MAX	Procurement Leadtimes: ALT Prior to Oct 1	ALT After Oct 1	Initial Mfg PLT	Reorder Mfg PLT	Total	Unit of Measure
Trojan Spirit II	Electro Space Svs Inc.		1-8-5							
	Richardson TX									

ITEM/MANUFACTURER	FY	SVC	QTY	DEL	BAL	FISCAL YEAR 2000 / 1999			FISCAL YEAR 2000 / CALENDAR YEAR 2000										FISCAL YEAR 2001 / CALENDAR YEAR 2001									BAL
						OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN/JUL	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
Trojan Spirit II	97	F	3	3	0																							0
Trojan Spirit II	98	F	3	3	0																							0
rrojan Spirit II	99	F	1	0	1							1																0
rrojan Spirit II	00	F	2	0	2																		1				1	0

ITEM / MANUFACTURER	FY	SVC	QTY	DEL	BAL	FISCAL YEAR 2002 / 2001			FISCAL YEAR 2002 / CALENDAR YEAR 2002										FISCAL YEAR 2003 / CALENDAR YEAR 2003									BAL
						OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
rrojan Spirit II	97			3	0																							0
rrojan Spirit II	98	F	3	3	0																							0
rrojan Spirit II	99	F	1	1	0																							0
rrojan Spirit II	00	F	2	2	0																							0

Remarks:

FY 1998/99 BUDGET PRODUCTION SCHEDULE, P-21 | DATE Feb 98

APPROPRIATION/BUDGET ACTIVITY | Weapon System | P-I ITEM NOMENCLATURE

Item	Manufacturer's Name and Location	Production Rate MSR	Production Rate I-8-5	Production Rate MAX	Procurement Leadtimes ALT Prior to Oct 1	Procurement Leadtimes ALT After Oct 1	Initial Mfg PLT	Reorder Mfg PLT	Total	Unit of Measure
Systems	General Atomics ASI	7 *	I - 8 - 5	24**	2	4	7	14	18	mos
	Rancho Bernardo CA									

* Minimum sustaining rate is seven air vehicles per 12 month period.

** Maximum production rate is two air vehicles per month; 24 per year.

ITEM / MANUFACTURER	FY	SVC	QTY	DEL	BAL	FISCAL YEAR 1996 / CALENDAR YEAR 1996 OCT (1995)	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	FISCAL YEAR 1997 / CALENDAR YEAR 1997 OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	BAL
Systems	FY97	F	2	0	2																									2
Systems	FY98	F	2	0	2																									2
Systems	FY99	F	1	0	1																									1
Systems	FY00	F	1	0	1																									1

ITEM / MANUFACTURER	FY	SVC	QTY	DEL	BAL	FISCAL YEAR 1998 / CALENDAR YEAR 1998 OCT (1997)	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	FISCAL YEAR 1999 / CALENDAR YEAR 1999 OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	BAL
Systems	FY97	F	2	0	2																	1	1							0
Systems	FY98	F	2	0	2																									2
Systems	FY99	F	1	0	1																									1
Systems	FY00	F		0	1																									1

Remarks: A system is comprised of four air vehicles, one Ground Control Station (GCS), one Trojan Spirit, four Ku-Band and three SAR. SAR and Ku-Band equipment will be procured from GA-ASI in FY98 through FY03, and this equipment is considered part of the system. Trojan Spirits will be procured separetly under a contract with Electro Space Systems, Inc.

FY 1998/99 BUDGET PRODUCTION SCHEDULE. P-21 | DATE Feb 98

APPROPRIATION/BUDGET ACTIVITY | Weapon System | P-I ITEM NOMENCLATURE

		Production Rate			Procurement Leadtimes					
Item	Manufacturer's Name and Location	MSR	I-8-5	MAX	ALT Prior to Oct 1	ALT After Oct 1	Initial Mfg PLT	Reorder Mfg PLT	Total	Unit of Measure
Systems	General Atomics ASI	7 *	1-8-5	24**	2	4	7	14	18	mos
	Rancho Bernardo CA									

* Minimum sustaining rate is seven air vehicles per 12 month period.

** Maximum production rate is two air vehicles per month; 24 per year.

ITEM / MANUFACTURER	FY	SVC	QTY	DEL	BAL	FISCAL YEAR 2000												FISCAL YEAR 2001												BAL
						1999			CALENDAR YEAR 2000												CALENDAR YEAR 2001										
						OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
Svstems	FY97	F	2	2	0																									0
Systems	FY98	F	2	0	2	1	.		1																					0
Systems	FY99	F	1	0	1														1											0
Systems	FY00	F	1	0	1																									1

ITEM / MANUFACTURER	FY	SVC	QTY	DEL	BAL	FISCAL YEAR 2002												FISCAL YEAR 2003												BAL
						2001			CALENDAR YEAR 2002												CALENDAR YEAR 2003										
						OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN		AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
Systems	FY97	F	2	2	0																									0
Systems	FY98	F	2	2	0																									0
Svstems	FY99	F	1	.	0																									0
Systems	FY00	F	1	0	1			1																						0

Remarks: A system is comprised of four air vehicles, one Ground Control Station (GCS), one Trojan Spirit, four Ku-Band and three SAR. SAR and Ku-Band equipment will be procured from GA-ASI in FY98 through FY03, and this equipment is considered part of the system. Trojan Spirits will be procured

FY 1998199 BUDGET PRODUCTION SCHEDULE, P-21					DATE Feb 98
APPROPRIATION/BUDGET ACTIVITY		Weapon System		P-I ITEM NOMENCLATURE	
		Production Rate		Procurement Leadtimes	

Item	Manufacturer's Name and Location	MSR	I-8-5	MAX	ALT Prior to Oct 1	ALT After Oct 1	Initial Mfg PLT	Reorder Mfg PLT	Total	Unit of Measure
SAR	Northrop Grumman	7	1-8-5	24	2	4	7	7	11	mos
	Baltimore MD									

ITEM / MANUFACTURER	FY	SVC	QTY	DEL	BALO	FISCAL YEAR 1996												FISCAL YEAR 1997										BAL
						1995	CALENDAR YEAR 1996												CALENDAR YEAR 1997										
						OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
SAR	FY97	F	12	0	12																								12
SAR	FY98	F	12	0	12																								12
SAR	FY99	F	8	0	8																								8
SAR	FY00	F	- 3	0	- 3																								3
SAR	FY01	F	6	0	6																								6
SAR	FY02	F	5	0	5																								5
SAR	FY03	F	6	0	6																								6

ITEM / MANUFACTURER	FY	SVC	QTY	DEL	BALO	FISCAL YEAR 1998												FISCAL YEAR 1999										BAL
						1997	CALENDAR YEAR 1998												CALENDAR YEAR 1999										
						OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
SAR	FY97	F	12	0	12						1	1	1	1	1		1	1	1	1		1	1	1					0
SAR	FY98	F	12	0	12																							2	10
SAR	FY99	F	8	0	8																								8
SAR	FY00	F	3	0	3																								3
SAR	FY01	F	6	0	6																								6
SAR	FY02	F	5	0	5																								5
SAR	FY03	F	6	0	6																								6

Remarks:

FY98 and later, the SAR is contracted as part of the air vehicle buy, (Three SAR per four air vehicles)

FY 1998/99 BUDGET PRODUCTION SCHEDULE. P-21 | DATE Feb 98

APPROPRIATION/BUDGET ACTIVITY | Weapon System P-1 ITEM NOMENCLATURE

		Production Rate			Procurement Leadtimes					1
Item	Manufacturer's Name and Location	MSR	I-8-5	MAX	ALT Prior to Oct 1	ALT After Oct 1	Initial Mfg PLT	Reorder Mfg PLT	Total	Unit of Measure
SAR	Northrop Grumman	7	1-8-5	24	2	4	7	7	11	mos
	Baltimore MD									

ITEM / MANUFACTURER	FY	SVC	QTY	DEL	BAL	FISCAL YEAR 2000												FISCAL YEAR 2001									BAL
						1999	CALENDAR YEAR 2000													CALENDAR YEAR 2001									
						OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
SAR	FY97	F	12	12	0																								0
SAR	FY98	F	12	0	12	2	2	2	2	2																			0
SAR	FY99	F	8	0	81							2	2	2	2														0
SAR	FY00	F	3	0	3																2	1							0
SAR	FY01	F	6	0	6																								6
SAR	FY02	F	5	0	5																								5
SAR	FY03	F	6	0	6																								6

ITEM / MANUFACTURER	FY	SVC	QTY	DEL	BAL	FISCAL YEAR 2002												FISCAL YEAR 2003									BAL
						2001	CALENDAR YEAR 2002													CALENDAR YEAR 2003									
						OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
SAR	FY97	F	12	12	0																								0
SAR	FY98	F	12	12	0																								0
SAR	FY99	F	8	8	0																								0
SAR	FY00	F	3	3	0																								0
SAR	FY01	F	6	0	6				2	2	2																		0
SAR	FY02	F	5	0	5																2	2	1						0
SAR	FY03	F	6	0	6																								6

Remarks:

FY 1998/99 BUDGET PRODUCTION SCHEDULE, P-21 | DATE Feb 98

APPROPRIATION/BUDGET ACTIVITY | Weapon System | P-I ITEM NOMENCLATURE

Item	Manufacturer's Name and Location	Production Rate MSR	Production Rate I-8-5	Production Rate MAX	Procurement Leadtimes ALT Prior to Oct 1	Procurement Leadtimes ALT After Oct 1	Initial Mfg PLT	Reorder Mfg PLT	Total	Unit of Measure
Air Vehicle, EO/IR PL (FY97)	General Atomics ASI	7	I-8-5 2 4		2	4	7	7	11	mos
(System and Attrition)	Rancho Bernardo CA									
Air Vehicles (Attrition):	In FY98 and Later - Attrition air vehicles are procured in conjunction									
w/Ku-Band, SAR	with system procurements. Attrition air vehicles deliveries follow									
	system air vehicle deliveries.									

ITEM / MANUFACTURER	FY	SVC	QTY	DEL	BAL	FISCAL YEAR 1996 / 1995 OCT	1995 NOV	1995 DEC	CALENDAR YEAR 1996 JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	FISCAL YEAR 1997 / CALENDAR YEAR 1997 OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	BAL
Air Vehicle (System & Attrition)	97	F	14	0	14																									14
Air Vehicle (Attrition)	98	F	12	0	12																									12
Air Vehicle (Attrition)	99	F	11	0	11																									11
Air Vehicle (Attrition)	01	F	7	0	7																									7
Air Vehicle (Attrition)	02	F	7	0	7																									7
Air Vehicle (Attrition)	03	F	7	0	7																									7

ITEM / MANUFACTURER	FY	SVC	QTY	DEL	BAL	FISCAL YEAR 1998 / 1997 OCT	1997 NOV	1997 DEC	CALENDAR YEAR 1998 JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	FISCAL YEAR 1999 / CALENDAR YEAR 1999 OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	BAL
Air Vehicle (System & Attrition)	97	F	14	0	14								1	1	1	1	1	1	1	1	1	1	1	1	1					0
Air Vehicle (Attrition)	98	F	12	0	12																						1	1		10
Air Vehicle (Attrition)	99	F	11	0	11																									11
Air Vehicle (Attrition)	01	F	7	0	7																									7
Air Vehicle (Attrition)	02	F	7	0	7																									7
Air Vehicle (Attrition)	03	F	7	0	7																									7

Remarks: FY97: Air Vehicles represented include system and attrition air vehicles.
FY98 - FY03: Only attrition air vehicles are represented. System air vehicles are included in the system buys.

FY 1998/99 BUDGET PRODUCTION SCHEDULE, P-21 | DATE Feb 98

APPROPRIATION/BUDGET ACTIVITY | Weapon System | P-I ITEM NOMENCLATURE

Item	Manufacturer's Name and Location	Production Rate MSR	I-8-5	MAX	Procurement Leadtimes ALT Prior to Oct 1	ALT After Oct 1	Initial Mfg PLT	Reorder Mfg PLT	Total	Unit of Measure
Air Vehicle, EO/IR PL (FY97)	General Atomics ASI	7	I-8-5	24	2	4	7	7	11	mos
(System and Attrition)	Rancho Bernardo CA									
(Attrition):es	In FY98 and Later - Attrition air vehicles are procured in conjunction									
SAR id,	with system procurements. Attrition air vehicles deliveries follow									
	system air vehicle deliveries.									

ITEM / MANUFACTURER	FY	SVC	QTY	DEL	BAL	FISCAL YEAR 2000 / 1999 OCT	NOV	DEC	CALENDAR YEAR 2000 JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	FISCAL YEAR 2001 OCT	NOV	DEC	CALENDAR YEAR 2001 JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	BAL
Air Vehicle (System & Attrition)	97	F	14	14	0																								0
Air Vehicle (Attrition)	98	F	12	2	10	1	2	1	1	1	1	1	1	1															0
Air Vehicle (Attrition)	99	F	11	0	11									1		1	1	1	1	1	1	1	1	1					0
Air Vehicle (Attrition)	01	F	7	0	7																								7
Air Vehicle (Attrition)	02	F	7	0	7																								7
Air Vehicle (Attrition)	03	F	7	0	7																								7

ITEM / MANUFACTURER	FY	SVC	QTY	DEL	BAL	FISCAL YEAR 2002 / 2001 OCT	NOV	DEC	CALENDAR YEAR 2002 JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	FISCAL YEAR 2003 OCT	NOV	DEC	CALENDAR YEAR 2003 JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	BAL
Air Vehicle(System & Attrition)	97	F	14	14	0																								0
Air Vehicle (Attrition)	98	F	12	12	0																								0
Air Vehicle (Attrition)	99	F	11	11	0																								0
Air Vehicle (Attrition)	01	F	7	0	7			1		1		1		1		1		1	1										0
Air Vehicle (Attrition)	02	F	7	0	7															1		1	1		1	1		1	1
Air Vehicle (Attrition)	03	F	7	0	7																								7

Remarks: FY97: Air Vehicles represented includesystem and attrition air vehicles.
FY98 - FY03: Only attrition air vehicles are represented. System air vehicles are included in the system buys.

FY 1998199 BUDGET PRODUCTION SCHEDULE, P-21					DATE Feb 98
APPROPRIATION/BUDGET ACTIVITY			Weapon System		P-I ITEM NOMENCLATURE
		Production Rate			Procurement Leadtimes					
Item	Manufacturer's Name and Location	MSR	I-8-5	MAX	ALT Prior to Oct 1	ALT After Oct 1	Initial Mfg PLT	Reorder Mfg PLT	Total	Unit of Measure
Ku SATCOM	L3 Communication	7	I-8-5	24	2	4	7	7	11	mos
	Salt Lake City UT									

ITEM / MANUFACTURER	FY	SVC	QTY	DEL	BAL	FISCAL YEAR 1996												FISCAL YEAR 1997												BAL
						1995			CALENDAR YEAR 1996										CALENDAR YEAR 1997												
						OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
Ku SATCOM	97	F	14	0	14																									14

ITEM / MANUFACTURER	FY	SVC	QTY	DEL	BAL	FISCAL YEAR 1998												FISCAL YEAR 1999												BAL
						1997			CALENDAR YEAR 1998										CALENDAR YEAR 1999												
						OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
Ku SATCOM	97	F	14	0	14						1	1	1	1	1		1	1	1	1	1	1	1	1					0

Remarks:
FY98 and lat

FY 1998/99 BUDGET PRODUCTION SCHEDULE, P-21 | DATE Feb 98

APPROPRIATION/BUDGET ACTIVITY | Weapon System | P-I ITEM NOMENCLATURE

Item	Manufacturer's Name and Location	Production Rate MSR	I-8-5	MAX	Procurement Leadtimes ALT Prior to Oct 1	ALT After Oct 1	Initial Mfg PLT	Reorder Mfg PLT	Total	Unit of Measure
Ku SATCOM	L3 Communication	7	I-8-5	24	2	4	7	7	11	mos
	Salt Lake City UT									

ITEM / MANUFACTURER	FY	SVC	QTY	DEL	BAL	FISCAL YEAR 2000 1999 OCT	NOV	DEC	CALENDAR YEAR 2000 JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	FISCAL YEAR 2001 CALENDAR YEAR 2001 JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	BAL
Ku SATCOM	97	F	14	14	0																								0

ITEM / MANUFACTURER	FY	SVC	QTY	DEL	BAL	FISCAL YEAR 2002 2001 OCT	NOV	DEC	CALENDAR YEAR 2002 JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	FISCAL YEAR 2003 CALENDAR YEAR 2003 JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	BAL
Ku SATCOM	97	F	14	14	0																								0

Remarks:

FY 1998199 BUDGET PRODUCTION SCHEDULE, P-21 | DATE Feb 98

APPROPRIATION/BUDGET ACTIVITY | Weapon System | P-I ITEM NOMENCLATURE

Item	Manufacturer's Name and Location	Production Rate MSR	I-8-5	MAX	Procurement Leadtimes ALT Prior to Oct 1	ALT After Oct 1	Initial Mfg PLT	Reorder Mfg PLT	Total	Unit of Measure
Ground Control Station	General Atomics ASI	1	I-8-5	6	2	4	7	7	11	mos
	Rancho Bernardo CA									

ITEM / MANUFACTURER	FY	SVC	QTY	DEL	BAL	FISCAL YEAR 1996												FISCAL YEAR 1997										BAL
						1995	CALENDAR YEAR 1996												CALENDAR YEAR 1997										
						OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
Ground Control Station	97	F	2	0	2																							2

ITEM / MANUFACTURER	FY	SVC	QTY	DEL	BAL	FISCAL YEAR 1998												FISCAL YEAR 1999										BAL
						1997	CALENDAR YEAR 1998												CALENDAR YEAR 1999										
						OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
Ground Control Station	97	F	2	0	2																1				1					0

Remarks:

FY 1998/99 BUDGET PRODUCTION SCHEDULE., P-21 | DATE Feb 98

APPROPRIATION/BUDGET ACTIVITY | Weapon System | P-I ITEM NOMENCLATURE

Item	Manufacturer's Name and Location	Production Rate MSR	1-8-5	MAX	Procurement Leadtimes ALT Prior to Oct 1	ALT After Oct 1	Initial Mfg PLT	Reorder Mfg PLT	Total	Unit of Measure
Ground Control Station	General Atomics ASI	1	1-8-5	6	2	4	7	7	11	mos
	Rancho Bernardo CA									

ITEM / MANUFACTURER	FY	SVC	QTY	DEL	BAL	FISCAL YEAR 2000 / 1999 OCT	NOV	DEC	CALENDAR YEAR 2000 JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	FISCAL YEAR 2001 / CALENDAR YEAR 2001 OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	BAL
Sround Control Station	97	F	2	0	0																								0

ITEM / MANUFACTURER	FY	SVC	QTY	DEL	BAL	FISCAL YEAR 2002 / 2001 OCT	NOV	DEC	CALENDAR YEAR 2002 JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	FISCAL YEAR 2003 / CALENDAR YEAR 2003 OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	BAL
Ground Control Station	97		2		0																								0

Remarks:

DD Form 2445, JUL 87 | Previous editions are obsolete | P-I SHOPPING LIST

3111244 | ITEM NO | PAGE

Exhibit P-40, Budget Item Justification											Date September 1998
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number Aircraft Procurement, Air Force, Budget Activity 4, Spares and Repair Parts, Item No. 64											P-l Line Item Nomenclature Aircraft Initial & Replenishment Spares and 'Repair Parts
Program Element for Code B Items: N/A				Other Related Program Elements: N/A							
	Prior Years	ID Code	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	To Comp	Total
		A									
Replen Spares Gross Cost ($M)	N/A		95.441	58.774	0.000	0.000	0.000	0.000	0.000	0.000	154.215
Initial Spares Gross Cost ($M)	N/A		50.481	298.247	524.829	521.981	514.337	557.901	627.338	0.000	3095.114
Total Proc Cost ($M)	N/A		145.922	357.021	524.829	521.981	514.337	557.901	627.338	0.000	3249.329
Flyaway Unit Cost ($M)	N/A		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Wpn Sys Proc Unit Cost($M)	N/A		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Program Definition: Aircraft Replenishment Spares (Budget Program 150000):

This program finances AFSF exempt investment spares and repair parts needed to provide spares support for aircraft and support equipment. Investment items are distinguished from expendable items in that investment items are subject to depot repair (XD items) and are not discarded until depot repair is no longer economical. The requirement is based on an item specific failure/demand driven computation that supports the flying hour program leadtime away. The average leadtime is three years. Example items include landing gear struts, fire control computers, inertial navigation units, and engine turbine wheels.

In FY 98 the only replenishment spares funds remaining in this procurement account are for spares in support of classified programs, i.e., DARO and COMPASS CALL. These items are not managed by the Standard Base Supply System (SBSS), thus are exempt from the stock fund concept. Beyond FY98 all funding and requirements for repelnishment spares were moved to O&M.

Program Definition: Aircraft Initial Spares (Budget Program 160000):

Note: For FY98, $6.031M is pending reprogramming to other high priority requirements.

This program finances whole spare engines and modules and reparable investment items including some items being newly introduced to the Air Force Inventory. Beginning in FY94, most initial spares were procured through the AFSMBA (DBOF, and now Working Capital Fund (WCF)). AFSMBA (WCF) will be reimbursed by this central procurement account as the funds actually outlay. The effect of this change was a shift of funds to the right which may give the appearance of ramping requirements. However, it is important to note that this means really a shift in that the funds budgeted in FY98 and FY99, for example, largely represent the payments for obligations already incurred by the WCF. Initial spares are funded in the four program segments described below.

Initial Weapon System Spares. (Budget Program 161000)
This program finances whole spare engines and engine modules, aircraft spares, and peculiar ground support equipment spares to support initial operations of new aircraft.

Common Ground Support Equipment (GSE) Spares. (163000)
This program finances spares required to support new or replacement aircraft common support equipment.

Aircraft Modification Spares. (Budget Program 164000)
This program finances new spare parts needed during the initial operation of modified airborne systems.

Other Production Spares. (Budget Program 169000)
This program finances spare parts introduced to the inventory for the first time in support of other production charges - BP1900 (e.g. spares for electronic countermeasure pods and special classified systems).

FY99 Program Justification:

The FY99 total aircraft spares request increased primarily due to rephasing of initial spares based on revised delivery pattern. The C- 17, F-22, E-8, B-2 and aircraft modification programs continue to make up the bulk of the budget request.

Funding Summary for Initial Spares:

	1997	1998	1999	2000	2001	2002	2003
INITIAL SPARES							
INITIAL WEAPON SYS SPARES	27.563	171.499	322.617	345.461	338.984	382.846	412.335
SUPPORT EQUIPMENT SPARES	1.872	7.893	28.695	16.794	23.818	25.254	24.088
MODIFICATION SPARES	10.426	101.359	132.118	116.953	108.329	102.442	146.547
OTHER PRODUCTION SPARES	10.620	17.496	41.399	42.773	43.206	47.379	44.368
TOTAL INITIAL SPARES	50.48	298.247	524.829	521.981	514.337	557.921	627.338

REPLENISHMENT SPARES FUNDING SUMMARY
AIRCRAFT PROCUREMENT, BUDGET ACTIVITY 06

DATE
FEB 98

'-1 LINE	END ITEM NOMENCLATURE	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003
64R-1	CLS SYSTEMS/TRAINERS	33.908	0.000	0.000	0.000	0.000	0.000	0.00C
64R-2	CLASSIFIED PROGRAMS	50.804	58.774	0	0	0	0	0
64R-3	CAD/PAD	10.729	0.000	0.000	0.000	0.000	0.000	0.000
	TOTAL REPLENISHMENT SPARES	95.441	58.774	0.000	0.000	0.000	0.000	0.000

REPLENISHMENT SPARES FUNDING SUMMARY
AIRCRAFT PROCUREMENT, BUDGET ACTIVITY 06

DATE
FEB 98

P-1 LINE	END ITEM NOMENCLATURE	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003
	CLS SYSTEMS/TRAINERS SPARES:							
1	KC-10A	4.350	0.000	0.000	0.000	0.000	0.000	0.00(
2	TAC SYSTEMS/SIMULATORS	0.665	0.000	0.000	0.000	0.000	0.000	0.00(
3	SPECIAL MISSION AIRCRAFT	8.022	0.000	0.000	0.000	0.000	0.000	0.00(
4	OPS SUPPORT AIRCRAFT	1.368	0.000	0.000	0.000	0.000	0.000	0.00(
5	NAVIGATION TRAINERS	0.461	0.000	0.000	0.000	0.000	0.000	0.00(
6	NEACP OPERATIONS	3.099	0.000	0.000	0.000	0.000	0.000	0.00(
7	F-l 17	15.315	0.000	0.000	0.000	0.000	0.000	0.00(
8	SOUTHCOM SHORT TAKEOFF LANDING (STOL)	0.628	0.000	0.000	0.000	0.000	0.000	0.00(
	TOTAL CLS REPLEN SPARES	33.908	0	0	0	0	0	(

	REPLENISHMENT SPARES FUNDING SUMMARY AIRCRAFT PROCUREMENT, BUDGET ACTIVITY 06							DATE FEB 98
P-l LINE	END ITEM NOMENCLATURE	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003
	CLASSIFIED SYSTEM SPARES:							
1	COMPASS CALL (RIVET FIRE)	1.273	5.779	0.000	0.000	0.000	0.000	0.00(
2	SPECIAL RECON 1.83	1	0.000	0.000	0.000	0.000	0.000	0.00(
3	CENTCOM 1.299		0.000	0.000	0.000	0.000	0.000	0.00(
4	**DARO** 46.40	1	52.995	0.000	0.000	0.000	0.000	0.00(
5	MANNED DESTRUCTIVE SUPRESSION	0.000	0.000	0.000	0.000	0.000	0.000	0.00(
	TOTAL CLASS REPLEN SPARES I	50.8041	58.7741	0	0	0	0	(

REPLENISHMENT SPARES FUNDING SUMMARY **DATE**

AIRCRAFT PROCUREMENT, BUDGET ACTIVITY 06 FEB 98

P-1 LINE	END ITEM NOMENCLATURE	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003
	MUNITIONS CODE ITEMS SPARES:							
1	CAD/PAD	10.729	0.000	0.000	0.000	0.000	0.000	0.000
	TOTAL MUNITIONS **REPLEN** SPARES	10.729	0	0	0	0	0	0

INITIAL SPARES FUNDING

AIRCRAFT PROCUREMENT, BUDGET ACTIVITY 06

DATE

FEB 1998

P-l LINE	END ITEM NOMENCLATURE	FY 1997	FY 1998	FY 1999	
641-l	WEAPON SYSTEM SPARES	27.563	171.499	322.617	
641-2	SUPPORT EQUIPMENT SPARES	1.872	7.893	28.695	
641-3	MODIFICATION SPARES	10.426	101.359	132.118	
641-4	OTHER PRODUCTION SPARES	10.62	17.496	41.399	
TOTAL INITIAL SPARES		50.48 l	298.247	524.829	

INITIAL SPARES FUNDING AIRCRAFT PROCUREMENT, BUDGET ACTIVITY 06				DATE FEB 1998	
LINE	END ITEM NOMENCLATURE	FY 1997	FY 1998	FY 1999	
1	c-130	6.05	0.729	0	
2	C-130J	0	14.85	61.952	
3	c-17	5.195	70.7 1	112.33	
4	B-2	12.774	12.953	55.207	
5	F-22	0	0	25.645	
6	E-8	0	71.641	67.483	
7	ENDURANCE UAV	0	0.616	0	
8	OPERATIONAL SUPPORT AIRLIFT	3.544	0	0	
9	SUPPORT EQUIPMENT SPARES	1.872	7.893	28.695	
10	MODIFICATION SPARES	10.426	101.359	132.118	
11	OTHER PRODUCTION SPARES	10.62	17.496	41.399	
	TOTAL INITIAL SPARES	50.48 1	298.247	524.829	

BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)							DATE: FEBRUARY 1998	
APPROP CODE/BA: APAF/COMMON SUPPORT EQUIPMENT				P-I NOMENCLATURE: BUDGET PROGRAM 1200 OVERVIEW				
		FY 1997	FYI998	FYI 999	FY2000	FY 2001	FY2002	FY2003
QUANTITY								
COST (in thousands)		$161,751	$147,853	$152,109	$162,840	$179,265	$193,506	$158,423

DESCRIPTION:

A. DESCRIPTION/FUNCTION: This program procures replacement organizational and intermediate (common and peculiar) support equipment for out-of-production aircraft. These items, common (used on more than one weapon system) and peculiar (unique to one weapon system), are used in direct support of aircraft maintenance and servicing requirements. These replacement requirements ensure continuation of serviceable, supportable equipment over the life of a weapon system.

B. PURPOSE OF PROCUREMENT: Items being replaced range in age from 10 to 30 years old, have frequent failures and spare parts which are no longer available or not economical to repair. Many items are technologically obsolete or are being replaced due to environmental operating constraints.

C. APPLICATION: All Air Force maintained aircraft weapon systems requiring replacement equipment.

D. REQUIREMENTS: Justification is for fiscal year 1999. Items of equipment budgeted include: avionics test stations, air conditioners, munitions handling equipment, jet engine test stands, electronic test sets, noise suppressors, generators, maintenance platforms and automatic test equipment.

	P-I ITEM NO: 1		PAGE NO:	

BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITEMS (EXHIBIT P-40A)

DATE: FEBRUARY 1998

APPROP CODE/BA: APAF/COMMON SUPPORT EQUIPMENT

P-I NOMENCLATURE: COMMON SUPPORT EQUIPMENT OVERVIEW

PROCUREMENT ITEMS	ID CODE			FY1997 QTY.	FY1997 COST	FY1998 QTY.	FY1998 COST	FY1999 QTY.	FY1999 COST
NEW GENERATION HEATER	A							1200	$12,000
SPECTROMETER, DEPLOYABLE	A					34	$1,574	57	$2,639
TRUCK MOUNTED DEICER	A					45	$10,883	61	$15,251
NOISE SUPPRESSOR, LARGE TURBO	A					1	$3,086	1	$3,152
GENERATOR TEST STAND	A					1	$160	30	$4,892
SELF-GENERATING NITROGEN CART	A					2	$750	133	$9,515
ENGTEST TRIM AUTO SYST (ETTAS)	A							50	$12,236
405 R.F. TRANSPORTABLE BRAT	A					9	$15,256		$8,750
AIR CONDITIONER, PD 501	A					13	$3,434	22	$5,812
MHU-110 MUNITIONS TRAILER	A					1	$ 65	62	$1,736
C-5 AUTOMATIC TESTER	A					10	$3,780	1	$443
MAINT PLATFORM HIGH REACH	A					7	$4,003	16	$10,544
15 TON PNEUMATIC LIFTING BAG	A					1	$ 80	78	$2,234
ELEC SYSTEM TEST SET (ESTS)	A						$1,725		$19,900
NOISE SUPPRESSOR SYSTEM	A							1	$2,097
LINKLESS AMMO LOADING SYST	A					35	$5,600	1	$170
RADAR TEST STATION	A					4	$11,152		$6,450
UNIVERSAL RAM	A							1	$ 28
STAIRCASE, AIRCRAFT BOARDING	A					43	$2,365	49	$2,695
STORES MANAGEMENT SYSTEM	A					52	$6,240		
STORESRELEASETESTSET	A					17	$3,700		
COMPASS CALIBRATOR	A					32	$2,368		
AIRCRAFT MAINT FIXTURE	A					4	$15,880		
CONVENTIONAL BOMB MODULE	A					7	$3,647		
COMPRESSOR, GAS TURBINE	A					144	$21,256		
C-5 EMPENNAGE STAND	A					1	$1,100		
ITEMS LESS THAN $2M	A						$29,749		$31,565
TOTALS:					**$ 0**		$147,853		$152,109

	P-I ITEM NO:		PAGE NO:	

BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)							DATE: FEBRUARY 1998	
APPROP CODE/BA: APAF/COMMON SUPPORT EQUIPMENT				P-I NOMENCLATURE: NEW GENERATION HEATER				
		FY 1997	FYI998	FYI999	FY2000	FY 2001	FY2002	FY2003
QUANTITY				1,200	1,200	1,200	1,200	138
COST (in thousands)		$ 0	$ 0	$12,000	$12,300	$12,608	$12,923	$1,523

DESCRIPTION:

A. DESCRIPTION/FUNCTION: The New Generation Heater is a wheeled, trailer-mounted, duct type heater primarily used to provide temperature control for personnel while performing aircraft maintenance. It heats aircraft cockpits, engines, cargo areas, and temporary structures in various enviornments using multiple fuels.

B: PURPOSE OF PROCUREMENT: FY99 begins a replacement program to replace current systems that have become increasingly difficult and costly to maintain. Additionally, numerous replacement parts are no longer available due to obsolescence.

C. APPLICATION: C-l 30, KC-135 C-5, C-141, E-3, F-15, F-16, F-l 11, A-10, B-l, B-52, and helicopters

D. REQUIREMENTS: FY99: 1,200 replacements

E. IMPACT: Failure to procure the New Generation Heater will result in the continued costly repair of old, worn out, unreliable units, and high manhour expenditures. Heaters currently in use have well exceeded their estimated service life and have continually demonstrated coking problems in the heater combustion area. Without new replacements, units will be unable to perform flightline maintenance tasks with a resulting impact to mission readiness.

F. TYPE ITEM: A

	P-I ITEM NO:		PAGE NO:	

WEAPON SYSTEM COST ANALYSIS (EXHIBIT P-5)

DATE: FEBRUARY 1998

APPROP CODE/BA: APAF/COMMON SUPPORT EQUIPMENT

P-I NOMENCLATURE: NEW GENERATION HEATER

WEAPON SYSTEM COST ELEMENTS	IDENT CODE				FY 1997			FY 1998			FY 1999		
					QTY	UNIT COST	TOTAL COST	QTY	UNIT COST	TOTAL COST	QTY	UNIT COST	TOTAL COST
NEW GENERATION HEATER	A										1200	9.9	11,900
DATA													100
TOTAL													12,000

REMARKS:.
UNIT COSTS ARE BASED ON MARKET SURVEY ESTIMATES.

	P-I ITEM NO:		PAGE NO:	

BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P-5A)	DATE: FEBRUARY 1998
APPROP CODE/BA: . APAF/COMMON SUPPORT EQUIPMENT	P-I NOMENCLATURE: NEW GENERATION HEATER

ITEM/FISCAL YEAR	QTY.	UNIT COST	LOCATION OF PCO	CONTRACT METHOD &TYPE	CONTRACTOR AND LOCATION	AWARD DATE	DATE OF FIRST DELIVERY	SPECS AVAIL NOW	DATE REVISIONS AVAIL
NEW GENERATION HEATER									
FY99	1200	9.9	AFMCNVR-ALC	C/FP	UNKNOWN	DEC 98	MAY 99	YES	

REMARKS:
FY99 unit cost is based on market survey estimates.

	P-I ITEM NO:		PAGE NO:	

PRESIDENT'S BUDGET PRODUCTION SCHEDULE (EXHIBIT P-21) | **DATE:** FEBRUARY 1998

APPROP CODEIBA: APAF/COMMON SUPPORT EQUIPMENT

P-I NOMENCLATURE: NEW GENERATION HEATER

ITEM/MANUFACTURER/ PROCUREMENT YEAR	SERV.	PROC. QTY.	ACCEP. PRIOR TO 1 OCT.	BAL DUE AS OF 1 OCT.	1997 OCT	CALENDAR 1998 NOV	DEC	JAN	FEB	FY98 MAR	APR	MAY	JUN	JUL	AUG	SEP	CALENDAR 1999 OCT	NOV	DEC	JAN	FEB	FY99 MAR	APR	MAY	JUN	JUL	AUG	SEP
NEW GENERATION HEATER																												
UNKNOWN																												
FY99	AF	1,200	0	1200															C					100	loo	100	100	100
TOTALS		1200	0	1200	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	100	100	loo	100	100

ITEM/MANUFACTURER/ PROCUREMENT YEAR (repeat of items above)	SERV.	PROC. QTY.	ACCEP. PRIOR TO 1 OCT.	BAL DUE AS OF 1 OCT	1999 OCT	CALENDAR 2000 NOV	DEC	JAN	FEB	FY00 MAR	APR	MAY	JUN	JUL	AUG	SEP	CALENDAR 2001 OCT	NOV	DEC	JAN	FEB	FY01 MAR	APR	MAY	JUN	JUL	AUG	SEP
NEW GENERATION HEATER																												
UNKNOWN																												
FY99	AF	1.200	500	7 0 0	100	100	oo	100	100	100	100																	
TOTALS		1200	500	700	100	100	100	100	100	100	loo	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

MANUFACTURER'S NAME AND LOCATION	PRODUCTION RATES MIN. SUST.	I-8-5	MAX.			PROCUREMENT LEAD TIME ADMIN LEAD TIME PRIOR TO 1 OCT	AFTER 1 OCT	MANFACTURING PLT	TOTAL AFTER 1 OCT.
UNKNOWN			100						
					INITIAL		2	5	7
					REORDER				0

REMARKS: ITEM NOT PREVIOUSLY PROCURED. MAXIMUM PRODUCTION RATE BASED ON PROCUREMENT OF LIKE ITEM.

	P-I ITEM NO:		PAGE NO:	

REQUIREMENTS STUDY (EXHIBIT P-20)				DATE: FEBRUARY 1998
APPROP CODE/BA: APAF/COMMON SUPPORT EQUIPMENT		P-I NOMENCLATURE: NEW GENERATION HEATER		
ASSET DYNAMICS (BY FDP):	**FY 1997**	**FY 1998**	**FY 1999**	
BEGINNING ASSET POSITION (As of 31 Mar 97)	0	0	0	
DELIVERIES FROM ALL PRIOR YEAR FUNDING	0			
QUANTITIES PROCURED WITH FY97 FUNDING	0			
QUANTITIES PROCURED WITH FY98 FUNDING		0		
QUANTITIES PROCURED WITH FY99 FUNDING			1,200	
TEST/TRAINING USAGE				
DISPOSALS				
END OF YEAR ASSET POSITION	0	0	**1,200**	
INVENTORY OBJECTIVE:		**VEH ELIGIBLE:**		
PEACETIME PIPELINE/STOCK LEVEL		BY1 REPLACE		
PEACETIME STATIC LEVEL		BY2 REPLACE		
WRM	139	VEH AUGMENT		
OTHER	4,799			
TOTAL INVENTORY OBJECTIVE	4,938			

REMARKS:

	P-I ITEM NO:		PAGE NO:	

BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)							DATE: FEBRUARY 1998	
APPROP CODE/BA: APAF/COMMON SUPPORT EQUIPMENT				P-I NOMENCLATURE: SPECTROMETER, DEPLOYABLE, OIL ANALYSIS NSN 6650-01-320 -4283				
		FY 1997	FYI998	FYI 999	FY2000	FY 2001	FY2002	FY2003
QUANTITY		16	34	57				
COST (in thousands)		$710	$1,574	$2,639	$ 0	$ 0	$ 0	$ 0

DESCRIPTION:

A. DESCRIPTION/FUNCTION: The deployable spectrometer is an optical electronic analytical instrument capable of analyzing oil samples for the detection of wear metals in the engines. The spectrometer will be lighter, more durable and reliable than current models, because it will be capable of deployment, 110/220v 50/60hz operation and will be fully adaptable to field/ flightline use. The spectrometer, smaller than the existing main laboratory spectrometer, will detect and analyze fifteen wear metals in both aeronautical and nonaeronautical engine lubricating oils: iron, aluminum, titanium, silicon, magnesium, tin, copper, nickel, lead, zinc, chromium, and others.

B. PURPOSE OF PROCUREMENT: FY97 begins a program to replace all spectrometers currently in use. The spectrometer will incorporate the latest technology in oil analysis capability and will provide field Joint Oil Analysis Program (JOAP) technicians with an instrument to inspect engine oil for metal content to preclude engine failures.

C. APPLICATION: The spectrometer will support oil analysis requirements of the Joint Oil Analysis Program (JOAP) . Aircraft supported include; B-l, F-l 5, C-141, KC-135, F-4

D. REQUIREMENTS: FY 99: 0 Shortages
57 Replacements

E. IMPACT: The spectrometers will be more reliable and fully capable of supporting all active aircraft. Spectrometer inspections are required on all active aircraft after every sortie; therefore, lack of funding will have an adverse impact on mission readiness.

F. TYPE ITEM CODE: A

	P-I ITEM NO:		PAGE NO:	

WEAPON SYSTEM COST ANALYSIS (EXHIBIT P-5)

DATE: FEBRUARY 1998

APPROP CODE/BA:
APAF/COMMON SUPPORT EQUIPMENT

P-I NOMENCLATURE:
SPECTROMETER, DEPLOYABLE, OIL, ANALYSIS
NSN 6650-01-320-4283

WEAPON SYSTEM COST ELEMENTS	IDENT CODE				FY 1997			FY 1998			FY 1999		
					QTY	UNIT COST	TOTAL COST	QTY	UNIT COST	TOTAL COST	QTY	UNIT COST	TOTAL COST
SPEC., DEPL., OIL, ANAL.	A				16	44.4	710	34	45.3	1,541	57	46.3	2,639
DATA (TECHNICAL ORDERS)										33			
TOTAL					16		710	34		1,574	57		2,639

REMARKS:

	P-I ITEM NO:		PAGE NO:	

BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P-5A)

DATE: FEBRUARY 1998

APPROP CODE/BA:
APAF/COMMON SUPPORT EQUIPMENT

P-I NOMENCLATURE:
SPECTROMETER, DEPLOYABLE, OIL, ANALYSIS
NSN 6650-01-320-4283

ITEM/FISCAL YEAR	QTY.	UNIT COST	LOCATION OF PCO	CONTRACT METHOD & TYE	CONTRACTOR AND LOCATION	AWARD DATE	DATE OF FIRST DELIVERY	SPECS AVAIL NOW	DATE REVISIONS AVAIL
SPECTROMETER / FY97	16	44.4	AFMCISA-ALC	C/FFP	AF PROCURED SPECTRO INC. LITTLETON, MA.	FEB 97	MAY 97		
SPECTROMETER / FY98	34	45.3	AFMCISA-ALC	C/FFP	UNKNOWN	MAY 98	SEP 98	Y	
SPECTROMETER / FY99	57	46.3	AFMCISA-ALC	OPT/FFP*	UNKNOWN	OCT 98	FEB 99	Y	

REMARKS:
PRICE RATIONALE: FY99 U/C BASED ON FY97 CONTRACT PLUS INFLATION FACTORS.

	P-I ITEM NO:		PAGE NO:	140

PRESIDENT'S BUDGET PRODUCTION SCHEDULE (EXHIBIT P-21) | **DATE:** FEBRUARY 1998

APPROP CODE/BA: APAF/COMMON SUPPORT EQUIPMENT

P-1 NOMENCLATURE: SPECTROMETER, DEPLOYABLE, OIL ANALYSIS NSN 6650-01-320-4283

ITEM/MANUFACTURER/ PROCUREMENT YEAR	SERV.	PROC. QTY.	ACCEP. PRIOR TO 1 OCT.	BAL DUE AS OF 1 OCT.	1997	CALENDAR 1998												CALENDAR 1999											
						FY98												FY99											
					OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
SPEC, DEPL, OIL ANALYS																													
FY97	AF	16	16	0																									
FY98	AF	34	0	34								C				12	12	10											
	DMAG	1	0	1														1											
	FMS	8	0	8														1	7										
FY99	AF	57	0	57													C				12	12	12	12	9				
TOTALS		116	16	100	0	0	0	0	0	0	0	0	0	0	0	12	12	12	7	0	12	12	12	12	9	0	0	0

ITEM/MANUFACTURER/ PROCUREMENT YEAR (repeat of items above)	SERV.	PROC. QTY.	ACCEP. PRIOR TO 1 OCT.	BAL DUE AS OF 1 OCT.	1999	CALENDAR 2000												CALENDAR 2001											
						FY00												FY01											
					OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
SPEC, DEPL, OIL ANALYS																													
FY97	AF	16	16	0																									
FY98	AF	34	34	0																									
	DMAG	1	1	0																									
	FMS	8	8	0																									
FY99	AF	57	57	0																									
TOTALS		116	116	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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	MANFACTURING PLT	TOTAL AFTER 1 OCT.
UNKNOWN (FY99)	1		12						
SPECTRO INC, (FY97)					INITIAL		7	4	11
LITTLETON, MA					REORDER		1	4	5

REMARKS:

	P-1 ITEM NO:		PAGE NO:	

REQUIREMENTS STUDY (EXHIBIT P-20)	DATE: FEBRUARY 1998
APPROP CODEIBA: APAF/COMMON SUPPORT EQUIPMENT	**P-I NOMENCLATURE:** SPECTROMETER, DEPLOYABLE, OIL ,ANALYSIS NSN 6650-01-320-4283

ASSET DYNAMICS (BY FDP):	**FY 1997**	**FY 1998**	**FY 1999**	
BEGINNING ASSET POSITION (As of 31 Mar 97)	183	199	199	
DELIVERIES FROM ALL PRIOR YEAR FUNDING				
QUANTITIES PROCURED WITH FY97 FUNDING	16			
QUANTITIES PROCURED WITH FY98 FUNDING		34		
QUANTITIES PROCURED WITH FY99 FUNDING			57	
TEST/TRAINING USAGE				
DISPOSALS		(- 34)	(- 57)	
END OF YEAR ASSET POSITION	199	199	199	

INVENTORY OBJECTIVE:		**VEH ELIGIBLE:**	
PEACETIME PIPELINE/STOCK LEVEL		BY 1 REPLACE	
PEACETIME STATIC LEVEL		BY2 REPLACE	
WRM		VEH AUGMENT	
OTHER	199		
TOTAL INVENTORY OBJECTIVE	199		

REMARKS:

	P-I ITEM NO:		PAGE NO:	

BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)	DATE: FEBRUARY 1998
APPROP CODE/BA: APAF/COMMON SUPPORT EQUIPMENT	P-I NOMENCLATURE: TRUCK MOUNTED DEICER 1730-00-555-6205

		FY 1997	FYI998	FYI999	FY2000	FY 2001	FY2002	FY2003
QUANTITY		0	45	61	18	6	7	6
COST (in thousands)		$ 0	$10,883	$15,251	$4,194	$1,398	$1,634	$1,435

DESCRIPTION:

A. DESCRIPTION/FUNCTION: The Truck Mounted self-propelled spray unit is designed for spraying external surfaces of aircraft with deicing, defrosting, or decontamination fluids. The mobility of the truck and maneuverability of the aerial platform enables the operating crew to have access of any area on the aircraft which is normally inaccessible from the ground. At ground level, the spray outlet can reach a maximum height of 48' 1". This deicer uses type II deicing fluid.

B. PURPOSE OF PROCUREMENT: To procure deicer units to fill shortages in the field and to replace equipment that has become increasingly unreliable and difficult to maintain.

C. APPLICATION: The Truck Mounted Deicer supports multiple aircraft, including B-l, B-52H, C-5, C-l 7, C-l 30, C-141, E-8, KC-135, F-l 5, F-16, F-l 11, and A-IO

D. REQUIREMENTS: FY 99: 55 shortages
6 replacements

E. IMPACT: Failure to procure the Truck Mounted Deicers will severely delay the mission readiness of all unsheltered aircraft on bases located in cold weather climates. Field units do not have enough hangar space to protect mission required aircraft from snow and ice. This requires units to conduct timely aircraft deicing to meet daily operational requirements.

F. TYPE ITEM: A

	P-I ITEM NO:		PAGE NO:	

WEAPON SYSTEM COST ANALYSIS (EXHIBIT P-5)

DATE: FEBRUARY 1998

APPROP CODE/BA: APAF/COMMON SUPPORT EQUIPMENT

P-I NOMENCLATURE: TRUCK MOUNTED DEICER
NSN 1730-00-555-6205

WEAPON SYSTEM COST ELEMENTS	IDENT CODE				FY 1997			FY 1998			FY 1999		
					QTY	UNIT COST	TOTAL COST	QTY	UNIT COST	TOTAL COST	QTY	UNIT COST	TOTAL COST
DEICER	A							45	228	10,253	61	233	14,190
TRAINING										385			719
SHIPPING										245			342
TOTAL								45		10,883	61		15,251

REMARKS:

	P-I ITEM NO:		PAGE NO:	

BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P-5A)

DATE: FEBRUARY 1998

APPROP CODE/BA: APAF/COMMON SUPPORT EQUIPMENT

P-I NOMENCLATURE: TRUCK MOUNTED DEICER **1730-00-555-6205**

ITEM/FISCAL YEAR	QTY.	UNIT COST	LOCATION OF PCO	CONTRACT METHOD & TYE	CONTRACTOR AND LOCATION	AWARD DATE	DATE OF FIRST DELIVERY	SPECS AVAIL NOW	DATE REVISIONS AVAIL
FY95	7	222	AFMCISA-ALC	C/FFP	LANDOLL CORP MARYSVILLE, KS	JUL 96	DEC 96		
FY98	45	228	AFMCISA-ALC	OPT/FFP	LANDOLL CORP MARYSVILLE, KS	DEC 97	JUL 98		
FY99	61	233	AFMCISA-ALC GSA	OPTION MIPR	UNKNOWN	NOV 98	JUN 99	Y	

REMARKS:

FY 95 procurement established a requirements contract with a two year ordering period.

FY 98 U/C based on contractors quote issued June 97.

FY 99 is an option to a GSA C/FFP requirements contract to award Nov 97. FY99 unit cost is the FY98 cost inflated.

	P-I ITEM NO:		PAGE NO:	

PRESIDENT'S BUDGET PRODUCTION SCHEDULE (EXHIBIT P-21) | **DATE:** FEBRUARY 1998

APPROP CODE/BA: APAF/COMMON SUPPORT EQUIPMENT

P-I NOMENCLATURE: TRUCK MOUNTED DEICER 1730-00-555-6205

ITEM/MANUFACTURER/ PROCUREMENTYEAR	SERV.	PROC. QTY.	ACCEP. PRIOR TO 1 OCT.	BAL DUE AS OF 1 OCT.	1997			CALENDAR 1998 FY98									CALENDAR 1998 FY99									CALENDAR 1999 FY99								
					OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
TRUCK MOUNTED DEICER																																
FY98	AF	45	0	45			C							6	9	9	9	9	3													
FY99	AF	61	0	61														C						9	9	9	9					
FY99 (BP10)	C130J	3	0	3														C														
FY99 (BP10)	c-17	3					C							3																		
TOTALS		112	0	109	0	0	0	0	0	0	0	0	0	9	9	9	9	9	3	0	0	0	0	0	9	9	9	9				

ITEM/MANUFACTURER/ PROCUREMENTYEAR (repeat of items above)	SERV.	PROC. QTY.	ACCEP. PRIOR TO 1 OCT.	BAL DUE AS OF 1 OCT.	1999			CALENDAR 2000 FYOO												CALENDAR 2001 FY01											
					OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP			
TRUCK MOUNTED DEICER																															
FY98	AF	45	45	0																											
FY99	AF	61	36	25	9	9	7																								
FY99 (BP10)	C130J	3	0	3			2	1																							
FY99 (BP10)	c-17	3																													
TOTALS		112	81	28	9	9	9	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			

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	MANFACTURING PLT	TOTAL AFTER 1 OCT.
LANDOLL CORP	1		9						
MARYSVILLE, KS (FY95/98)					INITIAL	0	2	7	9
UNKNOWN (FY99)					REORDER	0	1	7	8

REMARKS: U/M = EA

	P-I ITEM NO:		PAGE NO:	

REQUIREMENTS STUDY (EXHIBIT P-20)				DATE: FEBRUARY 1998
APPROP CODEIBA: APAF/COMMON SUPPORT EQUIPMENT		P-I NOMENCLATURE: TRUCK MOUNTED DEICER 1730-00-555-6205		
ASSET DYNAMICS (BY FDP):	**FY 1997**	**FY 1998**	**FY 1999**	
BEGINNING ASSET POSITION (As of 31 Mar 97)	544	544	589	
DELIVERIES FROM ALL PRIOR YEAR FUNDING				
QUANTITIES PROCURED WITH FY97 FUNDING				
QUANTITIES PROCURED WITH FY98 FUNDING		45		
QUANTITIES PROCURED WITH FY99 FUNDING			61	
TEST/TRAINING USAGE				
DISPOSALS			(- 21)	
END OF YEAR ASSET POSITION	**544**	**589**	**629**	
INVENTORY OBJECTIVE:		**VEH ELIGIBLE:**		
PEACETIME PIPELINE/STOCK LEVEL		BY1 REPLACE		
PEACETIME STATIC LEVEL		BY2 REPLACE		
WRM	64	VEH AUGMENT		
OTHER	583			
TOTAL INVENTORY OBJECTIVE	**647**			
REMARKS:				

	P-I ITEM NO:		PAGE NO:	

BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)							DATE: FEBRUARY 1998	
APPROP CODE/BA: APAF/COMMON SUPPORT EQUIPMENT				P-I NOMENCLATURE: NOISE SUPPRESSOR SYSTEM, AIRCRAFT NSN 4920-01-082-I 095				
		FY 1997	FYI998	FYI999	FY2000	FY 2001	FY2002	FY2003
QUANTITY		0	1	1	0	0	0	0
COST (in thousands)		$ 0	$3,086	$3,152	$ 0	$ 0	$ 0	$ 0

DESCRIPTION:

A. DESCRIPTION/FUNCTION: The noise suppressor is a demountable enclosure which consists of an acoustically lined structural steel framework, engine thrust fixtures, engine hoist system, air inlet splitter baffles, exhaust silencer, air compressor, and fire suppression system. It is 218 ft long, 52 ft wide, and 29 ft high. This item is used to suppress noises generated by jet engines being run within the facility. The overall test chamber system is an integrated design that will achieve the necessary operating conditions for satisfactory engine testing while achieving the aerodynamic and thermodynamic requirements of the specific engine under test. There are no other engine test suppressors presently in the inventory that will accommodate the thrust capacity of the F101 and F108 engines.

B. PURPOSE OF PROCUREMENT: Initial requirement

C. APPLICATION: B-IB aircraft

D. REQUIREMENTS: FY99 - 1 shortage (B-IB)

E. IMPACT: This requirement evolved from the increased emphasis on environmental control and a finding by the Surgeon General that over 2,000 Air Force personnel were retraining each year due to hearing loss associated with being around jet engine noise. Without adequate noise sound suppression, engine operation would be restricted to only certain hours of operation (usually daylight), jeopardizing aircraft readiness; base personnel would be exposed to severe noise with possible hearing damage or loss; and community relations would often be strained due to unsuppressed jet engine operation. Dyess AFB has been selected to become the engine regional repair center (ERRC) for the B-l B/F101 engine supporting all of the B-l B units except McConnell AFB, which will remain open as a second source of repair. As the regional repair center, Dyess AFB will experience an increase in test cell run requirements of approximately 60%. Without a second noise suppressor, Dyess AFB will be required to maintain a 3-shift operation. Additionally, with an increased workload, the need becomes more critical when the current noise suppressor requires maintenance or repair. Without an alternate, the ERRC production capability will be halted and in turn, affect the overall readiness of the B-l fleet.

F. TYPE ITEM: A

	P-I ITEM NO:		PAGE NO:	

WEAPON SYSTEM COST ANALYSIS (EXHIBIT P-5)

DATE: FEBRUARY 1998

APPROP CODE/BA: APAF/COMMON SUPPORT EQUIPMENT

P-I NOMENCLATURE: NOISE SUPPRESSOR SYSTEM, AIRCRAFT NSN 4920-01-082-I 095

WEAPON SYSTEM COST ELEMENTS	IDENT CODE				FY 1997			FY 1998			FY 1999		
					QTY	UNIT COST	TOTAL COST	QTY	UNIT COST	TOTAL COST	QTY	UNIT COST	TOTAL COST
1. NOISE SUPPRESSOR	A							1	2,145	2,145	1	2,191	2,191
A. ACCEPTANCE TEST										2			2
B. OTHER (1)										939			959
TOTAL										3,086			3,152

REMARKS:

'(1) INCLUDES CONTROL ROOM, FIRE CONTROL VALVES, ELECTRICAL GROUNDING, AND WATER PUMP

	P-I ITEM NO:		PAGE NO:	

BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P-5A)

DATE: FEBRUARY 1998

APPROP CODEIBA: APAF/COMMON SUPPORT EQUIPMENT

P-I NOMENCLATURE: NOISE SUPPRESSOR SYSTEM, AIRCRAFT
NSN 4920-01-082-I 095

ITEM/FISCAL YEAR	QTY.	UNIT COST	LOCATION OF PCO	CONTRACT METHOD & TYE	CONTRACTOR AND LOCATION	AWARD DATE	DATE OF FIRST DELIVERY	SPECS AVAIL NOW	DATE REVISIONS AVAIL
FY94	3	1,747	AFMCISA-ALC	OPT/C/FFP	INDUSTRIAL ACOUSTICS CO (IAC), MONCKS CORNER SC	AUG 94	JUN 96		
FY98	1	2,145	AFMCISA-ALC	OPT/FFP	IAC, MONCKS CORNER SC	OCT 97	OCT 98		
FY99	1	2,191	AFMCISA-ALC	C/FFP	UNKNOWN	JUN 99	JUN 00	YES	

REMARKS:
FY94 WAS AN OPTION TO A FY93 COMPETITIVE FFP CONTRACT AWARDED OCT 92.
FY99 UNIT COST BASED ON FY98 PLUS INFLATION INDICES.

	P-I ITEM NO:		PAGE NO:	150

PRESIDENT'S BUDGET PRODUCTION SCHEDULE (EXHIBIT P-21)

DATE: FEBRUARY 1998

APPROP CODE/BA:
APAF/COMMON SUPPORT EQUIPMENT

P-I NOMENCLATURE:
NOISE SUPPRESSOR SYSTEM, AIRCRAFT
NSN 4920-01-082-I 095

ITEM/MANUFACTURER/ PROCUREMENTYEAR	SERV.	PROC. QTY.	ACCEP. PRIOR TO 1 OCT.	BAL DUE AS OF 1 OCT.	1997 OCT	NOV	DEC	CALENDAR 1998 FY98 JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	CALENDAR 1999 FY99 OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
FY94 NOISE SUPPRESSOR	AF	3	1	2			1						1														
FY98 NOISE SUPPRESSOR	AF	1	0	1	C												1										
FY99 NOISE SUPPRESSOR	AF	1	0	1																					C		
TOTALS		5	1	4	0	0	1	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0

ITEM/MANUFACTURER/ PROCUREMENT YEAR (repeat of items above)	SERV.	PROC. QTY.	ACCEP. PRIOR TO 1 OCT.	BAL DUE AS OF 1 OCT.	1999 OCT	NOV	DEC	CALENDAR 2000 FY00 JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	CALENDAR 2001 FY01 OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
FY94 NOISE SUPPRESSOR	AF	3	3	0																							
FY98 NOISE SUPPRESSOR	AF	1	1	0																							
FY99 NOISE SUPPRESSOR	AF	1	0	1									1														
TOTALS		5	4	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0

MANUFACTURER'S NAME AND LOCATION	PRODUCTION RATES MIN. SUST.	I-8-5	MAX.			PROCUREMENT LEAD TIME ADMIN LEAD TIME PRIOR TO 1 OCT	AFTER 1 OCT	MANFACTURING PLT	TOTAL AFTER 1 OCT.
INDUSTRIAL ACOUSTICS CO. (	1		1						
MONICKS CORNER, SC (FY94)					INITIAL	0	8	12	20
UNKNOWN (FY99)					REORDER				0

REMARKS:

	P-I ITEM NO:		PAGE NO:	

REQUIREMENTS STUDY (EXHIBIT P-20)				DATE: FEBRUARY 1998
APPROP CODE/BA: APAF/COMMON SUPPORT EQUIPMENT		P-I NOMENCLATURE: NOISE SUPPRESSOR SYSTEM, AIRCRAFT NSN 4920-01-082-I 095		
ASSET DYNAMICS (BY FDP):	**FY 1997**	**FY 1998**	**FY 1999**	
BEGINNING ASSET POSITION (As of 31 Mar 97)	24	26	27	
DELIVERIES FROM ALL PRIOR YEAR FUNDING	2			
QUANTITIES PROCURED WITH FY97 FUNDING				
QUANTITIES PROCURED WITH FY98 FUNDING		1		
QUANTITIES PROCURED WITH FY99 FUNDING			1	
TEST/TRAINING USAGE				
DISPOSALS				
END OF YEAR ASSET POSITION	**26**	**27**	**28**	
INVENTORY OBJECTIVE:		**VEH ELIGIBLE:**		
PEACETIME PIPELINE/STOCK LEVEL		BY1 REPLACE		
PEACETIME STATIC LEVEL		BY2 REPLACE		
/VRM		VEH AUGMENT		
3THER	28			
TOTAL INVENTORY OBJECTIVE	**28**			

REMARKS:

	P-I ITEM NO:		PAGE NO:	

BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)							DATE: FEBRUARY 1998	
APPROP CODE/BA: APAF/COMMON SUPPORT EQUIPMENT				P-I NOMENCLATURE: GENERATOR TEST STAND 4920-01-395-4067				
		FY 1997	FYI998	FYI999	FY2000	FY 2001	FY2002	FY2003
QUANTITY		0	1	30	0	0	0	0
COST (in thousands)		$ 0	$160	$4,892	$ 0	$ 0	$ 0	$ 0

DESCRIPTION:

A. DESCRIPTION/FUNCTION: The Generator Test Stand is used to test aircraft electrical generating system components. This test stand consists of two distinct components which are the test stand and the separate load bank. The test stand is mounted on a rugged unitized base with forklift channels for skidding and lifting requirements. The basic speed range is from 0 to 11,000 RPM, allowing plenty of high speed range for generator testing. The stand is capable of producing between 125 HP and 150 HP continuously and intermittently at 187 HP. This is an ideal speed range to permit the test of a wide range of constant speed drives and aircraft generators. This stand will allow for interchangeability with mechanical adapter hardware presently in use with the MC-2 generator test stand which is the test stand that is being replaced.

B. PURPOSE OF PROCUREMENT: To replace the existing MC-2 Test Stands which are obsolete, no longer procureable and technologically deficient. The only means of logistical support for the past ten years has been parts cannibalization.

C. APPLICATION: E-3A, C-135E, F-4, F-15, F-l 5E, KC-135R, RF-4C and F-16 aircraft.

D. REQUIREMENTS: FY99: 30 Replacements

E. IMPACT: Due to the deteriorating condition of current generator testing capabilities, failure to procure this new test stand in a timely fashion will adversely affect Air Force readiness. The ability to conduct fault isolation testing of aircraft generators and constant speed drives have been severely hampered by the increasing unreliability of the current testers. These systems require excessive manhours to maintain and are becoming logisitically unsupportable due to lack of spare parts. The only alternative is to procure the existing K-400B which is a depot-type test stand much more expensive and extremely complicated to use. Procurement of the Generator Test Stand will significantly improve the aircraft generator testing capability in the field and enhance mission readiness.

F. TYPE ITEM: A

	P-I ITEM NO:		PAGE NO:	

BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P-5A)

DATE: FEBRUARY 1998

APPROP CODEIBA: APAF/COMMON SUPPORT EQUIPMENT

P-I NOMENCLATURE: GENERATOR TEST STAND 4920-01-395-4067

ITEM/FISCAL YEAR	QTY.	UNIT COST	LOCATION OF PCO	CONTRACT METHOD & TYE	CONTRACTOR AND LOCATION	AWARD DATE	DATE OF FIRST DELIVERY	SPECS AVAIL NOW	DATE REVISIONS AVAIL
FY98	1	159.6	AFMCISA-ALC	C/FFP	UNKNOWN	MAR 98	APR 99	Y	
FY99	30	163	AFMCISA-ALC	OPTION	UNKNOWN	MAY 99	MAR 00	Y	

REMARKS:
UNIT COST BASED ON ENGINEERING ESTIMATE

	P-I ITEM NO:		PAGE NO:	

PRESIDENT'S BUDGET PRODUCTION SCHEDULE (EXHIBIT P-21) | **DATE:** FEBRUARY 1998

APPROP CODE/BA: APAF/COMMON SUPPORT EQUIPMENT

P-I NOMENCLATURE: GENERATOR TEST STAND 4920-01-395-4067

ITEM/MANUFACTURER/ PROCUREMENTYEAR	SERV.	PROC. QTY.	ACCEP. PRIOR TO 1 OCT.	BAL DUE AS OF 1 OCT.	1997 OCT	NOV	DEC	CALENDAR 1998 JAN	FEB	FY98 MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	FY99 MAR	APR	CALENDAR 1999 MAY	JUN	JUL	AUG	SEP
FY98 FIRST ARTICLE	AF	1	0	1						C													1					
FY99 GENERATOR TEST STAND	AF	30	0	30																				C				
TOTALS		31	0	31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0

ITEM/MANUFACTURER/ PROCUREMENT YEAR (repeat of items above)	SERV.	PROC. QTY.	ACCEP. PRIOR TO 1 OCT.	BAL DUE AS OF 1 OCT.	1999 OCT	NOV	DEC	CALENDAR 2000 JAN	FEB	FY00 MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	FY01 APR	CALENDAR 2001 MAY	JUN	JUL	AUG	SEP
FY98 FIRST ARTICLE	AF	1	1	0																								
FY99 GENERATOR TEST STAND	AF	30	0	30						5	5	5	5	5	5													
TOTALS		31	1	30	0	0	0	0	0	5	5	5	5	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0

MANUFACTURER'S NAME AND LOCATION	PRODUCTION RATES MIN. SUST.	I-8-5	MAX.			PROCUREMENT LEAD TIME ADMIN LEAD TIME PRIOR TO 1 OCT	AFTER 1 OCT	MANFACTURING PLT	TOTAL AFTER 1 OCT.
UNKNOWN	1		5						
					INITIAL	0	5	13	18
					REORDER		2	10	12

REMARKS: UM = EACH

	P-I ITEM NO:		**PAGE NO:**	

REQUIREMENTS STUDY (EXHIBIT P-20)	DATE: FEBRUARY 1998
APPROP CODE/BA: APAF/COMMON SUPPORT EQUIPMENT	**P-I NOMENCLATURE:** GENERATOR TEST STAND 4920-01-395-4067

ASSET DYNAMICS (BY FDP):	**FY 1997**	**FY 1998**	**FY 1999**
BEGINNING ASSET POSITION (As of 31 Mar 97)	31	31	32
DELIVERIES FROM ALL PRIOR YEAR FUNDING			
QUANTITIES PROCURED WITH FY97 FUNDING			
QUANTITIES PROCURED WITH FY98 FUNDING		1	
QUANTITIES PROCURED WITH FY99 FUNDING			30
TEST/TRAINING USAGE	(0)	(0)	(0)
DISPOSALS	(0)	(0)	(31)
END OF YEAR ASSET POSITION	31	32	31

INVENTORY OBJECTIVE:		**VEH ELIGIBLE:**
PEACETIME PIPELINE/STOCK LEVEL		BY1 REPLACE
PEACETIME STATIC LEVEL		BY2 REPLACE
WRM		VEH AUGMENT
OTHER	31	
TOTAL INVENTORY OBJECTIVE	31	

REMARKS:

	P-I ITEM NO:		PAGE NO:	

BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)	DATE: FEBRUARY 1998
APPROP CODEIBA: APAF/COMMON SUPPORT EQUIPMENT	P-I NOMENCLATURE: SELF-GENERATING NITROGEN SERVICING CART (SGNSC) 3655-01-347-9055

		FY 1997	FYI998	FYI999	FY2000	FY 2001	FY2002	FY2003
QUANTITY		0	2	133	330	360	222	0
COST (in thousands)		$ 0	$750	$9,515	$23,897	$26,672	$16,847	$ 0

DESCRIPTION:

A. DESCRIPTION/FUNCTION: The Self-Generating Nitrogen Servicing Cart (SGNSC) produces high purity, gaseous nitrogen. The SGNSC is a lightweight, portable cart that can be towed over unimproved surfaces and transported by helicopter and fixed wing aircraft. The SGNSC will produce gaseous nitrogen by use of a plastic fiber membrane that separates pure nitrogen from ambient, compressed air. It will produce 95.5 percent pure nitrogen at 4,000 pounds per square inch gage (PSIG) at a rate of not less than 15 standard cubic feet per minute (SCFM). The nitrogen gas will be used to service tires, struts and accumulators. The SGNSC system is a self-contained, enclosed, diesel engine powered, four wheel, towable cart with a weight of less than 4,000 pounds.

B. PURPOSE OF PROCUREMENT: To replace three unreliable and obsolete systems: the liquid nitrogen servicing unit (LN-2), the six and eight bottle nitrogen servicing carts and an air compressor. This item will be rapidly deployable and capable of supporting aircraft under remote and bare base conditions. The need to store and transport liquid nitrogen under these conditions will be greatly reduced. Additional benefits include improved safety and a reduction of dependency on foreign sources. The SGNSC eliminates the need to handle cryogenic liquid, reduces the possiblity of injury due to ignition of aircraft tires and reduces maintenance operations.

C. APPLICATION: A-10, B-l B, B-2, B-52, C-5, C-17, C-20, C-130, C-135, C-141, E-8, EC-3A, F-15, F-16, T-37, T-38, T-39 and the UH001H

D. REQUIREMENTS: FY99: 133 shortages

E. IMPACT: Without the SGNSC, the Air Force must rely on several other items of support equipment. Existing carts must be filled with liquid nitrogen supplied by either a cryogenic plant or through contract services and converted to gaseous nitrogen in the cart. This method is inefficient and time consuming. This requirement also exists at forward operating bases and at base operations that have a limited or nonexistent supply of nitrogen from contractors. To satisfy nitrogen requirements in these areas, the Air Force is dependent on its ability to ship and store 400 gallon liquid nitrogen storage tanks. The utilization of a SGNSC in lieu of several other items of support equipment would reduce manhours required for nitrogen servicing and decrease the deployment footprint of the support equipment required to be transported. Thus, deployment for wartime operations would be facilitated.

F. TYPE ITEM: A

	P-I ITEM NO:		PAGE NO:	

WEAPON SYSTEM COST ANALYSIS (EXHIBIT P-5)

DATE: FEBRUARY 1998

APPROP CODE/BA:
APAF/COMMON SUPPORT EQUIPMENT

P-I NOMENCLATURE:
SELF GENERATING NITROGEN SERVICING CART (SGNSC)
3655-01-347-9055

WEAPON SYSTEM COST ELEMENTS	IDENT CODE				FY 1997			FY 1998			FY 1999		
					QTY	UNIT COST	TOTAL COST	QTY	UNIT COST	TOTAL COST	QTY	UNIT COST	TOTAL COST
FIRST ARTICLE UNITS	A							2	375	750			
SGNSC	A										133	70.9	9,425
TECHNICAL MANUALS												90	90
TOTAL										750			9,515

REMARKS:
COSTS FOR THE FIRST ARTICLE TESTS AND TECHNICAL MANUALS ARE BASED ON ENGINEERING ESTIMATES. UNIT COST IS BASED ON THE ESCALATION OF A 1992 CONTRACT PLUS INFLATION INDICES.

	P-I ITEM NO:		PAGE NO:	

BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P-5A)	DATE: FEBRUARY 1998
APPROP CODE/BA: APAF/COMMON SUPPORT EQUIPMENT	P-I NOMENCLATURE: SELF GENERATING NITROGEN SERVICING CART (SGNSC) 3655-01-347-9055

ITEM/FISCAL YEAR	QTY.	UNIT COST	LOCATION OF PCO	CONTRACT METHOD & TYE	CONTRACTOR AND LOCATION	AWARD DATE	DATE OF FIRST DELIVERY	SPECS AVAIL NOW	DATE REVISIONS AVAIL
SGNSC/FY98	2	375	AFMCISA-ALC	C/FFP	UNKNOWN	MAR 98	MAR 99	Y	
SGNSC/FY99	133	70.9	AFMCISA-ALC	OPT/FFP	UNKNOWN	JUL 99	FEB 00		

REMARKS:
THE FY98 ASSETS ARE FIRST ARTICLE TEST ASSETS.

	P-I ITEM NO:		PAGE NO:	

PRESIDENT'S BUDGET PRODUCTION SCHEDULE (EXHIBIT P-21) | **DATE:** FEBRUARY 1998

APPROP CODE/BA: APAF/COMMON SUPPORT EQUIPMENT

P-I NOMENCLATURE: SELF GENERATING NITROGEN SERVICING CART (SGNSC) 3655-01-347-9055

ITEM/MANUFACTURER/ PROCUREMENTYEAR	SERV.	PROC. QTY.	ACCEP. PRIOR TO 1 OCT.	BAL DUE AS OF 1 OCT.	1997			CALENDAR 1998										CALENDAR 1999									
										FY98												FY99						
					OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
S.G.N.S.C.																												
FY98	AF	2	0	2						C												FA			2			
FY99	AF	133	0	133																						C		
FY99 (BP10 - INITIAL RQMTS)	c-17	31	0	31																						C		
FY99	FMS	11	0	11																						C		
FY99	ARMY	50	0	50																						C		
FY99 (BP10 -INITIAL RQMTS)	E-8	3	0	3																						C		
FY99 (BP10 - INITIAL RQMTS)	C130J	12	0	12																						C		
TOTALS		242	0	242	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0

ITEM/MANUFACTURER/ PROCUREMENTYEAR (repeat of items above)	SERV.	PROC. QTY.	ACCEP. PRIOR TO 1 OCT.	BAL DUE AS OF 1 OCT.	1999			CALENDAR 2000										CALENDAR 2001									
										FY00												FY01						
					OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
S.G.N.S.C.																												
FY98	AF	7	7	0																								
FY99	AF	133	0	133					15	15	19	20	20	20	24													
FY99 (BP10 - INITIAL RQMTS)	c-17	31	0	31					5	5	5	5	5	5	1													
FY99	FMS	11	0	11					5	5	1																	
FY99	ARMY	50	0	50					5	5	5	5	5	5	5	15												
FY99 (BP10 -INITIAL RQMTS)	E-8	3	0	3												3												
FY99 (BP10 - INITIAL RQMTS)	C130J	12	0	12												12												
TOTALS		242	2	240	0	0	0	0	30	30	30	30	30	30	30	30	0	0	0	0	0	0	0	0	0	0	0	0

MANUFACTURER'S NAME AND LOCATION	PRODUCTION RATES MIN. SUST.	i-8-5	MAX.			PROCUREMENT LEAD TIME ADMIN LEAD TIME PRIOR TO 1 OCT	AFTER 1 OCT	MANFACTURING PLT	TOTAL AFTER 1 OCT.
UNKNOWN	1		30						
					INITIAL		5	12	17
					REORDER	0	9	7	16

REMARKS:

	P-I ITEM NO:		PAGE NO:	

REQUIREMENTS STUDY (EXHIBIT P-20)				DATE: FEBRUARY 1998
APPROP CODE/BA: APAF/COMMON SUPPORT EQUIPMENT		**P-I NOMENCLATURE:** SELF GENERATING NITROGEN SERVICING CART (SGNSC) 3655-01-347-9055		
ASSET DYNAMICS (BY FDP):	**FY 1997**	**FY 1998**	**FY 1999**	
BEGINNING ASSET POSITION (As of 31 Mar 97)	418	418	420	
DELIVERIES FROM ALL PRIOR YEAR FUNDING				
QUANTITIES PROCURED WITH FY97 FUNDING				
QUANTITIES PROCURED WITH FY98 FUNDING		2		
QUANTITIES PROCURED WITH FY99 FUNDING			179	
TEST/TRAINING USAGE				
DISPOSALS				
END OF YEAR ASSET POSITION	418	420	599	
INVENTORY OBJECTIVE:		**VEH ELIGIBLE:**		
PEACETIME PIPELINE/STOCK LEVEL		BY 1 REPLACE		
PEACETIME STATIC LEVEL		BY2 REPLACE		
WRM		VEH AUGMENT		
OTHER	1,777			
TOTAL INVENTORY OBJECTIVE	1,777			

REMARKS:

	P-I ITEM NO:		PAGE NO:	

BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)	DATE: FEBRUARY 1998
APPROP CODE/BA: APAF/COMMON SUPPORT EQUIPMENT	P-I NOMENCLATURE: ENGINE TEST TRIM AUTOMATED SYSTEM II(ETTASII)4920-01-445-4420DQ

		FY 1997	FYI998	FYI 999	FY2000	FY 2001	FY2002	FY2003
QUANTITY				50	113			
COST (in thousands)		$ 0	$ 0	$12,236	$28,263	$ 0	$ 0	$ 0

DESCRIPTION:

A. DESCRIPTION/FUNCTION: The ETTAS II is a 100% (hardware/software) Commercial Off-The-Shelf (COTS) engine tester designed to provide automatic closed loop and manual testing capabilities for intermediate and depot level engine test.

B. PURPOSE OF PROCUREMENT: To field a new state-of-the-art engine tester to replace obsolete systems and improve the reliability of engine testing conducted in the field.

C. APPLICATION: ETTAS II is utilized as the engine tester for all Air Force aircraft/engines: F15/16 (F100), BIB (F101), F16 (F110), Cl7 (F117), B2 (F118),F22 (F119), KC135 (TF33,F108), B52 (J57), T37, (J69), T38 (J85) Cl30 (T56), F111 (TF30), B52, Cl41 (TF33), A10 (TF34), C5 (TF39).

D. REQUIREMENTS: FY99: 50 shortages

E. IMPACT: Existing testers require as many as two times the man-hours to perform manual engine tests as the ETTAS-II requires to perform automatic test. Addtionally, the ETTAS II provides significant cost avoidance because current systems: consume excessive fuel during tests, create excessive downtime of aircraft due to insufficient quantities of servicable engines being produced, produce engines with less than maximum efficiencies, and collect data currently not compatable with AF goals of Comprehensive Jet Engine Management. The ETTAS-II replaces the following obsolete intermediate and depot testers now in the field: (1) Automatic Ground Engine Test Set (AGETS), (2) Engine Test/Trim Automated System (ETTAS), (3) Pacer Comet III (PCIII), (4) F110GE-100/129 Bus Monitor Computer Tester, (5) F118GE-100 Microvax Tester, and (6) Turbine Engine Monitoring System (TEMS).

F. TYPE ITEM: A

	P-I ITEM NO:		PAGE NO:	

BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P-5A)	DATE: FEBRUARY 1998
APPROP CODE/BA: APAF/COMMON SUPPORT EQUIPMENT	P-I NOMENCLATURE: ENGINE TEST/TRIM AUTOMATED SYSTEM II(ETTASII) 4920-01-445-4420DQ

ITEM/FISCAL YEAR	QTY.	UNIT COST	LOCATION OF PCO	CONTRACT METHOD & TYE	CONTRACTOR AND LOCATION	AWARD DATE	DATE OF FIRST DELIVERY	SPECS AVAIL NOW	DATE REVISIONS AVAIL
ETTASII/FY99	50	244.7	AFMC/SA-ALC	SS/FFP	RACAL INSTRUMENT INC. IRVINE, CA	OCT 98	APR 99	Y	

REMARKS:

	P-I ITEM NO:		PAGE NO:	

PRESIDENT'S BUDGET PRODUCTION SCHEDULE (EXHIBIT P-21)

DATE: FEBRUARY 1998

APPROP CODE/BA: OPAF/OTHER BASE MAINTENANCE & SUPPORT EQUIPMENT

P-1 NOMENCLATURE: ENGINE TEST/TRIM AUTOMATED SYS II (ETTASII) 4920-01-445-4420DQ

ITEM/MANUFACTURER/ PROCUREMENT YEAR	SERV.	PROC. QTY.	ACCEP. PRIOR TO 1 OCT.	BAL DUE AS OF 1 OCT.	1997	CALENDAR 1998												CALENDAR 1999											
						FY98												FY99											
					OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
4920-01-445-4420DQ																													
RACAL INSTRUMENT INC																													
FY99	AF	50	0	50													C						20	30					
FY99 (BP10 INITIAL RQMTS)	F16C	30	0	30													C						20	10					
FY99 (BP 10 INITIAL RQMTS)	C17	1	0	1													C						1						
FY99 (BP 10 INITIAL RQMTS)	F22	1	0	1													C						1						
TOTALS		82	0	82	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	42	40	0	0	0	0	0

ITEM/MANUFACTURER/ PROCUREMENT YEAR (repeat of items above)	SERV.	PROC. QTY.	ACCEP. PRIOR TO 1 OCT.	BAL DUE AS OF 1 OCT.	1999	CALENDAR 2000												CALENDAR 2001											
						FY00												FY01											
					OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
4920-01-445-4420DQ																													
RACAL INSTRUMENT INC																													
FY99	AF	50	50	0																									
FY99 (BP10 INITIAL RQMTS)	F16C	30	30	0																									
FY99 (BP 10 INITIAL RQMTS)	C17	1	1	0																									
FY99 (BP 10 INITIAL RQMTS)	F22	1	1	0																									
TOTALS		82	82	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

MANUFACTURER'S NAME AND LOCATION	PRODUCTION RATES				PROCUREMENT LEAD TIME			
	MIN. SUST.	1-8-5	MAX.		ADMIN LEAD TIME		MANFACTURING	TOTAL AFTER
RACAL INSTRUMENTAL INC		1	100		PRIOR TO 1 OCT	AFTER 1 OCT	PLT	1 OCT.
IRVINE, CA 92616-2002				INITIAL	0	1	6	7
				REORDER	0	0	0	0

REMARKS:

	P-1 ITEM NO:		PAGE NO:	

REQUIREMENTS STUDY (EXHIBIT P-20)				DATE: FEBRUARY 1998
APPROP CODE/BA: APAF/COMMON SUPPORT EQUIPMENT		P-I NOMENCLATURE: ENGINE TEST/TRIM AUTOMATED SYSTEM II(ETTAS II) 4920-01-445-4420DQ		
ASSET DYNAMICS (BY FDP):	**FY 1997**	**FY 1998**	**FY 1999**	
BEGINNING ASSET POSITION (As of 31 Mar 97)		0	0	
DELIVERIES FROM ALL PRIOR YEAR FUNDING				
QUANTITIES PROCURED WITH FY97 FUNDING				
QUANTITIES PROCURED WITH FY98 FUNDING				
QUANTITIES PROCURED WITH FY99 FUNDING			82	
TEST/TRAINING USAGE				
DISPOSALS				
END OF YEAR ASSET POSITION	0	0	**82**	
INVENTORY OBJECTIVE:		**VEH ELIGIBLE:**		
PEACETIME PIPELINE/STOCK LEVEL		BY 1 REPLACE		
PEACETIME STATIC LEVEL		BY2 REPLACE		
WRM		VEH AUGMENT		
OTHER	195			
TOTAL INVENTORY OBJECTIVE	195			

REMARKS:
32 EACH PROCURED WITH BP10 FUNDS (INITIAL REQUIREMENTS)

	P-I ITEM NO:		PAGE NO:	

BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)	DATE: FEBRUARY 1998
APPROP CODE/BA: APAF/COMMON SUPPORT EQUIPMENT	P-I NOMENCLATURE: 405 R.F. TRANSPORTABLE BRAT NSN: 4920-NC-D01-6799DQ

		FY 1997	FYI998	FYI999	FY2000	FY 2001	FY2002	FY2003
QUANTITY			9					
COST (in thousands)		$ 0	$15,256	$8,750	$ 0	$ 0	$ 0	$ 0

DESCRIPTION:

A. The 405 Radio Frequency Transportable Benchtop Reconfigurable Automatic Tester (R.F.T-BRAT) is a flexible test system, based on an open architecture of commercial equipment in a modular design. It can also be used as General Purpose Test Equipment (GPTE) through its built-in virtual panels. The interface provides universal analog, dynamic digital and static digital test points; three phase facility power routing, and dedicated R.F. paths, which reduce the number and complexity of Interface Test Adapters (ITA). The R.F. Brat features VXI instrument-on-a-card and modular technologies to provide complex testing capabilities. Programming is done through a graphical "spreadsheet" environment, providing low learning curves and high throughput. The standard operating environment is Windows. The test equipment will consist of, but not be limited to a controller, controller operational software, power source, RF, Analog/Digital and Test Program Sets (TPSs). This acquisition will provide a standard commerical test system for a minimum of 78 E-3 Airborne Warning & Control System (AWACS) Line Replaceable Units (LRUs)/Shop Replaceable Units (SRUs) and will replace a minimum of 14 different existing testers, allowing interchangeability of tester hardware between shops.

B. PURPOSE OF PROCUREMENT: To fill shortages generated by obsolete and unsupportable equipment.

C. APPLICATION: E-3 B/C

D. REQUIREMENTS: FY99: 28 Test Program Sets (TPSs)

E. IMPACT STATEMENT: Failure to procure the R405B RF Transportable Test Station will significantly impair E-3B/C aircraft mission readiness. Current mission capable rate for the E-3 is at a low 68.9% with an operational mandate of 85%. A primary contributing cause in the degration of mission capable rates is the lack of test or repair capability at the organizational level for avionics LRUs and SRUs requiring radio frequency test capability. Current systems are 1970s technology and obsolete. Supportability problems have been compounded by a dramatic decrease in the availability of spares and excessive leadtime associated with depot/contract repair. The Transportable Test Station is state-of-the-art and will eliminate multiple types of obsolete test equipment presently being used to test state-of-the-art systems. Additionally, the Transportable Test Station will provide the capability to perform testing at deployed locations. Reliability and maintainablity will be significantly improved and test time reduced.

F. TYPE ITEM: A

	P-I ITEM NO:		PAGE NO:	

WEAPON SYSTEM COST ANALYSIS (EXHIBIT P-5)

DATE: FEBRUARY 1998

APPROP CODE/BA: APAF/COMMON SUPPORT EQUIPMENT

P-I NOMENCLATURE: 405 R.F. TRANSPORTABLE BRAT NSN 4920-NC-D01-6799DQ

WEAPON SYSTEM COST ELEMENTS	IDENT CODE				FY 1997			FY 1998			FY 1999 .		
					QTY	UNIT COST	TOTAL COST	QTY	UNIT COST	TOTAL COST	QTY	UNIT COST	TOTAL COST
405 RF BRAT	A							9	1,223	11,006			
TEST PROGRAM SET (TPS)	A							10	250	2,500	28	250	7,000
INTERIM CONTRACT SUPPORT												250	250
DATA										1,000			700
IV&V										450			500
OTHER COSTS*										300			300
*ENVIRONMENTAL TESTING, NON RECURRING ENGINEERING													
TOTAL										15,256			8,750

REMARKS:

	P-I ITEM NO:		PAGE NO:	

BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P-5A)	DATE: FEBRUARY 1998
APPROP CODE/BA: APAF/COMMON SUPPORT EQUIPMENT	P-I NOMENCLATURE: 405 R.F. TRANSPORTABLE BRAT NSN: 4920-NC-D01-6799DQ

ITEM/FISCAL YEAR	QTY.	UNIT COST	LOCATION OF PCO	CONTRACT METHOD & TYE	CONTRACTOR AND LOCATION	AWARD DATE	DATE OF FIRST DELIVERY	SPECS AVAIL NOW	DATE REVISIONS AVAIL
405 BRAT/FY98	9	1,223	AFMCISA-ALC	SS/FFP	ATTI	JAN 98	JUL 98		
					HAUPPAUGE, NY				
TPS	28	250	AFMCISA-ALC	OPTION	ATTI	APR 99	JUN 99	Y	

REMARKS:

	P-I ITEM NO:		PAGE NO:	

PRESIDENT'S BUDGET PRODUCTION SCHEDULE (EXHIBIT P-21) | **DATE:** FEBRUARY 1998

APPROP CODE/BA: APAF/COMMON SUPPORT EQUIPMENT

P-1 NOMENCLATURE: 405 R.F. TRANSPORTABLE BRAT NSN: 4920-NC-D01-6799DQ

ITEM/MANUFACTURER/ PROCUREMENT YEAR	SERV.	PROC. QTY.	ACCEP. PRIOR TO 1 OCT.	BAL DUE AS OF 1 OCT.	1997			CALENDAR 1998									CALENDAR 1999											
								FY98									FY99											
					OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
405 TRANSPORTABLE BRAT	AF	9	0	9				C						3	3	3												
ATTI FY98																												
TPS FY99	AF	28	0	28																			C		4	4	4	4
TOTALS		37	0	37	0	0	0	0	0	0	0	0	0	3	3	3	0	0	0	0	0	0	0	0	4	4	4	4

ITEM/MANUFACTURER/ PROCUREMENT YEAR (repeat of items above)	SERV.	PROC. QTY.	ACCEP. PRIOR TO 1 OCT.	BAL DUE AS OF 1 OCT.	1999			CALENDAR 2000									CALENDAR 2001											
								FY00									FY01											
					OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
405 TRANSPORTABLE BRAT	AF	9	9	0																								
ATTI FY98																												
TPS FY99	AF	28	16	12	4	4	4																					
TOTALS		37	25	12	4	4	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

MANUFACTURER'S NAME AND LOCATION	PRODUCTION RATES					PROCUREMENT LEAD TIME		
	MIN. SUST.	1-8-5	MAX.			ADMIN LEAD TIME	MANFACTURING	TOTAL AFTER
ATTI	1		3				LT	1 OCT.
110 RICEFIELD LN					INITIAL		6	9
HAUPPAUGE NY 11788			4		REORDE..			0

REMARKS:

	P-1 ITEM NO:		PAGE NO:	

REQUIREMENTS STUDY (EXHIBIT P-20)				DATE: FEBRUARY 1998
APPROP CODE/BA: APAF/COMMON SUPPORT EQUIPMENT		P-I NOMENCLATURE: 405 RF TRANSPORTABLE BRAT NSN: 4920-NC-D01-6799DQ		
ASSET DYNAMICS (BY FDP):	**FY 1997**	**FY 1998**	**FY 1999**	
BEGINNING ASSET POSITION (As of 31 Mar 97)		0	9	
DELIVERIES FROM ALL PRIOR YEAR FUNDING				
QUANTITIES PROCURED WITH FY97 FUNDING				
QUANTITIES PROCURED WITH FY98 FUNDING		9		
QUANTITIES PROCURED WITH FY99 FUNDING				
TEST/TRAINING USAGE				
DISPOSALS				
END OF YEAR ASSET POSITION	0	9	9	
INVENTORY OBJECTIVE:		**VEH ELIGIBLE:**		
PEACETIME PIPELINE/STOCK LEVEL		BY1 REPLACE		
PEACETIME STATIC LEVEL		BY2 REPLACE		
WRM		VEH AUGMENT		
OTHER	9			
TOTAL INVENTORY OBJECTIVE	9			

REMARKS:

	P-1 ITEM NO:		PAGE NO:	

BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)	DATE: FEBRUARY 1998
APPROP CODE/BA: APAF/COMMON SUPPORT EQUIPMENT	P-I NOMENCLATURE: AIR CONDITIONER, PD501 DIESEL 4120-01-167-5470

		FY 1997	FYI998	FYI999	FY2000	FY 2001	FY2002	FY2003
QUANTITY			13	22				0
COST (in thousands)		$ 0	$3,434	$5,812	$ 0	$ 0	$ 0	$ 0

DESCRIPTION:

A. DESCRIPTION/FUNCTION: The PD501 D Air Conditioner is a diesel engine driven, vapor cycle, trailer mounted unit with a nominal cooling capacity of 1,200,000 BTU/HRS. It provides air via 5 individually controllable outlets at temperatures ranging from 45 to 100 degrees Fahrenheit. Flow rates and maximum outlet pressures of 390 pounds per minute (PPM) at 2.0 pounds per square inch gauged (PSIG), 300 PPM/1.5 PSIG, or 220 PPM/3.0 PSIG can be selected. It is designed to operate in temperatures from -40 to +1 15 degrees (F) and provide cooling/heating for electronic equipment during ground checkout and maintenance checks of avionics systems on the B-l B, MC-1 30H and AC-1 30U aircraft.

B. PURPOSE OF PROCUREMENT: To fill increased shortages and procure replacements for unsuitable assets used for interim support.

C. APPLICATION: B-1B , MC-130H and the AC-130U

D. REQUIREMENTS: FY99: 15 shortages
7 replacements

E. IMPACT: Failure to procure the PD501 air conditioners will result in inadequate support of the B-l B aircraft. Currently, interim support for the B-l B aircraft is provided by one to five MA-3D air conditioners, or one ACE air conditioner, which are inadequate workarounds. Fully functioning air conditioners are required to prevent failure of vital electronic components due to overheating during ground check-out and maintenance. Without the PD501 Air Conditioner, the field will be forced to continually rely on the temporary workarounds which will seriously impair the mission capability of the B-l aircraft.

	P-I ITEM NO:		PAGE NO:	

BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P-5A)

DATE: FEBRUARY 1998

APPROP CODE/BA: APAF/COMMON SUPPORT EQUIPMENT

P-I NOMENCLATURE: AIR CONDITIONER, PD501 DIESEL 4120-01-167-5470

ITEM/FISCAL YEAR	QTY.	UNIT COST	LOCATION OF PCO	CONTRACT METHOD & TYE	CONTRACTOR AND LOCATION	AWARD DATE	DATE OF FIRST DELIVERY	SPECS AVAIL NOW	DATE REVISIONS AVAIL
FY93	36	240	AFMCISA-ALC	OPT/FPIS*	EAS** ST LOUIS MO	SEP 93	SEP 96		
FY96	34	240	AFMC/SA-ALC	OPT/FPIS	EAS ST LOUIS MO	NOV 95	FEB 98		
FY98	13	264	AFMCISA-ALC	OPT/FFP	EAS ST LOUIS MO	NOV 97	APR 99		
FY99	22	264	AFMCISA-ALC	OPT/FFP	EAS ST LOUIS MO	NOV 98	AUG 99	Y	

REMARKS:
OPTIONS TO A FY91 INCENTIVE TYPE CONTRACT WITH SUCCESSIVE TARGETS, CONTRACT IS CURRENTLY BEING NEGOTIATED TO A FIRM FIXED PRICE FOR FUTURE ORDERS. OPTION PERIOD EXPIRES JAN 00 (5-YEAR ORDERING PERIOD BEGINNING AFTER DELIVERY OF THE 1ST ARTICLE IN JAN 95). UNIT COST BASED ON FY96 CONTRACT MOD FOR FUTURE ORDERS PROPOSED BY THE CONTRACTOR 18 JUNE 97.
** ENGINEERED AIR SYSTEM ST LOUIS MO

	P-I ITEM NO:		PAGE NO:	

PRESIDENT'S BUDGET PRODUCTION SCHEDULE (EXHIBIT P-21) | **DATE:** FEBRUARY 1998

APPROP CODE/BA: APAF/COMMON SUPPORT EQUIPMENT

P-I NOMENCLATURE: AIR CONDITIONER,PD501 DIESEL 4120-01-167-5470

ITEM/MANUFACTURER/ PROCUREMENTYEAR	SERV.	PROC. QTY.	ACCEP. PRIOR TO 1 OCT.	BAL DUE AS OF 1 OCT.	1997 OCT	NOV	DEC	CALENDAR 1998 JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	CALENDAR 1999 JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
									FY98														FY99					
AIR CONDITIONER,PD501 DIESEL																												
FY93	AF	36	29	7	3	3	1																					
FY 94	DMAG	6	0	6			2	3	1																			
FY96	AF	34	0	34					2	3	3	3	3	3	3	3	3	3	3	2								
FY96 (BP 10 INITIAL REQMTS)	B-2	8	0	8																1	3	3	1					
FY96	AF	13	0	13		C																	2	3	3	3	2	
FY99	AF	22	0	22														C									1	3
TOTALS		119	29	90	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3

ITEM/MANUFACTURER/ PROCUREMENT YEAR (repeat of items above)	SERV.	PROC. QTY.	ACCEP. PRIOR TO 1 OCT.	BAL DUE AS OF 1 OCT.	1999 OCT	NOV	DEC	CALENDAR 2000 JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	CALENDAR 2001 JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
								FY00												FY01								
AIR CONDITIONER,PD501DIESEL																												
FY93	AF	36	36	0																								
FY 94	DMAG	6	6	0																								
FY96	AF	34	34	0																								
FY96 (BP 10 INITIAL REQMTS)	B-2	8	8	0																								
FY98	AF	13	13	0																								
FY99	AF	22	4	18	3	3	3	3	3	3																		
TOTALS		119	101	18	3	3	3	3	3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

MANUFACTURER'S NAME AND LOCATION	PRODUCTION RATES MIN. SUST.	I-8-5	MAX.			PROCUREMENT LEAD TIME ADMIN LEAD TIME PRIOR TO 1 OCT	AFTER 1 OCT	MANFACTURING PLT	TOTAL AFTER 1 OCT.
ENGINEERED AIR SYSTEM	1		3						
ST LOUIS MO					INITIAL				0
					REORDER	0	1	9	10

REMARKS: UNIT OF MEASURE: EACH

	P-I ITEM NO:		PAGE NO:	

REQUIREMENTS STUDY (EXHIBIT P-20)				DATE: FEBRUARY 1998
APPROP CODE/BA: APAF/COMMON SUPPORT EQUIPMENT		**P-I NOMENCLATURE:** AIR CONDITIONER, PD501 DIESEL 4120-01-167-5470		
ASSET DYNAMICS (BY FDP):	**FY 1997**	**FY 1998**	**FY 1999**	
BEGINNING ASSET POSITION (As of 31 Mar 97)	25	91	102	
DELIVERIES FROM ALL PRIOR YEAR FUNDING	66			
QUANTITIES PROCURED WITH FY97 FUNDING				
QUANTITIES PROCURED WITH FY98 FUNDING		13		
QUANTITIES PROCURED WITH FY99 FUNDING			22	
TEST/TRAINING USAGE				
DISPOSALS		(- 2)	(9)	
END OF YEAR ASSET POSITION	91	102	115	
INVENTORY OBJECTIVE:		**VEH ELIGIBLE:**		
PEACETIME PIPELINE/STOCK LEVEL		BY1 REPLACE		
PEACETIME STATIC LEVEL		BY2 REPLACE		
WRM	12	VEH AUGMENT		
OTHER	103			
TOTAL INVENTORY OBJECTIVE	115			

REMARKS:

	P-I ITEM NO:		PAGE NO:	

BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)	DATE: FEBRUARY 1998
APPROP CODE/BA: APAF/COMMON SUPPORT EQUIPMENT	P-I NOMENCLATURE: MHU-1 10/M MUNITIONS TRAILER, 1740 00 403 8235

		FY 1997	FYI998	FYI999	FY2000	FY 2001	FY2002	FY2003
QUANTITY			1	62				
COST (in thousands)		$ 0	$ 65	$1,736	$ 0	$ 0	$ 0	$ 0

DESCRIPTION:

A. DESCRIPTION/FUNCTION: The MHU-1 10/M Munitions Trailer is a ten-wheeled flatbed carrier capable of transporting any munitions within the load, dimensional and stability limitations stated within the Technical Order (T.O). Each trailer requires specific accessories for general purpose functional requirements such as cable harness, four main rails, four main rail extenders, 20 each chock assemblies (including trolleys) and 40 each chocks with tie down straps. The MHU-1 10/M Munitions Trailer has a load capacity of 15,000 pounds and the overall dimensions are 30 inches height, 87 inches width and 180 inches length.

B. PURPOSE OF PROCUREMENT: To fill increased shortages.

C. APPLICATION: A-10, B-52, B-l B, B-2, F-4, F-l 5, and F-16

D. REQUIREMENTS: FY99: 62 shortages

E. IMPACT: Failure to procure the MHU-110 Munitions Trailer will severely impair the strategic bomber forces war fighting capability and may result in decreasing the number of sorties flown by the B-l B aircraft. When deployed in an area such as the Area of Responsibility (AOR), lack of sufficient MHU-1 1 O/M Munitions Trailers to adequately support the bomber forces could result in considerable delays in loading 10,000 pound plus bombs.

F. TYPE ITEM: A

	P-I ITEM NO:		PAGE NO:	

BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P-5A)	DATE: FEBRUARY 1998
APPROP CODEIBA: APAF/COMMON SUPPORT EQUIPMENT	**P-I NOMENCLATURE:** MHU-1 10/M MUNITIONS TRAILER, 1740 00 403 8235

ITEM/FISCAL YEAR	QTY.	UNIT COST	LOCATION OF PCO	CONTRACT METHOD & TYE	CONTRACTOR AND LOCATION	AWARD DATE	DATE OF FIRST DELIVERY	SPECS AVAIL NOW	DATE REVISIONS AVAIL
MHU-11 O/M MUNITIONS TRAILER									
FY98	1	65	AFMCISA-ALC	C/FFP	KAMP SYST INC CHINO, CA	NOV 97	SEP 98	Y	
FY99	62	28	AFMCISA-ALC	OPTION	KAMP SYST	OCT 98	MAY 99		

REMARKS:

	P-I ITEM NO:		PAGE NO:	

PRESIDENT'S BUDGET PRODUCTION SCHEDULE (EXHIBIT P-21) | **DATE:** FEBRUARY 1998

APPROP CODE/BA: APAF/COMMON SUPPORT EQUIPMENT

P-I NOMENCLATURE: MHU-1 10/M MUNITIONS TRAILER, 1740 00 403 8235

ITEM/MANUFACTURER/ PROCUREMENT YEAR	SERV.	PROC. QTY.	ACCEP. PRIOR TO 1 OCT.	BAL DUE AS OF 1 OCT.	1997			CALENDAR 1998									CALENDAR 1999										
								FY98									FY99										
					OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
MHU-110/M MUNITIONS TRAILER																											
UNKNOWN																											
FY98 (FIRST ARTICLE)	AF	1	0	1		C										1											
FY98	FMS	12	0	12																		5	5	2				
FY 99	AF	62	0	62													C							2	5	5	5	5
TOTALS		75	0	75	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	5	5	4	5	5	5	5

ITEM/MANUFACTURER/ PROCUREMENT YEAR (repeat of items above)	SERV.	PROC. QTY.	ACCEP. PRIOR TO 1 OCT.	BAL DUE AS OF 1 OCT.	1999			CALENDAR 2000									CALENDAR 2001										
								FY00									FY01										
					OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
MHU-1 10/M MUNITIONS TRAILER																											
UNKNOWN																											
FY98 (FIRST ARTICLE)	AF	1	1	0																							
FY98	FMS	12	12	0	2	10																					
FY 99	AF	62	22	40	5	5	5	5	5	5	5	5															
TOTALS		75	35	40	7	15	5	5	5	5	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

MANUFACTURER'S NAME AND LOCATION	PRODUCTION RATES MIN. SUST.	I-8-5	MAX.			PROCUREMENT LEAD TIME ADMIN LEAD TIME PRIOR TO 1 OCT	AFTER 1 OCT	MANFACTURING	TOTAL AFTER
KAMP SYSTEMS INC,	1		16						1 OCT.
8348 KIMBALL AVE					INITIAL		1	10	11
CHINO, CA 91710					REORDER	0	1	7	8

REMARKS: UM = EACH

	P-I ITEM NO:		PAGE NO:	

REQUIREMENTS STUDY (EXHIBIT P-20)	DATE: FEBRUARY 1998
APPROP CODE/BA: APAFICOMMON SUPPORT EQUIPMENT	**P-I NOMENCLATURE:** MHU-1 10/M MUNITIONS TRAILER, 1740 00 403 8235

ASSET DYNAMICS (BY FDP):	**FY 1997**	**FY 1998**	**FY 1999**
BEGINNING ASSET POSITION (As of 31 Mar 97)	2,205	2,205	2,206
DELIVERIES FROM ALL PRIOR YEAR FUNDING			
QUANTITIES PROCURED WITH FY97 FUNDING			
QUANTITIES PROCURED WITH FY98 FUNDING		1	
QUANTITIES PROCURED WITH FY99 FUNDING			62
TEST/TRAINING USAGE			
DISPOSALS			
END OF YEAR ASSET POSITION	**2,205**	**2,206**	**2,268**

INVENTORY OBJECTIVE:		**VEH ELIGIBLE:**
PEACETIME PIPELINE/STOCK LEVEL		BY1 REPLACE
PEACETIME STATIC LEVEL		BY2 REPLACE
WRM	83	VEH AUGMENT
OTHER	2,185	
TOTAL INVENTORY OBJECTIVE	**2,268**	

REMARKS:

	P-I ITEM NO:		PAGE NO:	

BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)	DATE: FEBRUARY 1998
APPROP CODE/BA: APAF/COMMON SUPPORT EQUIPMENT	P-I NOMENCLATURE: C-5 AUTOMATIC TESTER NSN 4920NCD016733DQ

		FY 1997	FYI998	FYI999	FY2000	FY 2001	FY2002	FY2003
QUANTITY			10	1				
COST (in thousands)		$ 0	$3,780	$443	$ 0	$ 0	$ 0	$ 0

DESCRIPTION:

A. DESCRIPTION/FUNCTION: The C-5 Automatic Tester is a state-of-the-art PC based test system employing industry standard VXI (instrument-in-a-card technology) instruments for both measurement and stimulus functions. Included are a Digital Multi-Meter, Counter-Timer, Synchro-Resolver, two Function Generators, Digital Data stimulus and response instruments, and a digitizing Oscilloscope, thus providing full analog and digital testing capability. The system housed in a desk style test bench also includes programmable AC and DC power supplies and an intermediate/organizational interface panel for unit-under-test connection. The 5861150 Mhz computer provides program control and communications to all system assets via an IEEE-488 Standard (Institute of Electrical and Electronic Engineers) interface bus. Test Program Set (TPS) software is written in BASIC which is a high level language that is easy to use and understand.

B. PURPOSE OF PROCUREMENT: To satisfy field shortages

C. APPLICATION: C-5A/B

D. REQUIREMENTS: FY99: 1 shortage

E. IMPACT: This item will be used to test Safety-of-Flight systems that do not currently have reliable maintenance cabability. Time required to test the unit under test will be reduced from eight hours to thirty minutes. The tester uses automatic diagnostics to'fault isolate to the circuit card level 100% of the time and to the component level 95% of the time. As a result, the mean time to repair will be reduced from approximately 6 to 7 hours to thirty minutes. Currently the test equipment used to maintain these systems is logistically and technologically obsolete. It requires excessive time to repair and is not reliable. The items tested with this equipment often do not operate properly when re-installed on the C-5 aircraft. If the tester is not procured at this time, inadequate testing will continue to erode essential C-5 avionic systems and possibly cause a catastrophic loss of aircraft and crew.

F. TYPE ITEM: A

	P-I ITEM NO:		PAGE NO:	

WEAPON SYSTEM COST ANALYSIS (EXHIBIT P-5)

DATE: FEBRUARY 1998

APPROP CODE/BA: APAF/COMMON SUPPORT EQUIPMENT

P-I NOMENCLATURE: C-5 AUTOMATIC TESTER 4920NCD016733DQ

WEAPON SYSTEM COST ELEMENTS	IDENT CODE				FY 1997			FY 1998			FY 1999		
					QTY	UNIT COST	TOTAL COST	QTY	UNIT COST	TOTAL COST	QTY	UNIT COST	TOTAL COST
TESTER	A							10	336	3,360	1	343	343
ICS												100	100
LRU T.O. UPDATES									20	20			
TECH DATA									200	200			
INTEGRATED TEST ADAPTERS (ITAS)									150	150			
ACCEPTANCE TEST PROCEDURES (ATPS)									50	50			
TOTALS								10		3,780	1		443

REMARKS:

	P-I ITEM NO:		PAGE NO:	180

BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P-5A)

DATE: FEBRUARY 1998

APPROP CODE/BA: APAF/COMMON SUPPORT EQUIPMENT

P-I NOMENCLATURE: C-5 AUTOMATIC TESTER 4920NCD016733DQ

ITEM/FISCAL YEAR	QTY.	UNIT COST	LOCATION OF PCO	CONTRACT METHOD & TYE	CONTRACTOR AND LOCATION	AWARD DATE	DATE OF FIRST DELIVERY	SPECS AVAIL NOW	DATE REVISIONS AVAIL
FY98	10	336	AFMCISA-ALC	SS/FFP	ATTI HAUPPAGUE, NY	MAR 98	DEC 98	Y	
FY99	1	343	AFMCISA-ALC	OPT/FFP	ATTI HAUPPAGUE, NY	OCT 98	JUL 99	Y	

REMARKS:

FY98 UNIT COST IS BASED ON CONTRACTORS 1997 CATALOGUE PRICE MULTIPLIED BY FY98 INDICIES

FY99 UNIT COST IS BASED ON CONTRACTORS 1997 CATALOGUE PRICE MULTIPLIED BY FY99 INDICIES

	P-I ITEM NO:		PAGE NO:	

PRESIDENT'S BUDGET PRODUCTION SCHEDULE (EXHIBIT P-21)

DATE: FEBRUARY 1998

APPROP CODE/BA:
APAF/COMMON SUPPORT EQUIPMENT

P-1 NOMENCLATURE:
C-5 AUTOMATIC TESTER 4920NCD016733DQ

ITEM/MANUFACTURER/ PROCUREMENTYEAR	SERV.	PROC. QTY.	ACCEP. PRIOR TO 1 OCT.	BAL DUE AS OF 1 OCT.	1997	CALENDAR 1998												CALENDAR 1999									
						FY98												FY99									
					OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEI
FY98 TESTER	AF	10	0	10						C									10									
FY99 TESTER	AF	1	0	1													C									1		
TOTALS		11	0	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	lo	0	0	0	0	0	0	1	0	0

ITEM/MANUFACTURER/ PROCUREMENTYEAR (repeat of items above)	SERV.	PROC. QTY.	ACCEP. PRIOR TO 1 OCT.	BAL DUE AS OF 1 OCT.	1999	CALENDAR 2000												CALENDAR 2001									
						FY00												FY01									
					OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEI
FY98 TESTER	AF	10	10		o															I		III						
FY99 TESTER	AF	1	1	0																								
TOTALS		11	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

MANUFACTURER'S NAME AND LOCATION	PRODUCTION RATES MIN. SUST.	I-8-5	MAX.			PROCUREMENT LEAD TIME ADMIN LEAD TIME PRIOR TO 1 OCT	AFTER 1 OCT	MANFACTURING	TOTAL AFTER 1 OCT.
ADVANCE TESTING TECHNOLOGIES	1		12						
110 RICEFIELD LANE					INITIAL	0	5	PLT 9	14
HAUPPAGUE, NY					REORDER	0		9	9

REMARKS: UNIT OF MEASURE IS EACH.

	P-I ITEM NO:		PAGE NO:	

REQUIREMENTS STUDY (EXHIBIT P-20)				DATE: FEBRUARY 1998
APPROP CODE/BA: APAF/COMMON SUPPORT EQUIPMENT		P-I NOMENCLATURE: C-5 AUTOMATIC TESTER 4920NCD016733DQ		
ASSET DYNAMICS (BY FDP):	**FY 1997**	**FY 1998**	**FY 1999**	
BEGINNING ASSET POSITION (As of 31 Mar 97)		0	10	
DELIVERIES FROM ALL PRIOR YEAR FUNDING				
QUANTITIES PROCURED WITH FY97 FUNDING				
QUANTITIES PROCURED WITH FY98 FUNDING		10		
QUANTITIES PROCURED WITH FY99 FUNDING			1	
0				
TEST/TRAINING USAGE				
DISPOSALS				
0				
END OF YEAR ASSET POSITION	0	10	11	
INVENTORY OBJECTIVE:		**VEH ELIGIBLE:**		
PEACETIME PIPELINE/STOCK LEVEL		BY1 REPLACE		
PEACETIME STATIC LEVEL		BY2 REPLACE		
WRM		VEH AUGMENT		
OTHER	11			
TOTAL INVENTORY OBJECTIVE	11			
REMARKS:				

	P-I ITEM NO:		PAGE NO:	

BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)	DATE: FEBRUARY 1998
APPROP CODEIBA: APAF/COMMON SUPPORT EQUIPMENT	P-I NOMENCLATURE: MAINTENANCE PLATFORM, HIGH REACH 1730-01-249-0097

		FY 1997	FYI998	FYI999	FY2000	FY 2001	FY2002	FY2003
QUANTITY		0	7	16	0	0	0	0
COST (in thousands)		$ 0	$4,003	$10,544	$ 0	$ 0	$ 0	$ 0

DESCRIPTION:

A. DESCRIPTION/FUNCTION: The Maintenance Platform, High Reach is a complete self-contained, hydraulically operated unit mounted on a truck type carrier. The aerial lift consists of main components such as a turret, inner and outer columns, inner and outer boom and platform. The inner and outer boom and platform are assembled to form an integrated mechanical structure, providing for vertical and horizontal movement. The boom assembly can be extended to a maximum height of 125 ft and has a maximum horizontal reach of 60 ft when the boom is extended to 72ft. Capacity of the platform is 1,500 Ibs. Item is used to work on, remove, and install stabilizer on the C-17 and C-5 aircraft. This item is also used for deicing large aircraft.

B: PURPOSE OF PROCUREMENT: Procure increased shortages and replacements.

C. APPLICATION: C-17 and C-5 aircraft

D. REQUIREMENTS: FY99: 6 shortages
10 each replacements

E. IMPACT: The nonavailability of High Reach Maintenance Platforms will severely impact mission readiness for the C-5 aircraft. The lack of this item will suspend maintenance and prevent inspection procedures for each aircraft, most importantly the tail section.' The only work around identified is the borrowing of another high reach platform from another base; thereby increasing down-time of the aircraft.

F. TYPE ITEM: A

	P-I ITEM NO:		PAGE NO:	

BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P-5A)

DATE: FEBRUARY 1998

APPROP CODE/BA: APAF/COMMON SUPPORT EQUIPMENT

P-I NOMENCLATURE: MAINTENANCE PLATFORM, HIGH REACH 1730-01-249-0097

ITEM/FISCAL YEAR	QTY.	UNIT COST	LOCATION OF PCO	CONTRACT METHOD & TYE	CONTRACTOR AND LOCATION	AWARD DATE	DATE OF FIRST DELIVERY	SPECS AVAIL NOW	DATE REVISIONS AVAIL
FY96	17	570	DLA/DSCC-PSMA AFMCISA-ALC	C/OPT/MIPR	CALAVAR SANTA FE SPRINGS, CA	MAY 96	SEP 96		
FY98	7	572	DLA/DSCC-PSMA AFMCISA-ALC	MIPR/OPT	CALAVAR	DEC 97	DEC 98		
FY99	16	659	DLA/DSCC-PSMA AFMCISA-ALC	MIPR/OPT	CALAVAR	OCT 98	OCT 99	Y	

REMARKS:

	P-I ITEM NO:		PAGE NO:	

PRESIDENT'S BUDGET PRODUCTION SCHEDULE (EXHIBIT P-21)

DATE: FEBRUARY 1998

APPROP CODE/BA: APAF/COMMON SUPPORT EQUIPMENT

P-I NOMENCLATURE: MAINTENANCE PLATFORM, HIGH REACH 1730-01-249-0097

ITEM/MANUFACTURER/ PROCUREMENTYEAR	SERV.	PROC. QTY.	ACCEP. PRIOR TO 1 OCT.	BAL DUE AS OF 1 OCT.	1997	CALENDAR 1998											CALENDAR 1999										
						FY98											FY99										
					OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
MAINT PLATFORM, HIGH REACH																											
FY99	AF	16	0	16			C										C		2	2	2	1					
TOTALS		23	0	23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2	1	0	0	0	0	0	0

ITEM/MANUFACTURER/ PROCUREMENTYEAR (repeat of items above)	SERV.	PROC. QTY.	ACCEP. PRIOR TO 1 OCT.	BAL DUE AS OF 1 OCT.	1999	CALENDAR 2000												CALENDAR 2001										
						FY00												FY01										
					OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
MAINT PLATFORM, HIGH REACH																												
FY98	AF	7	7	0																								
FY99	AF	16	0	16	2	2	2	2	2	2	2	2																
TOTALS		23	7	16	2	2	2	2	2	2	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

MANUFACTURER'S NAME AND LOCATION	R PRODUCTION MIN. SUST.	I-8-5	T MAX.	E	S	PROCUREMENT LEAD TIME ADMIN LEAD TIME PRIOR TO 1 OCT	AFTER 1 OCT	MANFACTURING PLT	TOTAL AFTER 1 OCT.
CALAVAR	1		2						
SANTA FE SPRINGS CA					INITIAL		2	12	14
					REORDER	2	0	12	12

REMARKS:

	P-I ITEM NO:		PAGE NO:	

REQUIREMENTS STUDY (EXHIBIT P-20)				DATE: FEBRUARY 1998
APPROP CODE/BA: APAF/COMMON SUPPORT EQUIPMENT		**P-I NOMENCLATURE:** MAINTENANCE PLATFORM, HIGH REACH 1730-01-249-0097		
ASSET DYNAMICS (BY FDP):	**FY 1997**	**FY 1998**	**FY 1999**	
BEGINNING ASSET POSITION (As of 31 Mar 97)	45	45	52	
DELIVERIES FROM ALL PRIOR YEAR FUNDING				
QUANTITIES PROCURED WITH FY97 FUNDING				
QUANTITIES PROCURED WITH FY98 FUNDING		7		
QUANTITIES PROCURED WITH FY99 FUNDING			16	
TEST/TRAINING USAGE				
DISPOSALS			(- 10)	
END OF YEAR ASSET POSITION	45	52	58	
INVENTORY OBJECTIVE:		**VEH ELIGIBLE:**		
PEACETIME PIPELINE/STOCK LEVEL		BY 1 REPLACE		
PEACETIME STATIC LEVEL		BY2 REPLACE		
WRM	0	VEH AUGMENT		
OTHER	58			
TOTAL INVENTORY OBJECTIVE	**58**			

REMARKS:

	P-I ITEM NO:		PAGE NO:	

BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)							DATE: FEBRUARY 1998	
APPROP CODE/BA: APAF/COMMON SUPPORT EQUIPMENT				P-1 NOMENCLATURE: PNEUMATIC LIFTING BAG, 15 TON 5120-01-284-261 1YZ				
		FY 1997	FY1998	FY1999	FY2000	FY 2001	FY2002	FY2003
QUANTITY		16	1	78				
COST (in thousands)		$ 439	$ 80	$2,234	$ 0	$ 0	$ 0	$ 0

DESCRIPTION:

A. DECRIPTION/FUNCTION: The main function of the pneumatic lifting bag is to lift and stabilize crash damaged or disabled aircraft of all sizes so that ground mobility may be restored to the aircraft during the recovery effort. The pneumatic lifting bag consists of the following components: elements, modules, hoses, couplings, manifolds, controls, protective pads, & neoprene coated fabric. The bags are held together with drop threads which become tense as the element is inflated, providing a stable flat slab shape. Each element is inflated and monitored independently by a series of hoses, control valves, and pressure gauges. Elements are permanently bonded together to form modules. The pneumatic lifting bags are packaged and stored in containers which are air transportable and weather resistant for exterior storage. The dimensions for this lifting bag are: 70” length, 60” width, 8” height, 350 Ibs. in weight.

B. PURPOSE OF PROCUREMENT: The F-2 bag now in use becomes spherical and tends to roll out from under aircraft when inflated. This situation is compounded when bags are stacked on top of each other for heights greater than six feet, which is required for high wing aircraft. This makes the bags dangerously unstable. The new multi-element pneumatic lifting bags are inflated sequentially to obtain maximum stability up to a height of 10 feet.

C. APPLICATION: C-17, C-135, C-130, C-141, F-l 5, F-16, & T-39

D. REQUIREMENTS: FY99: 78 shortages

E. IMPACT: Procurement of the pneumatic lifting bag is mission essential and critical for the safety of both personnel and aircraft during recovery efforts. The newly designed pneumatic lifting bag will eliminate the rolling effect which is a current problem associated with the F-2 bag when two or more bags are stacked. Since stacking of bags is required in order to obtain the height needed for larger aircraft, a potentially hazardous situation to both personnel and aircraft is created. The new bags offer maximum stability through the use of multiple elements.

F. TYPE ITEM: A

	P-1 ITEM NO:		PAGE NO:	

WEAPON SYSTEM COST ANALYSIS (EXHIBIT P-5)

DATE: FEBRUARY 1998

APPROP CODE/BA: APAF/COMMON SUPPORT EQUIPMENT

P-1 NOMENCLATURE: PNEUMATIC LIFTING BAG, 15 TON 5120-01-284-2611YZ

WEAPON SYSTEM COST ELEMENTS	IDENT CODE				FY 1997 QTY	FY 1997 UNIT COST	FY 1997 TOTAL COST	FY 1998 QTY	FY 1998 UNIT COST	FY 1998 TOTAL COST	FY 1999 QTY	FY 1999 UNIT COST	FY 1999 TOTAL COST
PNEUMATIC LIFTING BAG	A							1	60	60	78	28.6	2,234
DATA										20			
TOTAL										80			2,234

REMARKS:
FY98 UNIT COST BASED ON AN ENGINEERING ESTIMATE FOR FIRST ARTICLE TEST UNIT AND RELATED DATA.

	P-1 ITEM NO:		PAGE NO:	

BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P-5A)

DATE: FEBRUARY 1998

APPROP CODE/BA: APAF/COMMON SUPPORT EQUIPMENT

P-1 NOMENCLATURE: PNEUMATIC LIFTING BAG, 15 TON
5120-01-284-2611YZ

ITEM/FISCAL YEAR	QTY.	UNIT COST	LOCATION OF PCO	CONTRACT METHOD & TYE	CONTRACTOR AND LOCATION	AWARD DATE	DATE OF FIRST DELIVERY	SPECS AVAIL NOW	DATE REVISIONS AVAIL
FY97	16	27	AFMCISA-ALC	OPTION	REGENT, DOWNEY CA	FEB 97	JUL 97		
FY98 FIRST ARTICLE	1	60	AFMCISA-ALC	C/FFP	UNKNOWN	APR 98	AUG 98	Y	
FY99 PNEUMATIC BAG	78	28.6	AFMCISA-ALC	OPTION	UNKNOWN	OCT98	MAR99	Y	

REMARKS:
FY97 OPTION ON A FY93 C/FFP CONTRACT
FY98 UNIT COST BASED ON ENGINEERING ESTIMATE FOR FIRST ARTICLE TEST UNIT
FY99 UNIT COST BASED ON FY97 UNIT COST PLUS INFLATION INDICES

	P-1 ITEM NO:		PAGE NO:	190

PRESIDENT'S BUDGET PRODUCTION SCHEDULE (EXHIBIT P-21)

DATE: FEBRUARY 1998

APPROP CODE/BA: APAF/COMMON SUPPORT EQUIPMENT

P-1 NOMENCLATURE: PNEUMATIC LIFTING BAG, 15 TON
5120-01-284-2611YZ

ITEM/MANUFACTURER/ PROCUREMENT YEAR	SERV.	PROC. QTY.	ACCEP. PRIOR TO 1 OCT.	BAL DUE AS OF 1 OCT.	1997			CALENDAR 1998									CALENDAR 1999									
								FY98									FY99									
					OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
PNEUMATIC LIFTING BAG, 15 TO																											
FY97 (BP 10 INITIAL REQTS)	C-17	6	6	0																							
FY97	AF	16	16	0																							
FY98	AF	1	0	1				C						1													
FY99	AF	78	0	78													C					10	10	10	10	10	10	10
TOTALS		101	22	79	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	10	10	10	10	10	10	10

ITEM/MANUFACTURER/ PROCUREMENT YEAR (repeat of items above)	SERV.	PROC. QTY.	ACCEP. PRIOR TO 1 OCT.	BAL DUE AS OF 1 OCT.	1999			CALENDAR 2000									CALENDAR 2001									
								FY00									FY01									
					OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
PNEUMATIC LIFTING BAG, 15 TO																											
FY97 (BP 10 INITIAL REQTS)	C-17	6	6	0																							
FY97	AF	16	16	0																							
FY98	AF	1	1	0																							
FY99	AF	78	70	8	8																						
TOTALS		101	93	8	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

MANUFACTURER'S NAME AND LOCATION	PRODUCTION RATES				PROCUREMENT LEAD TIME			
	MIN. SUST.	1-8-5	MAX.		ADMIN LEAD TIME		MANFACTURING	TOTAL AFTER
UNKNOWN	1		10		PRIOR TO 1 OCT	AFTER 1 OCT	PLT	1 OCT.
				INITIAL		3	6	9
				REORDER		1	5	6

REMARKS: U/M: EACH

	P-1 ITEM NO:		PAGE NO:	

REQUIREMENTS STUDY (EXHIBIT P-20)	DATE: FEBRUARY 1998
APPROP CODE/BA: APAF/COMMON SUPPORT EQUIPMENT	**P-I NOMENCLATURE:** PNEUMATIC LIFTING BAG, 15 TON 5120-01-284-261 1YZ

ASSET DYNAMICS (BY FDP):	FY 1997	FY 1998	FY 1999
BEGINNING ASSET POSITION (As of 31 Mar 97)	296	318	319
DELIVERIES FROM ALL PRIOR YEAR FUNDING			
QUANTITIES PROCURED WITH FY97 FUNDING	2	2	
QUANTITIES PROCURED WITH FY98 FUNDING		1	
QUANTITIES PROCURED WITH FY99 FUNDING			78
TEST/TRAINING USAGE			
DISPOSALS			
END OF YEAR ASSET POSITION	318	319	397

INVENTORY OBJECTIVE:		VEH ELIGIBLE:
PEACETIME PIPELINE/STOCK LEVEL	397	BY1 REPLACE
PEACETIME STATIC LEVEL		BY2 REPLACE
WRM		VEH AUGMENT
OTHER		
TOTAL INVENTORY OBJECTIVE	397	

REMARKS:

	P-I ITEM NO:		PAGE NO:	

BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)							DATE: FEBRUARY 1998	
APPROP CODE/BA: APAF/COMMON SUPPORT EQUIPMENT				P-I NOMENCLATURE: ELECTRONIC SYSTEM TEST STATION 4920-01-355-4478DQ				
		FY 1997	FYI998	FYI999	FYZOOO	FY 2001	FY2002	FY2003
QUANTITY								
COST (in thousands)		$23,211	$1,725	$19,900	$10,500	$ 0	$ 0	$ 0

DESCRIPTION:

A. DESCRIPTION / FUNCTION: The Electronic System Test Station (ESTS) is a mobile test station comprised of electronic components such as: a computer controlled memory unit, a signal generator converter, converter interface, air supply fan, printer, pneumatic generator and controller assembly, television monitor, rate turn table, cables, air and nitrogen cylinders. This tester will perform parametric testing for troubleshooting and repair of F-15 Line Replaceable Units (LRU). It will also provide ambient air cooling to the unit under test and will examine and provide discrete evaluation of the overall performance of the system and subsystem for antenna, fire control, flight control and telemetering systems. Test Programs Sets (TPS) consist of software, interface test adapters, documentation and cables required as an interface between the tester and the aircraft LRU's. The ESTS is a stand alone system requiring one pallet to deploy in lieu of 22 pallets requred by the current Avionics Intermediate Shop (AIS). The tester will have increased reliability and maintainability and will reduce test times.

B. PURPOSE OF PROCUREMENT: The existing F-15 Avionics Intermediate Shop (AIS) developed in the early 1970's contains many electronic components which are no longer available. Procurement of the ESTS will eliminate a major cause of downtime thereby increasing aircraft readiness.

C. APPLICATION: F/TF-15 A/B/C/D/E aircraft

D. REQUIREMENTS: FY99: Test Program Sets

E. IMPACT: The cost of maintaining the aging AIS test stations is approximately $26 million annually. The most critical aspect of attempting to maintain the AIS is the impact to the maintainability of the aircraft. The F-15 would be unable to sustain sortie operations due to the backlog of aircraft system malfunctions requiring testing and repair. The older test stations are unable to accommodate existing workloads and are subject to malfunctioning which in turn decrease LRU throughput. Also, ACC's requirement for a truly mobile tester cannot be met by modifying the AIS which is now technologically outdated. This Electronic System Test Station will significantly increase LRU supportability.

F. TYPE ITEM: A

	P-I ITEM NO:		PAGE NO:	

WEAPON SYSTEM COST ANALYSIS (EXHIBIT P-5)

DATE: FEBRUARY 1998

APPROP CODE/BA: APAF/COMMON SUPPORT EQUIPMENT

P-I NOMENCLATURE: ELECTRONIC SYSTEM TEST STATION 4920-01-355-4478 DQ

WEAPON SYSTEM COST ELEMENTS	IDENT CODE	FY 1996 QTY	FY 1996 UNIT COST	FY 1996 TOTAL COST	FY 1997 QTY	FY 1997 UNIT COST	FY 1997 TOTAL COST	FY 1998 QTY	FY 1998 UNIT COST	FY 1998 TOTAL COST	FY 1999 QTY	FY 1999 UNIT COST	FY 1999 TOTAL COST
ELECTRONIC SYSTEM TEST STATION	A												
TECHNICAL DATA							543						1,100
TPS PROD BLOCK III F&P	A						3,200						
FY97 ECONOMIC PRICE ADJ							65						
CONTR. TRAN. SUP. CLIA							75						
GFE REPAIR							4,004						4,100
INTERIM CONTRACTOR SUPPORT							466			1,725			10,300
SERD													800
TPS (2-LEVEL)	A										24	125	3,000
TPS 6 ECP													600
TPS PRODUCTION BLOCK II	A				37	402	14,858						
TOTAL							23,211			1,725			19,900

P-I ITEM NO: | **PAGE NO:**

BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P-5A)	DATE: FEBRUARY 1998
APPROP CODE/BA: APAF/COMMON SUPPORT EQUIPMENT	P-I NOMENCLATURE: ELECTRONIC SYSTEM TEST STATION 4920-01-355-4478DQ

ITEM/FISCAL YEAR	QTY.	UNIT COST	LOCATION OF PCO	CONTRACT METHOD & TYE	CONTRACTOR AND LOCATION	AWARD DATE	DATE OF FIRST DELIVERY	SPECS AVAIL NOW	DATE REVISIONS AVAIL
FY97	37	402	ASC/AMKAB WRIGHT PATTERSON AFB	OPT*	GRUMMAN CORPORATION BETHPAGE NY	FEB 97	MAY 98	Y	
FY98			ASC/ AMKAB WRIGHT PATTERSON	OPT	GRUMMAN CORPORATION BETHPAGE NY	OCT 98	OCT 98	Y	
FY99	24	125	ASC / AMKAB WRIGHT PATTERSON	OPT	GRUMMAN CORPORATION BETHPAGE NY	JAN 99	FEB 99	Y	

REMARKS:

• OPTION TO A FY93 SS/FP CONTRACT, EXPIRATION DATE IS CURRENTLY UNDER NEGOTIATION FOR EXTENSION UNTIL FYOO.

UNIT COSTS ARE BASED ON NEGOTIATED CONTRACT VALUES AND INCLUDE WARRANTY, MAINTENANCE SUPPORT PROGRAM, PRODUCT PERFORMANCE AGREEMENT AND CONTINGENT LIABILITIES.

	P-I ITEM NO:		PAGE NO:	

PRESIDENT'S BUDGET PRODUCTION SCHEDULE (EXHIBIT P-21)

DATE: FEBRUARY 1998

APPROP CODE/BA: APAF/COMMON SUPPORT EQUIPMENT

P-I NOMENCLATURE: ELECTRONIC SYSTEM TEST STATION 4920-01-355-4478DQ

ITEM/MANUFACTURER/ PROCUREMENTYEAR	SERV.	PROC. QTY.	ACCEP. PRIOR TO 1 OCT.	BAL DUE AS OF 1 OCT.	1997			CALENDAR 1998												CALENDAR 1999									
										FY98													FY99							
					OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
FY95 ESTS	AF	35	31	4	4																							
FY96 ESTS	AF	11	0	11	1	5	5																					
FY97 TPS	AF	37	0	37								4	4	4	4	4	4	4	4	4	1							
FY99 TPS	AF	24																		c	3	4	4	4	4	4	1	
TOTALS		107	31	52	5	5	5	0	0	0	0	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	1	0

ITEM/MANUFACTURER/ PROCUREMENTYEAR (repeat of items above)	SERV.	PROC. QTY.	ACCEP. PRIOR TO 1 OCT.	BAL DUE AS OF 1 OCT.	1999			CALENDAR 2000												CALENDAR 2001									
										FY00													FY01							
					OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
FY95 ESTS	AF	35	31	4																								
FY96 ESTS	AF	11	0	11																								
FY97 TPS	AF	37	0	37																								
FY99 TPS	AF	24																										
TOTALS		107	31	52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

MANUFACTURER'S NAME AND LOCATION	PRODUCTION RATES MIN. SUST.	I-8-5	MAX.			PROCUREMENT LEAD TIME ADMIN LEAD TIME PRIOR TO 1 OCT	ADMIN LEAD TIME AFTER 1 OCT	MANFACTURING PLT	TOTAL AFTER 1 OCT.
GRUMMAN AEROSPACE	1		5						
CORPORATION					INITIAL				0
BETHPAGE, NY					REORDER		3	1	1

REMARKS:

	P-I ITEM NO:		PAGE NO:	

REQUIREMENTS STUDY (EXHIBIT P-20)				DATE: FEBRUARY 1998
APPROP CODE/BA: APAF/COMMON SUPPORT EQUIPMENT		**P-I NOMENCLATURE:** ELECTRONIC SYSTEM TEST STATION 4920-01-355-4478DQ		
ASSET DYNAMICS (BY FDP):	**FY 1997**	**FY 1998**	**FY 1999**	
BEGINNING ASSET POSITION (As of 31 Mar 97)	12	58	58	
DELIVERIES FROM ALL PRIOR YEAR FUNDING	46			
DELIVERIES FROM FY97 FUNDING				
DELIVERIES FROM FY98 FUNDING				
DELIVERIES FROM FY99 FUNDING				
TEST/TRAINING USAGE				
DISPOSALS				
END OF YEAR ASSET POSITION	**58**	**58**	**58**	
INVENTORY OBJECTIVE:		**VEH ELIGIBLE:**		
PEACETIME PIPELINE/STOCK LEVEL		BY 1 REPLACE		
PEACETIME STATIC LEVEL		BY2 REPLACE		
WRM		VEH AUGMENT		
OTHER	58			
TOTAL INVENTORY OBJECTIVE	**58**			

REMARKS:

	P-I ITEM NO:		PAGE NO:	

BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)						DATE: FEBRUARY 1998	
APPROP CODE/BA: APAF/COMMON SUPPORT EQUIPMENT				P-I NOMENCLATURE: NOISE SUPPRESSOR SYSTEM, AIRCRAFT NSN 4920-01-I 27-4640			
		FY 1997	FYI998	FYI999	FY2000	FY 2001	FY2002	FY2003
QUANTITY				1				
COST (in thousands)		$ 0	$ 0	$2,097	$ 0	$ 0	$ 0	$ 0

DESCRIPTION:

A. DESCRIPTION/FUNCTION: The hush house is a demountable enclosure which consists of an acoustically lined structural steel framework, engine thrust fixtures, air inlet splitter baffles, exhaust silencer, fire suppression system, and control room. It is 194 ft long, 114 ft wide, and 24 ft high. The hush house is used to perform test/trim operations on turbo-jet engines, either on the aircraft or on a test stand, while limiting sound beyond the enclosure to acceptable levels.

B. PURPOSE OF PROCUREMENT: Initial requirement

C. APPLICATION: A-I 0, F-I 5, F-16 at Spangdahlem AB, Germany

D. REQUIREMENTS: FY99 - 1 shortage (composite wing)

E. IMPACT: The hush house evolved from the increased emphasis on environmental control and a finding by the Surgeon General that over 2,000 Air Force personnel were retraining each year due to hearing loss associated with being around jet engine noise. Without adequate noise sound suppression, engine operation would be restricted to only certain hours of operation (usually daylight), jeopardizing aircraft readiness; base personnel would be exposed to severe noise with possible hearing damage or loss; and community relations would often be strained due to unsuppressed jet engine operation.

Specifically for this requirement, the hush house is the key facility for controlling jet engine noise levels within the German community. Spangdahlem's infrastructure and maintenance requirements are still growing to support a large composite wing comprised of A-I O/F-I 5/F-16 aircraft. Currently, Spangdahlem can only test and maintain an average of 45 engines per month; their mission dictates a requirement to test/maintain 55 engines per month. Additionally, priority aircraft often utilize the hush house for lengthy tests and repairs, thereby delaying uninstalled engine testing. This scenario results in an average of 10 uninstalled engine test delays per month. Another limiting factor lies in the use of the open air engine test cell. Operations are often severely hampered by local quiet hours and inclement weather conditions common to Germany from Nov through Mar, sometimes necessitating sending TF34 engines to Shaw AFB for testing. Also, as the F110 engine fleet continues through the maturing process, hush house availability will become even more critical. The propulsion shop will be forced to produce a rotatable pool of spare engines to meet local mission requirements while simultaneously supporting operations Northern Watch and Joint Guard. Finally, Spangdahlem provides forward jet engine intermediate maintenance and uninstalled engine testing for ACC/PACAF/ANG/AFR units deployed to Europe and Southwest Asia in support of numerous contingency and operational commitments.

F. TYPECODE: A

	P-I ITEM NO:		PAGE NO:	

WEAPON SYSTEM COST ANALYSIS (EXHIBIT P-5)

DATE: FEBRUARY 1998

APPROP CODEIBA: APAF/COMMON SUPPORT EQUIPMENT

P-I NOMENCLATURE: NOISE SUPPRESSOR SYSTEM, AIRCRAFT
NSN 4920-01-I 27-4640

WEAPON SYSTEM COST ELEMENTS	IDENT CODE				FY 1997			FY 1998			FY 1999		
					QTY	UNIT COST	TOTAL COST	QTY	UNIT COST	TOTAL COST	QTY	UNIT COST	TOTAL COST
1. NOISE SUPPRESSOR	A										1	1,610	1,610
A. ACCEPTANCE TEST												3	3
B. OTHER (1)												484	484
TOTAL											1		2,097

REMARKS:
*(1) INCLUDES USAFE TRANSPORTATION AND TRAVEL DIFFERENTIALS, FREQUENCY CONVERTER, AND NORTHERN TIER MAIN DOOR TRACK HEATER

	P-I ITEM NO:		PAGE NO:	

BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P-5A)

DATE: FEBRUARY 1998

APPROP CODE/BA: APAF/COMMON SUPPORT EQUIPMENT

P-I NOMENCLATURE: NOISE SUPPRESSOR SYSTEM, AIRCRAFT
NSN 4920-01-I 27-4640

ITEM/FISCAL YEAR	QTY.	UNIT COST	LOCATION OF PCO	CONTRACT 'METHOD & TYE	CONTRACTOR AND LOCATION	AWARD DATE	DATE OF FIRST DELIVERY	SPECS AVAIL NOW	DATE REVISIONS AVAIL
FY94 (1)	1	1,635	AFMCISA-ALC	C/FFP	IAC, MONCKS CORNER SC	JUN 94	JUL 95		
FY99	1	1,610	AFMCISA-ALC	OPT/FFP	IAC, MONCKS CORNER SC	NOV 98	NOV 99	YES	

REMARKS:
FY99 U/C PER FFP CONTRACTOR QUOTE FOR I-2 OPTION UNITS

	P-I ITEM NO:		PAGE NO:	

PRESIDENT'S BUDGET PRODUCTION SCHEDULE (EXHIBIT P-21) | **DATE:** FEBRUARY 1998

APPROP CODE/BA: APAF/COMMON SUPPORT EQUIPMENT

P-I NOMENCLATURE: NOISE SUPPRESSOR SYSTEM, AIRCRAFT
NSN 4920-01-127-4640

ITEM/MANUFACTURER/ PROCUREMENT YEAR	SERV.	PROC. QTY.	ACCEP. PRIOR TO 1 OCT.	BAL DUE AS OF 1 OCT.	1997			CALENDAR 1998									CALENDAR 1999									
								FY98									FY99									
					OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
FY94	F-16	1	1	0																							
FY99	AF	1	0	1														C									
TOTALS		2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

ITEM/MANUFACTURER/ PROCUREMENT YEAR (repeat of items above)	SERV.	PROC. QTY.	ACCEP. PRIOR TO 1 OCT.	BAL DUE AS OF 1 OCT.	1999			CALENDAR 2000									CALENDAR 2001									
								FY00									FY01									
					OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
FY94	F-16	1	1	0																							
FY99	AF	1	0	1		1																					
TOTALS		2	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

MANUFACTURER'S NAME AND LOCATION	PRODUCTION RATES MIN. SUST.	I-8-5	MAX.			PROCUREMENT LEAD TIME ADMIN LEAD TIME PRIOR TO 1 OCT	ADMIN LEAD TIME AFTER 1 OCT	MANFACTURING PLT	TOTAL AFTER 1 OCT.
IAC, MONCKS CORNER SC	1		1						
					INITIAL				0
					REORDER		1	12	13

REMARKS:

	P-I ITEM NO:		PAGE NO:	

REQUIREMENTS STUDY (EXHIBIT P-20)	DATE: FEBRUARY 1998
APPROP CODE/BA: APAF/COMMON SUPPORT EQUIPMENT	**P-I NOMENCLATURE:** NOISE SUPPRESSOR SYSTEM, AIRCRAFT NSN 4920-01-127-4640

ASSET DYNAMICS (BY FOP):	**FY 1997**	**FY 1998**	**FY 1999**
BEGINNING ASSET POSITION (As of 31 Mar 97)	93	94	94
DELIVERIES FROM ALL PRIOR YEAR FUNDING	1		
QUANTITIES PROCURED WITH FY97 FUNDING			
QUANTITIES PROCURED WITH FY98 FUNDING			
QUANTITIES PROCURED WITH FY99 FUNDING			1
TEST/TRAINING USAGE			
DISPOSALS			
END OF YEAR ASSET POSITION	94	94	95

INVENTORY OBJECTIVE:		**VEH ELIGIBLE:**
PEACETIME PIPELINE/STOCK LEVEL		BY1 REPLACE
PEACETIME STATIC LEVEL		BY2 REPLACE
WRM		VEH AUGMENT
OTHER	96	
TOTAL INVENTORY OBJECTIVE	96	

REMARKS:
DELIVERY FROM PRIOR YEAR BUDGETED WITH BP 10 FUNDS
FY99 SHORTAGE IS BP 10 REQUIREMENT

	P-I ITEM NO:		PAGE NO:	

BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)	DATE: FEBRUARY 1998
APPROP CODE/BA: APAF/COMMON SUPPORT EQUIPMENT	P-I NOMENCLATURE: LINKLESS AMMO LOADING SYSTEM (LALS), 1730 01 428 4275

		FY 1997	FYI998	FYI 999	FY2000	FY 2001	FY2002	FY2003
QUANTITY		2	35	1	70	0	0	0
COST (in thousands)		$2,135	$5,600	$170	$11,693	$ 0	$ 0	$ 0

DESCRIPTION:

A. DESCRIPTION/FUNCTION: The Linkless Ammunition Loading System (LALS) is a four-wheeled mechanical 20mm ammunition storage, transportation and loading system. It uses a hand crank or pneumatic drive tool to cycle ammunition through the system to load fighter aircraft. While performing this loading function, it simultaneously downloads cleared rounds or spent cases from the aircraft. The ammunition loader interfaces with M61A1 gun systems and is compatible with all M-series and PGU-series 20mm ammunition.

B: PURPOSE OF PROCUREMENT: To fill shortages in the field and replace assets which have exceeded their service life.

C: APPLICATION: F-14, F-l 5, F-16, F-l 8 and F-22

D: REQUIREMENTS: FY99: 1 First Article/Replacement

E: IMPACT: The LALS has a multiple aircraft application and its primary mission is air warfare support. Failure to procure the LALS may result in delays loading 20mm ammunition onto fighter aircraft resulting in extensive down time between sorties. Lack of this 20mm ammunition loading system could also result in serious degradation to the tactical mission during deployments in threat areas such as the Area of Responsibility (AOR).

F: TYPE ITEM: A

	P-I ITEM NO:		PAGE NO:	

BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P-5A)

DATE: FEBRUARY 1998

APPROP CODE/BA: APAF/COMMON SUPPORT EQUIPMENT

P-I NOMENCLATURE: LINKLESS AMMUNITION LOADING SYSTEM (LALS) 1730-01-428-4275

ITEM/FISCAL YEAR	QTY.	UNIT COST	LOCATION OF PCO	CONTRACT METHOD &TYPE	CONTRACTOR AND LOCATION	AWARD DATE	DATE OF FIRST DELIVERY	SPECS AVAIL NOW	DATE REVISIONS AVAIL
LALS FY97	2	1,067	AFMCISA-ALC NAVAL AIR WARFARE CENTER LAKEHURST, NJ (PCO)	MIPR/SS/FFP	WESTERN DESIGN IRVINE, CA	NOV 96	AUG 97		
LALS FY98	35	160	AFMCISA-ALC NAVAL AIR WARFARE CENTER	MIPR/ OPTION	WESTERN DESIGN	FEB 98	FEB 99	Y	
LALS FY99	1	170	AFMCISA-ALC NAVAL AIR WARFARE CENTER	C/FFP	UNKNOWN	OCT 98	JUN 00	Y	

REMARKS:
THE FY99 UNIT COST IS BASED ON THE FY98 COST PLUS INFLATION INDICES AND ENGINEER'S ESTIMATED FIRST ARTICLE TEST COSTS. FY99 PROCUREMENT WILL BE A JOINT NAVY AND AIR FORCE PROCUREMENT IN WHICH EACH SERVICE WILL PROCURE SEPARATE BUT SIMILAR EQUIPMENT WITH BOTH SERVICES REQUIRING A FIRST ARTICLE TEST.

	P-I ITEM NO:		PAGE NO:	

PRESIDENT'S BUDGET PRODUCTION SCHEDULE (EXHIBIT P-21) | **DATE:** FEBRUARY 1998

APPROP CODE/BA: APAF/COMMON SUPPORT EQUIPMENT

P-I NOMENCLATURE: LINKLESS AMMUNITION LOADING SYSTEM (LALS), 1730 01428 4275

ITEM/MANUFACTURER/ PROCUREMENTYEAR	SERV.	PROC. QTY.	ACCEP. PRIOR TO 1 OCT.	BAL DUE AS OF 1 OCT.	1997 OCT	NOV	DEC	CALENDAR 1998 JAN	FEB	FY98 MAR	APR	MAY	JUN	JUL	AUG	SEP	CALENDAR 1998 OCT	NOV	DEC	CALENDAR 1999 JAN	FEB	FY99 MAR	APR	MAY	JUN	JUL	AUG	St
LALS																												
WESTERN DESIGN																												
FY97	AF	2	2	0																								
LALS																												
WESTERN DESIGN																												
FY98	AF	35	0	35				MPR	C											5	5	5	5	5	5	5		
LALS																												
UNKNOWN																												
FY99	AF	1	0	1												MIPR	C											
TOTALS		30	2	36	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	5	5	5	5	5	5	5	0

ITEM/MANUFACTURER/ PROCUREMENT YEAR (repeat of items above)	SERV.	PROC. QTY.	ACCEP. PRIOR TO 1 OCT.	BAL DUE AS OF 1 OCT.	1999 OCT	NOV	DEC	CALENDAR 2000 JAN	FEB	FY00 MAR	APR	MAY	JUN	JUL	AUG	SEP	CALENDAR 2001 OCT	NOV	DEC	CALENDAR 2001 JAN	FEB	FY01 MAR	APR	MAY	JUN	JUL	AUG	SE
LALS																												
WESTERN DESIGN																												
FY97	AF	2	2	0																								
LALS																												
WESTERN DESIGN																												
FY98	AF	35	35	0																								
LALS																												
UNKNOWN																												
FY99	AF	1	0	1									1															
TOTALS		38	37	1	0	0	0	0	0	0	0	0		10	0	0	0	0	0	0	0	0	0	0	0	0	0	0

MANUFACTURER'S NAME AND LOCATION	PRODUCTION RATES MIN. SUST.	I-8-5	MAX.		PROCUREMENT LEAD TIME ADMIN LEAD TIME PRIOR TO 1 OCT	AFTER 1 OCT	MANFACTURING PLT	TOTAL AFTER 1 OCT.
UNKNOWN	1		5					
				INITIAL	1	1	12	13
				REORDER	1	0	20	20

REMARKS: Producibility & PLT Naval Air Warfare Center estimate.

	P-I ITEM NO:		PAGE NO:	

REQUIREMENTS STUDY (EXHIBIT P-20)	DATE: FEBRUARY 1998
APPROP CODE/BA: APAF/COMMON SUPPORT EQUIPMENT	**P-I NOMENCLATURE:** LINKLESS AMMUNITION LOADING SYSTEM (LALS), 1730 01 428 4275

ASSET DYNAMICS (BY FDP):	**FY 1997**	**FY 1998**	**FY 1999**
BEGINNING ASSET POSITION (As of 31 Mar 97)	641	643	675
DELIVERIES FROM ALL PRIOR YEAR FUNDING	2		
QUANTITIES PROCURED WITH FY97 FUNDING			
QUANTITIES PROCURED WITH FY98 FUNDING		35	
QUANTITIES PROCURED WITH FY99 FUNDING			1
TEST/TRAINING USAGE			
DISPOSALS			
		(3)	(16)
END OF YEAR ASSET POSITION	**643**	**675**	**660**

INVENTORY OBJECTIVE:		**VEH ELIGIBLE:**
PEACETIME PIPELINE/STOCK LEVEL		BY1 REPLACE
PEACETIME STATIC LEVEL		BY2 REPLACE
WRM		VEH AUGMENT
OTHER	660	
TOTAL INVENTORY OBJECTIVE	660	

REMARKS:

	P-I ITEM NO:		PAGE NO:	

BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)							DATE: FEBRUARY 1998	
APPROP CODE/BA: APAF/COMMON SUPPORT EQUIPMENT				P-I NOMENCLATURE: 305 RADAR TEST STATION NSN: 4920-NC-D01-6804DQ				
		FY 1997	FYI998	FYI999	FY2000	FY 2001	FY2002	FY2003
QUANTITY			4					
COST (in thousands)		$ 0	$11,152	$6,450	$ 0	$ 0	$ 0	$ 0

DESCRIPTION:

A. The 305 Radar Test Station is a flexible test system, based on an open architecture of commercial equipment in a modular design. The interface provides complex testing capabilities. Programming is done through a graphical "spreadsheet" environment, providing low learning curves and high throughput. The standard operating environment is Windows hosted on an Intel PC computer. The test equipment will consist of, but not be limited to controller, controller operational software, power source, radio frequency (RF), Analog/Digital and Test Program Sets (TPSs). This acquisition will provide a standard commerical test system for the E-3 aircraft and replace a minimum of 14 different existing testers, allowing interchangeability of tester hardware between shops reducing work stoppages and eliminating the proliferation of support equipment.

B. PURPOSE OF PROCUREMENT: To replace shortages generated by unsupportable and obsolete equipment.

C. APPLICATION: E-3B/C

D. REQUIREMENTS: FY99: Test Program Sets (TPSs)

E. IMPACT: Most of the currently fielded E-3 test equipment is original support equipment fielded with the first E-3s (1970 technologies) and is increasingly difficult to support and maintain. Due to its age and antiquated technologies, technicians in the field have experienced unacceptable down times and excessive test times. This tester is the latest state-of-the-art and will eliminate present unsupportable obsolete equipment currently used to test state-of-art systems. Test Program Sets (TPSs) which consist of software, interface test adapters (ITAs), cables and documentation are required as an interface between the tester and the aircraft LRUs. The 305 Radar Test Station will increase reliability and maintainability, reduce test time and upgrade the AWACS global mission capability.

F. TYPE ITEM: A

	P-I ITEM NO:		PAGE NO:	

WEAPON SYSTEM COST ANALYSIS (EXHIBIT P-5)

DATE: FEBRUARY 1998

APPROP CODE/BA: APAF/COMMON SUPPORT EQUIPMENT

P-I NOMENCLATURE: 305 RADAR TEST STATION NSN: 4920-NC-D01-6804DQ

WEAPON SYSTEM COST ELEMENTS	IDENT CODE				FY 1997			FY 1998			FY 1999		
					QTY	UNIT COST	TOTAL COST	QTY	UNIT COST	TOTAL COST	QTY	UNIT COST	TOTAL COST
RADAR TEST STATION	A							4	1,113	4,452			
DATA										1,000			700
TEST PROGRAM SET	A							20	250	5,000	20	250	5,000
INTERIM CONTRACT SUPPORT													250
SOFTWARE	A							5	40	200			
IV&V										500			500
TOTAL										11,152			6,450

REMARKS:

	P-I ITEM NO:		PAGE NO:	

BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P-5A)

DATE: FEBRUARY 1998

APPROP CODE/BA: APAF/COMMON SUPPORT EQUIPMENT

P-I NOMENCLATURE: 305 RADAR TEST STATION NSN: 4920-NC-D01-6804DQ

ITEM/FISCAL YEAR	QTY.	UNIT COST	LOCATION OF PCO	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWARD DATE	DATE OF FIRST DELIVERY	SPECS AVAIL NOW	DATE REVISIONS AVAIL
305 RADAR TEST STATION/FY98	4	1,113	AFMC/SA-ALC	SS/FFP	AI-I-I HAUPPAUGE, NY	JAN 98	JUN 98		
TPS/FY99	20	250	AFMC/SA-ALC	OPTION	ATTI	APR 99	OCT 99	YES	

REMARKS:

	P-I ITEM NO:		PAGE NO:	

PRESIDENT'S BUDGET PRODUCTION SCHEDULE (EXHIBIT P-21)

DATE: FEBRUARY 1998

APPROP CODE/BA: APAF/COMMON SUPPORT EQUIPMENT

P-I NOMENCLATURE: 305 RADAR TEST STATION NSN: 4920-NC-D01-6804DQ

ITEM/MANUFACTURER/ PROCUREMENTYEAR	SERV.	PROC. QTY.	ACCEP. PRIOR TO 1 OCT.	BAL DUE AS OF 1 OCT.	1997			CALENDAR 1998										CALENDAR 1999									
					FY98													FY99									
					OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEF
FY98 RADAR TEST STATION	AF	4	0	4				C					3	1														
FY99 TPS	AF	20	0	20																			C					
TOTALS		24	0	24	0	0	0	0	0	0	0	0	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0

ITEM/MANUFACTURER/ PROCUREMENTYEAR (repeat of items above)	SERV.	PROC. QTY.	ACCEP. PRIOR TO 1 OCT.	BAL DUE AS OF 1 OCT.	1999			CALENDAR 2000										CALENDAR 2001									
					FYOO													FY01									
					OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEF
FY98 RADAR TEST STATION	AF	4	4	0																							
FY99 TPS	AF	20	0	20	10	10																					
TOTALS		24	4	20	lo	lo	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

MANUFACTURER'S NAME AND LOCATION	PRODUCTION RATES MIN. SUST.	I-8-5	MAX.			PROCUREMENT LEAD TIME ADMIN LEAD TIME PRIOR TO 1 OCT	ADMIN LEAD TIME AFTER 1 OCT	MANFACTURING PLT	TOTAL AFTER 1 OCT.
ADV TESTING TECHNOLOGIES,	1		3						
INC. (ATTI) HAUPPAUGE, NY					INITIAL		3	5	8
					REORDER		6	6	12

REMARKS:

	P-I ITEM NO:		PAGE NO:	

REQUIREMENTS STUDY (EXHIBIT P-20)				DATE: FEBRUARY 1998
APPROP CODE/BA: APAF/COMMON SUPPORT EQUIPMENT		P-I NOMENCLATURE: 305 RADAR TEST STATION NSN: 4920-NC-D01-6804DQ		
ASSET DYNAMICS (BY FDP):	**FY 1997**	**FY 1998**	**FY 1999**	
BEGINNING ASSET POSITION (As of 31 Mar 97)		0	4	
DELIVERIES FROM ALL PRIOR YEAR FUNDING				
QUANTITIES PROCURED WITH FY97 FUNDING				
QUANTITIES PROCURED WITH FY98 FUNDING		4		
QUANTITIES PROCURED WITH FY99 FUNDING				
TEST/TRAINING USAGE				
DISPOSALS				
END OF YEAR ASSET POSITION	0	**4**	**4**	
INVENTORY OBJECTIVE:		**VEH ELIGIBLE:**		
PEACETIME PIPELINE/STOCK LEVEL		BY1 REPLACE		
PEACETIME STATIC LEVEL		BY2 REPLACE		
WRM		VEH AUGMENT		
OTHER	4			
TOTAL INVENTORY OBJECTIVE	**4**			

REMARKS:

	P-I ITEM NO:		PAGE NO:	

BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)	DATE: FEBRUARY 1998
APPROP CODE/BA: APAF/COMMON SUPPORT EQUIPMENT	P-I NOMENCLATURE: UNIVERSAL RAM, 1730 01 423 7229

		FY 1997	FYI998	FY1999	FY2000	FY 2001	FY2002	FY2003
QUANTITY		0	0	1	83	0	0	0
COST (in thousands)		$ 0	$ 0	$ 28	$2,212	$ 0	$ 0	$ 0

DESCRIPTION:

A. DESCRIPTION/FUNCTION: The Universal RAM is a hydraulically driven series of coaxial cylinders with a base plate which mounts on the head of the MJ-40 Lift Truck. Its primary purpose is to increase the lift height capability of the MJ-40 Lift Truck. When attached to the MJ-40 Lift Truck, the Universal RAM adds up to 69 inches of vertical lifting height capability for loading conventional and nuclear munitions stores onto the B-IB and B-2 aircraft. The Universal RAM **includes provisions for tapping the hydraulic system of the MJ-40 Lift Truck. The Universal RAM is composed primarily of steel and hydraulic hoses and the** dimensions are 15 inches X 15 inches X 62 inches.

B. PURPOSE OF PROCUREMENT: To fill shortages

C. APPLICATION: B-l B and B-2 bomber aircraft

D. REQUIREMENTS: FY99: 1 First Article

E. IMPACT: The Universal RAM supports the B-l B and B-2 bomber aircraft and its primary purpose is threefold, reduce turn around time, enhance the loading capability of conventional and nuclear weapons increasing the reliability and maintainability for the bomber forces and provide the capability to remove and install the Conventional Bomb Module at forward operating locations. Procurement of the Universal RAM will significantly increase the effectiveness of the strategic forces operations during deployments.

F. TYPE ITEM: A

	P-I ITEM NO:		PAGE NO:	

BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P-5A)	DATE: FEBRUARY 1998
APPROP CODEIBA: APAF/COMMON SUPPORT EQUIPMENT	**P-I NOMENCLATURE:** UNIVERSAL RAM, 1730 01 423 7229

ITEM/FISCAL YEAR	QTY.	UNIT COST	LOCATION OF PCO	CONTRACT METHOD & TYE	CONTRACTOR AND LOCATION	AWARD DATE	DATE OF FIRST DELIVERY	SPECS AVAIL NOW	DATE REVISIONS AVAIL
UNIVERSAL RAM									
FY99	1	$28	AFMC/SA-ALC	C/FFP	UNKNOWN	NOV 98	JUL 99	Y	

REMARKS:

FY99 unit cost based on Engineer's estimate.

	P-I ITEM NO:		PAGE NO:	

PRESIDENT'S BUDGET PRODUCTION SCHEDULE (EXHIBIT P-21) | **DATE:** FEBRUARY 1998

APPROP CODE/BA: APAF/COMMON SUPPORT EQUIPMENT

P-I NOMENCLATURE: UNIVERSAL RAM, 1730 01 423 7229

ITEM/MANUFACTURER/ PROCUREMENTYEAR	SERV.	PROC. QTY.	ACCEP. PRIOR TO 1 OCT.	BAL DUE AS OF 1 OCT.	1997	CALENDAR 1998 FY98												CALENDAR 1999 FY99								
						OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
UNIVERSAL RAM																												
FY99	AF	1	0	1														C								1		
TOTALS		1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0

ITEM/MANUFACTURER/ PROCUREMENTYEAR (repeat of items above)	SERV. CITY.	PROC. PRIOR TO 1 OCT.	ACCEP. DUE AS OF 1 OCT.	BAL	1999	CALENDAR 2000 FY00												CALENDAR 2001 FY01								
					OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
UNIVERSAL RAM																												
FY99	AF	1	1	0																								
TOTALS		1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

MANUFACTURER'S NAME AND LOCATION	PRODUCTION RATES MIN. SUST.	I-8-5	MAX.			PROCUREMENT LEAD TIME ADMIN LEAD TIME PRIOR TO 1 OCT	ADMIN LEAD TIME AFTER 1 OCT	MANFACTURING PLT	TOTAL AFTER 1 OCT.
UNKNOWN	1		16						
					INITIAL		1	8	9
					REORDER				0

REMARKS:

	P-I ITEM NO:		PAGE NO:	

REQUIREMENTS STUDY (EXHIBIT P-20)				DATE: FEBRUARY 1998
APPROP CODE/BA: APAF/COMMON SUPPORT EQUIPMENT		P-I NOMENCLATURE: UNIVERSAL RAM, 1730 01 423 7229		
ASSET DYNAMICS (BY FDP):	**FY 1997**	**FY 1998**	**FY 1999**	
BEGINNING ASSET POSITION (As of 31 Mar 97)	94	94	94	
DELIVERIES FROM ALL PRIOR YEAR FUNDING				
QUANTITIES PROCURED WITH FY97 FUNDING				
QUANTITIES PROCURED WITH FY98 FUNDING				
QUANTITIES PROCURED WITH FY99 FUNDING			1	
I-EST/TRAINING USAGE				
DISPOSALS				
END OF YEAR ASSET POSITION	94	94	95	
INVENTORY OBJECTIVE:		VEH ELIGIBLE:		
PEACETIME PIPELINE/STOCK LEVEL		BY 1 REPLACE		
PEACETIME STATIC LEVEL		BY2 REPLACE		
WRM		VEH AUGMENT		
OTHER	153			
TOTAL INVENTORY OBJECTIVE	153			

REMARKS:

	P-I ITEM NO:		PAGE NO:	

BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)							DATE: FEBRUARY 1998	
APPROP CODE/BA: APAF/COMMON SUPPORT EQUIPMENT				P-I NOMENCLATURE: ITEMS LESS THAN $2,000,000				
		FY 1997	FYI998	FYI999	FY2000	FY 2001	FY2002	FY2003
QUANTITY								
COST (in thousands)		$72,693	$29,749	$31,565	$39,500	$40,700	$41,900	$43,200

DESCRIPTION:

A. DESCRIPTION/FUNCTION: Items less than $2,000,000 procure replacement organizational and intermediate (common and peculiar) support equipment for out-of-production aircraft. These items, common (used on more than one weapon system) and peculiar (unique to one weapon system), are used in direct support of aircraft maintenance and servicing requirements. These replacement requirements ensure continuation of serviceable, supportable equipment over the life of a weapon system.

B. TYPE ITEM: A

C. A listing of items less than $2,000,000 follows.

	P-I ITEM NO:		PAGE NO:	

BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITEMS (EXHIBIT P-40A-IL)	DATE: FEBRUARY 1998
APPROP CODE/BA: APAF/COMMON SUPPORT EQUIPMENT	P-I NOMENCLATURE: ITEMS LESS THAN $2 MILLION

PROCUREMENT ITEMS	NSN	FYI998 QTY.	FYI998 COST	FYI999 QTY.	FYI999 COST
AIRCRAFT GROUND COVER	1730-01-151-1483EK	6	$636		
TEST SET ADAPTER	4920-01-256-2361 EK	1	$600		
TOOL KIT, SWAGING	5180-01-374-8266	40	$1,933	5	$249
ACCESSORY KIT, ELECTRICAL-ELECTRONIC EQUIP	6625-01-431-7920FJ	27	$696		
UNIVERSAL MAINT. STAND, DIESEL SPLIT DECK	1730-01-370-4268	28	$1,835		
PORTABLE BALANCING SYSTEM (KC-I 35)	6635-01-357-6674DQ	18	$737		
PORTABLE BALANCING SYSTEM (A-I 0)	6635-01-431-5283DQ	27	$1,290		
POWER SUPPLY	6130-01-241-3741			28	$420
FREQUENCY CONVERTER	6130-01-237-1621YV	65	$1,881	67	$1,981
BATTERY ANALYZER	6130-01-361-0642			111	$482
TEST STAND, ENGINE TURBO PROP	920-01-325-2244			3	$1,764
CONSOLIDATED AUTOMATIC TEST EQUIP	NSL			1	$1,250
REPLENISHER, 25MM	1730-01-363-3779	2	$613		
HYDRAULIC COMPONENT TEST STAND	4920-00-450-0553			2	$1,209
DATA TRANSCRIBER UNIT	4920-01-444-0972LN	1	$1,250		
TRAILER, GROUND HANDLING	1740-01-066-5068	1	$ 53	12	$655
HYDRAULIC TEST STAND. DIESEL (3SYST)	4920-01-380-7460	2	$783		
HYDRAULIC TEST STAND, DIESEL (2 SYST)	4920-NC-D01-5317	2	$786		
LAVATORY SERVICING TRUCK	1730-00-981-7605	19	$962		
HEATER, DUCT TYPE	4520-01-31 O-0690			19	$406
TUBE REPAIR KIT	5180-01-378-8873	17	$494		
TEST SET, SIGHT SYSTEM	4920-00-758-0078DQ			1	$514
TWO TON LIQUID OXYGEN PLANT	NSL			3	$1,749
ADVANCED DIAGNOSTICS SYSTEM	NSL	2	$750	4	$1,533
EDDY CURRENT FLAW DETECTOR	6635-00-463-I 574			58	$575
MOTOR GENERATOR	6125-01-229-5817	5	$320		
TEST SET STABILIZATOR	6625-01-266-I 636	11	$398	1	$ 37
ADAPTER KIT, ENGINE TEST CELL	4920-01-257-I 258	1	$800	2	$1,634
BONDTESTER. METAL FLAW DETECTOR	6635-01-161-4551	60	$1.071	44	**$786**
200 GALLON FUEL BOWSER	2330-01-301-0753YR	70	$492	50	$353
UNIVERSAL, BOOM NOZZLE	4920-01-I 83-3039	18	$493		
FIVE TON LOX PLANT	3655-00-078-9902	1	$1,316		

P-I ITEM NO:		PAGE NO:	

BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITEMS (EXHIBIT P-40A-IL)	DATE: FEBRUARY 1998
APPROP CODE/BA: APAF/COMMON SUPPORT EQUIPMENT	P-I NOMENCLATURE: ITEMS LESS THAN $2 MILLION

PROCUREMENT ITEMS	NSN	FY1998 QTY.	FY1998 COST	FY1999 QTY.	FY1999 COST
B-I ANG MISC SE ITEMS			$488		$1,462
TEST SET ELECTRIC	4920-01-424-6458DQ	41	$479		
BALANCING MACHINE	6635-01-323-9414			4	$388
F-16 AISF EQUIPMENT	NSL		$950		$1,500
400 GALLON FUEL BOWSER	2330-01-245-9458YR	46	$398	40	$346
HYDRAULIC TEST STAND - ELECTRIC (3 SYST)	4920-01-380-4744	2	$678		
HYDRAULIC TEST STAND - ELECTRIC (2 SYST)	4920-NC-D01-5318	2	$678		
POWER SUPPLY TEST SET	4920-01-381-6808	28	$489		
600 GALLON FUEL BOWSER	2330-01-300-4482Y R	40	$416	30	$424
RADAR ABSORBING MATERIAL POINT INSPECT TOOL	NSL	1	$500		
TEST SET, SUBASSEMBLY	4920-01-414-8931 DQ	60	$466		
TANK AND PUMP UNIT	4930-00-620-2406	44	$480	40	$439
AMMUNITION TRAILER	1730-01-064-8482			2	$440
MAINTENANCE PLATFORM	1730-00-294-8883			87	$341
A-I 0 AISF EQUIPMENT			$1,300		$1,950
ICS			$650		$250
ITEMS LESS THAN $300			$1,588		$8,428
TOTALS:			$29.749		$31,565

	P-I ITEM NO:		PAGE NO:	

EXHIBIT P-40

BUDGET ITEM JUSTIFICATION SHEET	Date: Feb 98
APPROPRIATION/BUDGET ACTIVITY AIRCRAFT **PROCUREMENT/BA07,** POST PRODUCTION SUPPORT	P-1 ITEM NOMENCLATURE A-10

	Prior	FY 1996	FY 1997	FY 1998	FY1999	FY 2000	FY 2001	FY 2002	FY 2003	Total
QUANTITY										
COST (IN millions)				2.7	11.4	8.7				22.8

MISSION AND DESCRIPTION:

This activity funds required Unit Training Devices (UTDs) which will enable the Combat Air Forces to provide A-10 fighter pilots continuation training at squadron locations to ensure safety of flight and to maximize pilot proficiency and utilization of their A- 10 weapon system. The A-10 UTD Visual System consists of the latest technology, commercial off-the-shelf image generation system and display. This system will allow A- 10 pilots to train visual landing approaches, target acquisition, AGM-65 launch, night vision goggles (NVG) utilization, and threat avoidance.

FY99 PROGRAM JUSTIFICATION:

Funding supports the procurement of 6 UTD with Visual Systems packages.

AIRCRAFT COST ANALYSIS EXHIBIT P-5 (Dollars in Millions)	A. Appn/Budget Activity Title/No. Aircraft ProclBA07 Sot Equip & Fac	B. Popular Name A-10		C. Manufacturer Symvionics Pasadena. CA		D. Date Feb-98	
		FY97	QTY 0	IFY98	QTY 0	FY99	QTY (
		Unil Cost	Total Cost	Unit cost	Total Cost	Unit cost	Tota cos
AIRFRAME/CFE							
ENGINE/ACCESSORIES							
AVIONICS: CFE/GFE							
ARMAMENT							
OTHER GFE							
ECO							
NON-RECURRING COSTS							
OTHER COSTS							
PROGRAM MGT ADMIN REQMTS							
Subtotal FLYAWAY COSTS			0.0		**0.0**		0.0
AIRFRAME PGSE							
ENGINE PGSE							
AVIONICS PGSE							
PECULIAR TRAINING EQUIPMENT					2.7		11.4
PUBLICATIONS/TECH. DATA							
OTHER (ICS)							
OTHER (HAZMAT)							
OTHER (SUPPORT CONTRACTS)							
OTHER (PLANT SHUTDOWN)							
Subtotal SUPPORT COST			0.0		2.7		11.4
GROSS P-I COST			0.0		2.7		11.4
20 LESS: Prior Yr Adv. Proc			0.0		0.0		0.0
21 NET P-I COST			0.0		2.7		**11.4**

Date: Feb 98

SIMULATOR AND TRAINING DEVICE JUSTIFICATION ($ M)

APPROPRIATION/P-1 Line Item:	Weapon System:	Equipment Nomenclature:	PE
3010	A-IO	Unit Training Device (UTD)	27131F

Fin Plan	FY96	FY 97	FY 98	FY 99	FY 00	FY 01	FY 02	FY 03	Total
Quantity			1	6	5				12
Proc			2.7	11.4	8.7				22.8
RDT&E									
O&S									

TRAINING SYSTEM DESCRIPTION:

This activity funds required Unit Training Devices (UTDs) which will enable the Combat Air Forces to provide A-10 fighter pilots continuation training at squadron locations to ensure safety of flight and to maximize pilot proficiency and utilization of their A-IO weapon system. The A-10 UTD Visual System consists of the latest technology, commercial off-the-shelf image generation system and display. This system will allow A-10 pilots to train visual landing approaches, target acquisition, AGM-65 launch, night vision goggles (NVG) utilization, and threat avoidance.

FY99 PB BUDGET ITEM JUSTIFICATION SHEET	DATE: Feb-98
APPROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT/BA07, POST PRODUCTION SUPPORT	P-I ITEM NOMENCLATURE B-2

	FY96/PRIOR	FY97	FY98	FY99	FYOO	FY01	FY02	FY03	TC	TOTAL
QUANTITY		0	0	0	0	0	0	0	0	
COST (TY$M)				189.9	111.7	31.1	16.5	7.6		356.8

Mission and Description: The B-2 is an all-wing, two-crew aircraft with provisions for a third crew member and has twin weapons bays of over 20,000 pounds capacity each. It is powered by four F118-GE-100 turbofan engines. The low wing loading provides efficient cruise and good airfield performance. The B-2 bomber exploits breakthroughs in low observables technology (radar, infrared, visual, electromagnetic, and acoustic) to achieve vehicle signatures that will allow penetration of current and postulated enemy air defenses. The B-2 will have the capability to perform worldwide conventional and nuclear delivery missions consistent with Air Combat Command requirements. Survivability will be enhanced by reduction of observable signatures and complementary defense management system. The B-2 will also have a low altitude terrain following capability and a penetration speed commensurate with high probability of survival without unduly penalizing mission range. The management and acquisition strategy provides the user a capability for the lowest possible cost.

FYI 999 Program Justification: The FY 1999 program contains costs associated with technical orders, interim contractor support, software investment, aircrew training device, maintenance training device, peculiar support equipment, software support, program management administrative requirements, and non-recurring cost to preserve tooling, equipment, and data. The program transitions from aircraft procurement (BP10) to post production support (BP13) funds in FY99.

	P-I SHOPPING LIST ITEM NO.	PAGE NO.	Exhibit P-40 *Page 1 of 1*

WEAPC YSTEM COST ANALYSIS EXHIBIT (P-5) FY99 PB	A. Appropriation/Budget Activity Title/No. Aircraft Procurement Post Production Support BA07	B. Weapon . el/Series/ Popular Name B-2 Advanced Technology Bomber	C. Manufacturer Name Plant City/State location Northrop Grumman MASD Pico Rivera, CA	D. Date Feb-98

Weapon System Cost Elements	Ident. Code	FY96 Unit Cost	FY96 QTY 0 Tot. Cost	FY97 Unit Cost	FY97 Qty 0 Tot. Cost	FY98 Unit Cost	FY98 Qty 0 Tot. Cost	FY99 Unit Cost	FY99 Qty 0 Tot. Cost
Airframes/CFE	A							NA	3.3
A/V 1 UPGRADE								NA	0.0
MSIP									
ENGINE/ACCESSORIES	A							NA	0.0
(Eng Model) F118-GE-100									
AVIONICS									
A. CFE	A							NA	0.0
WEAPON DELIVERY SYSTEM	A							NA	0.0
OTHER GFE	A							NA	0.0
ECO (All Flyaway Components)								NA	3.0
NON-RECURRING COSTS									
(Tooling)								NA	0.0
(Other)								NA	15.9
Subtotal FLYAWAY COST								NA	22.2
AIRFRAME PGSE	A							NA	6.6
ENGINE PGSE	A							NA	0.0
PECULIAR TRAINING EQUIPMENT	A							NA	3.7
PUBLICATIONS/TECH. DATA	A							NA	5.9
ICS	A							NA	45.6
SNV INVESTMENT	A							NA	77.6
PROG. MGMT. ADM. RQMTS (PMAR)								NA	11.2
OTHER	A							NA	17.1
Subtotal SUPPORT COST								NA	167.7
GROSS P-I END COST								NA	189.9
LESS: PRIOR YR ADV. PROC									0.0
NET P-I FULL FUNDING COST (BP13)								**NA**	**189.9**
Plus Current Year ADV, PROC.									0.0
Other Non P-I Weapon System Costs									
Spares (Initial & MRSP)(BP16)	A							NA	55.5
Mods (BP1 1)	A							NA	15.7
Indust Base Preserv (BP 14BCAP)	A							NA	0.0
Facilities (BP14; PE 78011 F))	A							NA	0.0
TOTAL								**NA**	261 .1

The program transitions from aircraft procurement (BP10) to post production support (BP1 3) funds in FY99.	'-1 SHOPPING LIST TEM NO.	PAGE NO.	Exhibit P-5 Page 1 of 1

FY99 PB **Acquisition Logistics and Operations & Support Funding for Selected Weapon Systems**

Weapon System: B-2 | Date: Feb-98 | PE 11127F 64240F

	FY96/P	FY97	FY98	FY99	FYOO	FY01	FY02	FY03	TC	Total
A. General Program Data										
Procurement Qty										
Cum Oper Invent (w/ EMD Refurb)				17	21	21	21	21	0	21
No. of Operating Units										
OPTEMPO										
(Flying Hrs or Miles per month)				4410.0	5917.0	6592.0	6720.0	6848.0	150656.0	181143.0
Readiness Objective										
Intermediate Level										
Stand-Up date										
Depot Level Stand-Up Date										
3. Acquisition Logistics Resources										
nitial Spares				55.5	35.4	19.4	6.9	2.4	0.0	119.6
MRSP				0.0	0.0	0.0	0.0	0.0	0.0	0.0
Field Level Common Spt Equip										
Proc				0.0	0.5	0.5	0.5	0.5	0.0	2.0
Field Level Peculiar Spt Equip										
RDT&E				5.0	4.5	0.0	0.0	0.0	0.0	9.5
Proc				0.0	1.0	5.4	4.3	2.1	2.0	14.8
Depot Level Support Equip/Software										
RDT&E				0.0	0.0	0.0	0.0	0.0	0.0	0.0
Proc - Equip				10.9	1.3	0.6	0.0	0.0	0.0	12.8
Proc - Software Investment				77.6	13.3	5.3	0.0	0.0	0.0	96.2
PDM Plan				0.0	0.0	0.0	0.0	0.0	0.0	0.0
Technical Data/Manuals										
RDT&E				1.0	0.9	0.0	0.0	0.0	0.0	1.9
Proc				5.9	1.5	0.1	0.0	0.0	0.0	7.5
Training Services and Training Equip										
RDT&E				0.0	0.0	0.0	0.0	0.0	0.0	0.0
Proc				3.7	0.0	0.0	0.0	0.0	0.0	3.7

P-I SHOPPING LIST ITEM NO. | PAGE NO. | The program transitions from aircraft procurement (BP1 0) to post production support (BP1 3) funds in FY99.

FY99 PB — **Acquisition Logistics and Operations & Support Funding for Selected Weapon Systems**

Weapon System: B-2 | Date: Feb-98 | PE 11127F 64240F

	FY96/P	FY97	FY98	FY99	FYOO	FY01	FY02	FY03	TC	Total
C. Operations and Support										
Manpower (Nos.)										
Military										
Officer				228	236	236	236	236		NA
Enlisted				1548	1757	1757	1757	1757		NA
Civilian				31	31	31	31	31		NA
Cost ($)										
Fuel				9.9	13.6	15.6	16.3	17.0	494.8	567.2
Consumables (3400)				14.2	19.9	22.5	23.4	24.2	358.3	462.4
Reparables (3400)				40.7	64.0	72.6	75.4	78.3	2253.2	2584.2
Sustaining Eng Spt (3400)				52.3	57.9	58.0	56.2	60.3	1834.7	2119.5
Interim Contractor Spt (3010)				45.6	47.6	9.9	0.0	0.0	0.0	103.1

P-I SHOPPING LIST ITEM NO. | PAGE NO. | The program transitions from aircraft procurement (BP10) to post production support (BP13) funds in FY99.

UNCLASSIFIED

FY99 PB PRODUCTION SCHEDULE | P-1 ITEM NOMENCLATURE B-2 | DATE JAN 1998

ITEM/MANUFACTURER/ PROCUREMENT YEAR	SERV	PROC. QTY	ACCEP PRIOR TO 1 OCT 1993	BAL DUE AS OF 1 OCT 1993	FISCAL YR 94 CALENDAR YR 94												FISCAL YR 95 CALENDAR YR 95												FISCAL YR 96 CALENDAR YR 96									LA ER
					OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
B-2	AF																																						
No Items Will Be Purchased Under This BA Line Number																																							

					OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP

MANUFACTURER'S NAME AND LOCATION	PRODUCTION RATES MINIMUM SUST.	I-8-5	MAX	RC HD D+	PROCUREMENT LEAD TIME ADMIN LEAD TIME PRIOR 1 OCT	PRIOR 1 OCT	MFG TIME	TOTAL AFTER 1 OCT
Northrop Grumman Corporation								
B-2 Division	SEE NOTE							
Pico Rivera, CA				INIT				
				RECORDER				

REMARKS:
The program transitions from aircraft procurement (BP10) lo post production support (EP13) funds in FY99

UNCLASSIFIED

P-I SHOPPING LIST ITEM NO

~~UNCLASSIFIED~~

FY99 PB PRODUCTION SCHEDULE | P-1 ITEM NOMENCLATURE B-2 | DATE JAN 998

ITEM/MANUFACTURER/ PROCUREMENT YEAR	SERV	PROC. QTY	ACCEP PRIOR TO 1 OCT ~~1996~~	BAL DUE AS OF 1 OCT 1996	FISCAL YR 97													FISCAL YR 98												FISCAL YR 99									LATER
					CALENDAR YR 97													CALENDAR YR 98												CALENDAR YR 99									
					OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
B-2	AF																																						
~~No Items Will Be Purchased Under This BA Line Number~~																																							
					OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	

MANUFACTURER'S NAME AND LOCATION	PRODUCTION RATES MINIMUM SUST.	1-8-5	MAX	RC HD D+	PROCUREMENT LEAD TIME ADMIN LEAD TIME PRIOR 1 OCT	PRIOR 1 OCT	MFG TIME	TOTAL AFTER 1 OCT
Northrop Grumman Corporation								
B-2 Division	SEE NOTE							
Pico Rivera, CA								
				INIT				
				~~REORDER~~				

REMARKS: This program transitions from aircraft procurement (BP-10) to post production support (BP-13) funds in FY99.

FY99 PB SIMULATOR AND TRAINING DEVICE JUSTIFICATION ($ M)			DATE Feb-98
APPROPRIATION/P-I Line item: Aircraft Procurement, Combat Aircraft. BA01	Weapon System: B-2	Equipment Nomenclature: Aircrew & Maintenance Trainers	PE 11127F & 64240F

Fin Plan	FY96/Prior	FY97	FY98	FY99	FYOO	FY01	FY02	FY03	TC	Total
Quantity										0
Proc				3.7	0.0	0.0	0.0	0.0	0.0	3.7
RDT&E				0.0	0.0	0.0	0.0	0.0	0.0	0.0
O&S				20.0	10.0	10.0	10.0	10.0	50.0	110.0

Training System Description

The training system consists of training equipment hardware, software, and courseware, training missions and classroom academic materials. The maintenance training began in May 1993. Aircrew training began in Jan 94. The maintenance trainers consist of the Computerized Maintenance Training System, Weapon System Training Aid, and the Crew Escape System Maintenance Trainer. The Cockpit Procedures Trainer, Weapon System Trainer, and the Mission Trainer are aircrew trainers and the Weapon Loading Trainer is an armament loading trainer. The Training Support Center, System Support Center and Training Library are support devices for the above listed trainers. FY98 and FY99 procurement funds pay for post-Block 30 correction of deficiencies, flight performance updates, concurrency changes, and non-recurring efforts for engineering changes, testing and hardware/software integration. The program transitions from aircraft procurement (BP10) to post production support (BP1 3) funds in FY99.

FY99 PB SIMULATOR AND TRAINING DEVICE JUSTIFICATION ($ M)											DATE	Feb-98
APPROPRIATION/P-1 Line Item: Aircraft Procurement, Post Production Support, BA07			Weapon System: B-2		IOC Initial RFT: , 12/1/1993		Equipment Nomenclature: Aircrew & Maint Trainers				PE	11127F & 64240F
TRAINING DEVICE BY TYPE	SITE	DELIVERY DATE	READY FOR TRAINING DATE	AVG STUDENT THROUGHPUT	PRIOR YEARS		FY97		FY98		FY99	
					QTY	COST	QTY	COST	QTY	COST	QTY	COST
MAINTENANCE	WAFB, MO	APR 93	MAY 93	575								2.0
AIRCREW	WAFB, MO											1.7
BLOCK 10	"	SEP 93	JAN 94									
BLOCK 20	"	FEB 96	MAY 96									
BLOCK 30	"	MAY 97	JUL 97									1.7
TOTAL												3.7
			P-1 SHOPPING LIST ITEM NO.		PAGE NO.		The program transitions from aircraft procurement (BP10) to post production support (EIP13) funds in FY99.				Exhibit P-4: Page 2 of 4	

FY99 PB	SIMULATOR AND TRAINING DEVICE JUSTIFICATION ($ M)	DATE Feb-98
Training Device by Type: AIRCREW TRAINERS	Weapon System: B-2	

Description/Justification:
Contains 3 Weapon System Trainers (WST) and 2 Mission Trainers (MT) needed to conduct aircrew training of the B-2.
Also contains funding for block updates to maintain concurrency with the air vehicle.

	Prior Years		FY97		FY98		FY99		To Complete		Total Costs	
FINANCIAL PLAN	Q N	COST	QTY	COST	QTY	COST	Q N	COST	QTY	COST	Q N	COST
HARDWARE COSTS												
Device											5	0.0
ECO												0.0
Nonrecurring								1.7		0.0		1.7
GFE												
Other (Fee)												0.0
Total Hardware Costs								I.7		0.0		1.7
SUPPORT COSTS												
Special SE												
ILS												0.0
Other												
Total Support Costs												0.0
Software/Courseware												
TOTAL COSTS								1.7		0.0		1.7

P-I SHOPPING LIST ITEM NO.	PAGE NO.	The program transitions from aircraft procurement (BP10) to post production support (BP13) funds in FY99.	Exhibit P-4: Page 3 of 4

FY99 PB	SIMULATOR AND TRAINING DEVICE JUSTIFICATION ($ M)	DATE Feb-98
i-raining Device by Type: MAINTENANCE TRAINERS	Weapon System: B-2	

Description/Justification:
Contains all necessary equipment for maintenance training equipment as well as future block updates to maintain concurrency with the air vehicle.

	Prior Years		FY97		FY98		FY99		To Complete		Total Costs	
'INANCIAL PLAN	Q N	COST	QTY	COST	Q N	COST	Q N	COST	Q N	COST	QTY	COST
HARDWARE COSTS												
Device								2.0		0.0		2.0
ECO												
Nonrecurring												
GFE												
Other (Fee)												
Total Hardware Costs								**2.0**		**0.0**		**2.0**
SUPPORT COSTS												
Special SE												
ILS												0.0
Other												
Total Support Costs												0.0
Software/Courseware								0.0		0.0		0.0
TOTAL COSTS								2.0		0.0		2.0

	P-I SHOPPING LIST ITEM NO.	PAGE NO.	The program transitions from aircraft procurement (BP10) lo post production support (BP13) funds in FY99.	Exhibit P-42 Page 4 of 4

EXHIBIT P-40

BUDGET ITEM JUSTIFICATION SHEET	Date: Feb 98
APPROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT/BA07, POST PRODUCTION SUPPORT	P-l ITEM NOMENCLATURE C-S

			FY 1997	FY 1998	FY1999	FY 2000	FY 2001	FY 2002	FY 2003	Total
QUANTITY			0	0	0	0	0	0	0	
COST (IN millions)					28.5					28.5

MISSION AND DESCRIPTION:
These funds buy on C-5 simulator for the Air National Guard. It is part of the AMC replacement program that will reduce aircraft training flights by replacing existing subsystems on the training devices to allow FAA Level C equivalent training. The C-5 will replace the current visual system with a current state-of-the-art, commercial off the shelf system.

FY 99 PROGRAM JUSTIFICATION:
Funding supports the procurement of one (1) C-5 simulator for the Air National Guard.

Date: Feb 98

SIMULATOR AND TRAINING DEVICE JUSTIFICATION ($ M)

APPROPRIATION/P-1 Line Item: 3010	Weapon System: c-5	Equipment Nomenclature: Unit Training Device (UTD) Simulator

Fin Plan	FY96	FY 97	FY 98	FY 99	FY 00	FY 01	FY 02	FY 03	Total
Quantity			0	1	0	0	0		1
Proc			0.0	28.5	0.0	0.0	0.0		28.5
RDT&E									
O&S									

TRAINING SYSTEM DESCRIPTION:

This activity funds required Unit Training Devices (UTDs) which will enable the Mobility Air Forces to provide C-5 airlift pilots continuation training at squadron locations to ensure safety of flight and to maximize pilot proficiency and utilization of their C-5 aircraft. The C-5 UTD Visual System consists of the latest technology, commercial off-the-shelf image generation system and display. This system will allow C-5 pilots to train visual takeoff and landing approaches, and threat avoidance.

EXHIBIT P-40

BUDGET ITEM JUSTIFICATION SHEET	Date: Feb 98
APPROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT/BA07, POST PRODUCTION SUPPORT	P-l ITEM NOMENCLATURE F-15E TACTICAL FIGHTER

		96 Prior	FY 1997	FY 1998	FY1999	FY 2000	FY 2001	FY 2002	FY 2003	Total
QUANTITY		0	0	0	0	0	0	0	0	
COST (IN millions)		7.0	7.8	6.1	7.9	7.7	7.7	7.8	8.0	60.0

MISSION AND DESCRIPTION:

The F-15E (Dual Role Fighter) retains the basic air-to-air capability of the F- 15 A-D tactical fighter and adds the systems necessary to meet the urgent requirement for all weather deep penetration and night/under-the-weather air-to-surface attack. It is a two seat aircraft configured with missionized cockpits, low altitude navigation, targeting, and infrared for night (Lantirn) capability; automatic terrain following/terrain avoidance radar; and other improvements necessary to fulfill the deep penetration and night-under-the-weather air-to-air surface attack mission. Configured with conformal fuel tanks (CFTs), the F-15E can deploy worldwide with minimal tanker support and arrive combat ready.

FY 99 PROGRAM JUSTIFICATION:

This activity funds required for Interim Contractor Support (ICS). ICS is required to provide repair support for critical air vehicle and ground support equipment assets from the time the equipment is fielded until the assets are organically supportable. Grounding of aircraft will result without this repair support. The funds requested in FY 99 are to support F- 15 aircraft already in the inventory.

AIRCRAFT COST ANALYSIS EXHIBIT P-5 (Dollars in Millions)	A. Appn/Budget Activity Title/No. Aircraft Proc/BA07 Spt Equip & Fac		B. Popular Name F-15E Eagle		C. Manufacturer McDonnell Douglas		D. Date Feb-98	
	FY96	QTY 0	FY97	QTY 0	FY98	QTY 0	FY99	QTY 0
	Unit Cost	Total cost	Unit Cost	Total Cost	Unit Cost	Total cost	Unit Cost	Total cost
AIRFRAME/CFE								
ENGINE/ACCESSORIES				0.7		0.7		
AVIONICS: CFE/GFE								
ARMAMENT								
ECO								
NON-RECURRING COSTS								
OTHER COSTS								
PROGRAM MGT ADMIN REQMTS								
Subtotal FLYAWAY COSTS				0.7		0.7		0.0
AIRFRAME PGSE								
ENGINE PGSE								
AVIONICS PGSE								
PECULIAR TRAINING EQUIPMENT								
PUBLICATIONS/TECH. DATA						0.0		
OTHER (ICS)		7.0		4.3		3.0		3.0
OTHER (HAZMAT)				0.0		1.3		3.1
OTHER (SUPPORT CONTRACTS)				2.8		0.0		
OTHER (PLANT SHUTDOWN)						1.1		1.8
Subtotal SUPPORT COST		7.0		7.1		5.4		7.9
GROSS P-1 COST		7.0		7.8		6.1		7.9
20 **LESS: Prior Yr Adv. Proc**				0.0		0.0		0.0
21 **NET P-1 COST**		7.0		7.8		6.1		7.9

EXHIBIT P-1

BUDGET ITEM JUSTIFICATION SHEET	Date: Feb 98
APPROPRIATION/BUDGET ACTIVITY	P-l ITEM NOMENCLATURE
AIRCRAFT PROCUREMENT/BA07, POST PRODUCTION SUPPORT	F- 16 TACTICAL FIGHTER

	Prior		FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	Total
QUANTITY			0	0	0	0	0	0	0	
COST (IN millions)	110.5		63.1	37.5	27.3	16.5	15.2	14.8	14.2	299.1

MISSION AND DESCRIPTION:

The F- 16 Multi-mission Fighter is a single seat, fixed wing, high performance, single engine fighter aircraft. The design, optimized for 0.8 Mach speed range, incorporated advanced technology features to enhance its combat capability while minimizing its acquisition, operating, and support costs. The advanced technology features include a high visibility, high "g" cockpit. The F- 16 armament consists of 20MM cannon, air-to-surface' and air-to-air missiles, and approximately 11,000 pounds of conventional and guided air-to-surface ordinance. The F- 16 will replace the F-4s in the active inventory as well as modernize the reserve forces.

FY99 PROGRAM JUSTIFICATION:

This appropriation is for the continuation of prime contract post production support, and the procurement of deferred peculiar ground support equipment, unit training devices, and technical order support.

AIRCRAFT COST ANALYSIS EXHIBIT P-5 (Dollars in Millions)	A. Appn/Budget Activity Title/No. Aircraft Proc AF/BA07 Post Prod		B. Popular Name F-I 6 Fighting Falcon		C. Manufacturer Lockheed, Ft Worth Co Ft Worth, TX		D. Date Feb 98
	FY97 Uni cos	QTY 0 Total Cost	FY98 Uni cos	QTY 0 Tota cos	FY99 Uni Cost	QTY 0 Tota cos	
AIRFRAME/CFE	0.0	0.0	0.0	0.0	0.0	0.0	
ENGINE/ACCESSORIES	0.0		0.0		0.0		
Eng Model:	0.0	0.0	0.0		0.0		
AVIONICS	0.0		0.0		0.0		
ARMAMENT	0.0		0.0		0.0		
OTHER GFE	0.0		0.0		0.0		
ICO (All Flyaway Components)	0.0		0.0		0.0		
NON-RECURRING COSTS	0.0	2.9	0.0	0.0	0.0		
OTHER COSTS	0.0	31.0	0.0	15.1	0.0		
PROGRAM MGT ADMIN REQMTS		7.4		0.0			
Subtotal FLYAWAY COSTS	0.0	41.3	0.0	15.1	0.0	0.0	
AIRFRAME PGSE		6.7		0.0		6.2	
ENGINE PGSE		0.0					
AVIONICS PGSE		3.3		3.4		4.2	
PECULIAR TRAINING EQUIPMENT		5.0		4.3		5.9	
PUBLICATIONS/TECH. DATA		6.8		5.3		5.3	
ECO (ALL SUPPORT ITEMS)		0					
OTHER (ICS)		0.0		9.4		5.7	
Program Management Administration (PMA)		0.0		0.0		0.0	
Subtotal SUPPORT COST		21.8		22.4		27.3	
GROSS P-I COST		63.1		37.5		27.3	
LESS: Prior Yr Adv. Proc		0.0		0.0		0.0	
NET P-I COST		63.1		37.5		27.3	

EXHIBIT P-5

Date: Feb 98

SIMULATOR AND TRAINING DEVICE JUSTIFICATION ($ M)

APPROPRIATION/P-1 Line Item:	Weapon System:	Equipment Nomenclature:	PE
3010	F-16	Unit Training Device (UTD)	27133F

Fin Plan	FY96/Prior	FY 97	FY 98	FY 99	FY 00	FY 01	TC	Total
Quantity	56							56
Proc	45.8	5.0	4.3	**5.9**	**0.9**	1.0	2.1	65.(
RDT&E	0.5	3.4	6.6	4.2	2.3	2.5	0.0	19.5
O&S								

TRAINING SYSTEM DESCRIPTION:

The Unit Training Device (UTD) is a low-cost, unit level trainer, designed for initial and continuation training in the areas of emergency procedures, LANTIRN, flight instrument training, air-to-air and air-to-ground weapon systems delivery. The UTD will be delivered to various USAF bases for their use at the unit level.

NOTE: FY95/Prior Year are funded in BP10, BA01. FY96 and subsequent years are funded in BP13, BA07.

SIMULATOR AND TRAINING DEVICE JUSTIFICATION ($M)

Training Device by Type: **MAINTENANCE TRAINERS** **Date:** **Fe b-98** **Weapon System: F-16 UTD**

Description/Justification:
The Unit Training Device (UTD) is a low-cost, unit level trainer, designed for initial and continuation training in the areas of emergency procedures, LANTIRN, flight instrument training, air-to-air and air-to-ground weapon systems delivery. The UTD will be delivered to various USAF bases for their use at the unit level. This contract expires 30 Sep 98.
NOTE: FY95 and prior were funded in BP1 0, BA01. FY96 and subsequent years are funded in BP1 3, BA07.

FINANCIAL PLAN	Prior Years		FY 97		FY 98		FY 99		Cost to Complete		Total Costs	
	QTY	COST	QTY	COST	QTY	COST	QTY	COST	QTY	COST	QTY	COST
HARDWARE COSTS												
Device (Hardware)	56	40.86									56	40.86
ECO's												
Nonrecurring												
GFE												
P3I												
Total Hardware Costs	56	40.86		0		0		0		0	56	40.86
SUPPORT COSTS												
Special SE												
Integrated Logistics Support												
Other		4.87		4.97		4.34		5.88		3.90		23.96
Total Support Costs		4.87		4.97		4.34		5.88		3.90		23.96
Total Costs		45.73		4.97		4.34		5.88		3.90		64.82

BUDGET ITEM JUSTIFICATION SHEET	Date: FEB 98
APPROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT/BA07, AIRCRAFT SUPPORT EQUIPMENT AND FACILITIES	P-l ITEM NOMENCLATURE INDUSTRIAL RESPONSIVENESS

	FY 1996 Prior	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003
QUANTITY								
COST (in Millions)	1,707.9	27.1	25.3	19.1	25.9	26.9	27.2	27.5

Mission and Description:

1. Air Force industrial activities combine the resources of several appropriations to create a comprehensive program. The goal is to ensure that the defense industry is capable of supplying reliable, affordable systems to operational commanders. Major elements in the program include management of government-owned industrial plants, the Defense Production Act Program, and support for industrial base (IB) activities. IB activities characterize the critical sectors and industries within the industrial base and provide information on industrial capability issues for consideration during key budget allocation, weapon acquisition, and logistics support decision processes. Funds in this appropriation are to support the aircraft procurement segment of Air Force activities.

2. Although the elements of cost are broken down in greater detail, two basic activities are funded in this appropriation: Industrial Plants and Industrial Base Activities.

A.B.C.D.F. and H. Air Force Industrial Plants cost elements. Consists of repair and expansion, major rehabilitation, environmental compliance, equipment movement and energy conservation at DOD-owned, contractor-operated industrial facilities. These plants are the backbone of DoD weapon system assembly and maintenance for the B-2, F-l 5, F-l 6, C-l 30, C-5B, F- 117 and future F-22.

E. Industrial Base Activities cost element. Provides for identification, analysis, and limited pilots and/or pathfinders for problems, constraints, essential and endangered capabilities in the industrial base sectors (aircraft). Collection and maintenance of industrial (aircraft) data supports affordable acquisition and sustainability requirements.

PROGRAM COST BREAKDOWN	Date: FEB 98
APPROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT/BA07, AIRCRAFT SUPPORT EQUIPMENT AND FACILITIES	P-l ITEM NOMENCLATURE INDUSTRIAL RESPONSIVENESS

(Total Cost in Millions of Dollars)

ELEMENT OF COST	**IDENT** CODE			FY 1997		FY 1998		FY 1999	
				QTY	TOTAL COST	**QTY**	TOTAL COST	**QTY**	TOTAL COST
A. EXPANSIONS	1000								
B. PACKING, CRATING, **&** HANDLING	2000								
C. CAPITAL TYPE REHABILITATION	3000				5.358		9.515		5.803
D. REPLACEMENT **&** MODERNIZATION	4000				1.009		**.485**		**.479**
E. INDUSTRIAL BASE ASSESSMENT	6000				3.632		2.951		3.053
F. ENVIRONMENTAL PROTECTION	7000				16.428		12.324		9.774
G. INDUSTRIAL MODERNIZATION	8000								
H. POLLUTION PREVENTION	9xXX				**.695**		0		0
TOTALS					27.122		25.275		19.109

BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)							DATE: FEBRUARY 1998	
APPROP CODE/BA: APAF/WAR CONSUMABLES				P-I NOMENCLATURE: BUDGET PROGRAM 1700 OVERVIEW				
		FY 1997	FYI998	FYI999	FY2000	FY 2001	FY2002	FY2003
QUANTITY								
COST (in thousands)		$54,070	$62,143	$49,396	$61,731	$79,008	$86,579	$125,505

DESCRIPTION:

A. This program provides initial/replacement War Consumables, and includes commodities such as aircraft Tanks, Racks, Adapters, Pylons (TRAP), Missile Rail launchers and Radio Frequency (RF) (expendable) Towed Decoys. These items (applicable to more than one weapon system) are used to support War Reserve Materiel (WRM) requirements or fleet inventory objectives.

B. PURPOSE OF PROCUREMENT: Items are being procured to fill deficits in WRM levels or fleet inventory objectives.

C. APPLICATION: Air Force maintained aircraft weapons systems.

D. REQUIREMENTS: Items required include launchers, fuel tanks, tank upgrade kits, tank storage containers, and RF Towed Decoys.

E. SUMMARY of FY 97-99 PROCUREMENTS:

	ITEM	QTY	FY97 cost	QTY	FY98 cost	Q-I-Y	FY99 cost
1)	SUU-59 C/A PYLONS	172	$19,565	0	$0	0	$0
2)	LAU-128 Launchers	460	$8,199	0	$0	0	$0
3)	LAU-118(v)4/A ALIC Launcher	0	$0	94	$8,206	0	$0
4)	Adapter, ADU-552/A	0	$0	185	$1,944	0	$0
5)	650 Gal Fuel Tank	0	$0	0	$0	23	$2,351
6)	LAU-117(v)3/A Missile Launcher	0	$0	562	$18,857	599	$20,676
7)	RF Towed Decoys	975	$26,306	1372	$33,136	1106	$25,606
8)	Items Less Than $2 Million		$0		$0		$763
	TOTAL		$54,070		$62,143		$49,396

	P-I ITEM NO:		PAGE NO:	

BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)	DATE: FEBRUARY 1998
APPROP CODE/BA: APAF/WAR CONSUMABLES	P-I NOMENCLATURE: LAU-117(V)3/A MISSILE LAUNCHER

		FY 1997	FYI998	FYI999	FY2000	FY 2001	FY2002	FY2003
QUANTITY		0	562	599	0	0	0	0
COST (in thousands)		$ 0	$18,857	$20,676	$ 0	$ 0	$ 0	$ 0

DESCRIPTION:

A. The LAU-117(v)3/A is a single rail launcher used for the suspension and launch of the AGM-65A, B, and D anti-armor missile, and the AGM-65G hardened target missile. The AGM-65 Maverick missile is common to several USAF fighter aircraft. The LAU-117(v)3/A missile launcher provides the interface between the Maverick missile and the applicable aircraft Maverick missile system. Targeting information and launch signals are provided through the LAU-117(v)3/A launcher to the on board Maverick missile.

1. APPLICATIONS: A-l 0, F-15E, and F-16 aircraft

2. PLANNED PROCUREMENT: FY97: 0
FY98: 562
FY99: 5 9 9

B. PURPOSE OF PROCUREMENT: These launchers are intended to replace older, less capable assets consumed (jettisoned/otherwise expended) during wartime/contingencies/peace keeping operations. FY99 funding procures WRM and fleet operational launcher requirements.

C. IMPACTS: The lack of available, upgraded launchers prevents sustainment of projected sortie rates during wartime/contingencies/peace keeping operations. This more capable, upgraded version of the Maverick missile launcher permits full utilization of the Imaging Infra-Red (IIR) capabilities of the state-of-art AGM-65D and G model Maverick missiles. A shortfall of these launchers may result in the combat requirement for multiple passes to effectively eliminate targets thus increasing the vulnerability of the launching platform to hostile actions.

	P-I ITEM NO:		PAGE NO:	

BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P-5A)	DATE: FEBRUARY 1998
APPROP CODE/BA: APAF/WAR CONSUMABLES	P-I NOMENCLATURE: LAU-117(V)3/A MISSILE LAUNCHER

ITEM/FISCAL YEAR	QTY.	UNIT COST	LOCATION OF PCO	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWARD DATE	DATE OF FIRST DELIVERY	SPECS AVAIL NOW	DATE REVISIONS AVAIL
LAU117(V)3/A LAUNCHER/FY98	562	33.6	AFMC/OO-ALC	C/FP	UNKNOWN	APR 98	JAN 99	YES	
LAU117(V)3/A LAUNCHER/FY99	599	34.5	AFMC/OO-ALC	OPT/FP	UNKNOWN	APR 99	JAN 00	YES	

REMARKS:

	P-I ITEM NO:		PAGE NO:	

PRESIDENT'S BUDGET PRODUCTION SCHEDULE (EXHIBIT P-21) | **DATE:** FEBRUARY 1998

APPROP CODE/BA: APAF/WAR CONSUMABLES

P-I NOMENCLATURE: LAU-117(V)3/A MISSILE LAUNCHER

ITEM/MANUFACTURER/ PROCUREMENTYEAR	SERV.	PROC. QTY.	ACCEP. PRIOR TO 1 OCT.	BAL DUE AS OF 1 OCT.	1997 OCT	NOV	DEC	CALENDAR 1998 JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
								FY98															FY99					
LAUNCHER/UNKNOWN/FY98	USAF	562	0	562							C									50	50	50	50	50	50	44	44	44
LAUNCHER/UNKNOWN/FY99	USAF	599	0	599																			C					
TOTALS		1161	0	1161	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50	50	50	50	50	50	44	44	44

ITEM/MANUFACTURER/ PROCUREMENT YEAR (repeat of items above)	SERV.	PROC. QTY.	PRIOR TO 1 OCT.	BAL DUE AS OF 1 OCT.	1999 OCT	NOV	DEC	CALENDAR 2000 JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
								FY00															FY01					
LAUNCHER/UNKNOWN/FY98	USAF	562	432	130	44	43	43																					
LAUNCHER/UNKNOWN/FY99	USAF	599	0	599				43	50	50	50	52	52	52	50	50	50	50	50									
TOTALS		1161	432	729	44	43	43	43	50	50	50	52	52	52	50	50	50	50	50	0	0	0	0	0	0	0	0	0

MANUFACTURER'S NAME AND LOCATION	PRODUCTION RATES MIN. SUST.	1-8-5	MAX.			PROCUREMENT LEAD TIME ADMIN LEAD TIME PRIOR TO 1 OCT	AFTER 1 OCT	MANFACTURING PLT	TOTAL AFTER 1 OCT.
UNKNOWN	43		52						
					INITIAL				15
					REORDER				15

REMARKS:

	P-I ITEM NO:		PAGE NO:	

BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)	DATE: FEBRUARY 1998
APPROP CODE/BA: APAF/WAR CONSUMABLES	P-I NOMENCLATURE: 650 GALLON CRASHWORTHY FUEL TANK

		FY 1997	FYI998	FYI999	FY2000	FY 2001	FY2002	FY2003
QUANTITY		0	0	23	0	0	0	0
COST (in thousands)		$ 0	$ 0	$2,351	$ 0	$ 0	$ 0	$ 0

DESCRIPTION:

A. This item is a rugged 650 gallon crashworthy external fuel tank used on the HH-53 and MH-53 helicopters. It is manufactured using a detailed filament wound process for added strength and durability. Each fuel tank is attached to an external pylon and then mounted on the helicopter. Each HH-53 helicopter can accommodate two of the pylon/tank assemblies. Both tank/pylon assemblies are jettisoned simultaneously from the helicopter in case of emergency.

1. APPLICATION: HH-53J and MH-53 helicopters

2. PLANNED PROCUREMENT: FY97: 0
FY98: 0
FY99: 2 3

B. PURPOSE OF PROCUREMENT: These fuel tanks are intended to replace those assets consumed (jettisoned/expended) during wartime, contingency, peacekeeping, or special operations. Procurement of these assets will permit the HH-53 weapons system to meet mission requirements.

C. IMPACT: These fuel tanks provide the HH-53 helicopter with extended range and special capabilities (used as a buffer for hard/crash/emergency landings). Failure to procure these assets will restrict the unrefueled range of the HH-53/MH-53 helicopter thus impacting mission accomplishment and limiting the survivability of the helicopter during emergency/extenuating conditions. The MH-53 helicopter is used by the Air Force Special Operations Command (AFSOC) and is assigned a Functional Activity Designator (FAD) 1, Priority (PRI) 1. Assignment of FAD 1/PRI 1 identifies this weapon system as a priority USAF asset, and the lack of adequate quantities of these tanks will restrict accomplishment of the Air Force mission.

	P-I ITEM NO:		PAGE NO:	

BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P-5A)

DATE: FEBRUARY 1998

APPROP CODE/BA: APAF/WAR CONSUMABLES

P-I NOMENCLATURE: 650 GALLON CRASHWORTHY FUEL TANK

ITEM/FISCAL YEAR	QTY.	UNIT COST	LOCATION OF PCO	CONTRACT METHOD &TYPE	CONTRACTOR AND LOCATION	AWARD DATE	DATE OF FIRST DELIVERY	SPECS AVAIL NOW	DATE REVISIONS AVAIL
HH-53 650 GL FUEL TANK/FY95	5	96	AFMC/OO-ALC	C/FP	ENERGY CONTAINER CORP (ECC) SANTA ANA, CA	MAY 95	FEB 96		
HH-53 650 GL FUEL TANK/FY99	23	102	AFMC/OO-ALC	C/FP	UNKNOWN	APR 99	APR 00	YES	

REMARKS:

	P-I ITEM NO:		PAGE NO:	

PRESIDENT'S BUDGET PRODUCTION SCHEDULE (EXHIBIT P-21)

DATE: FEBRUARY 1998

APPROP CODE/BA: APAF/WAR CONSUMABLES

P-I NOMENCLATURE: 650 GALLON CRASHWORTHY FUEL TANK

ITEM/MANUFACTURER/ PROCUREMENTYEAR	SERV.	PROC. QTY.	ACCEP. PRIOR TO 1 OCT.	BAL DUE AS OF 1 OCT.	1997	CALENDAR 1998 FY98												CALENDAR 1999 FY99											
					OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEF
FUEL TANK/UNKNOWN/FY99	USAF	23	0	23																			C					
TOTALS		23	0	23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

ITEM/MANUFACTURER/ PROCUREMENT YEAR (repeat of items above)	SERV.	PROC. QTY.	ACCEP. PRIOR TO 1 OCT.	BAL DUE AS OF 1 OCT.	1999	CALENDAR 2000 FY00												CALENDAR 2001 FY01											
					OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEF
FUEL TANWUNKNOWNIFY99	USAF	23	0	23							2	2	2	2	2	2	2	2	2	2	2	1	1						
TOTALS		23	0	23	0	0	0	0	0	0	2	2	2	2	2	2	2	2	2	2	2	10	0	0	0	0	0	0

MANUFACTURER'S NAME AND LOCATION	PRODUCTION RATES MIN. SUST.	I-8-5	MAX.			PROCUREMENT LEAD TIME ADMIN LEAD TIME PRIOR TO 1 OCT	AFTER 1 OCT	MANFACTURING PLT	TOTAL AFTER 1 OCT.
UNKNOWN	1		2						
					INITIAL	0	6	12	18
					REORDER				0

REMARKS:

	P-I ITEM NO:		PAGE NO:	

BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)	DATE: FEBRUARY 1998
APPROP CODE/BA: APAF/WAR CONSUMABLES	P-I NOMENCLATURE: ADVANCED AIRBORNE EXPENDABLE DECOY (AAED); RF TOWED DECOYS

		FY 1997	FYI 998	FYI 999	FY2000	FY 2001	FY2002	FY2003
QUANTITY		975	1372	1106	1375	2144	1728	3168
COST (in thousands)		$26,306	$33,136	$25,606	$31,093	$47,721	$40,888	$72,238

DESCRIPTION:

A. The Advanced Airborne Expendable Decoy (AAED) is part of the AN/ALE-50 Radio Frequency (RF) Towed Decoy System which integrates the AAED onto both F-16 and B-l B aircraft. It provides RF protection for the aircraft by acting as an RF repeater to decoy threat systems that engage it, resulting in increased missed distance. The AN/ALE-50 RF Towed Decoy System enhances each platform's countermeasures capability against modern RF missile threats. Major system components for the F-16 are the AAED (includes towline assembly & canister), magazine, launcher/controller and pylons. The major system components for the B-l B are the magazine, launcher, multi-platform launch controller and fairings. The AAED planned production buys will occur during FY97-05 for a total quantity of 17,306 decoys.

1. APPLICATION: F-16 and B-l B

2. REQUIREMENTS: FY97: 975
FY98: 1372
FY99: 1106

B. PURPOSE OF PROCUREMENT: FY97 - FY99 includes requirements for fielding AAED's for F-16 and B-IB aircraft.

C. IMPACT: Air Combat Command (ACC) Operational Requirements Document (ORD) dated 16 May 94 states their need for improved F-16 survivability RF threats. The ALE-50 (V)2 answers this need. The ALE-50 has demonstrated a significant improvement to the F-16 survivability against RF missiles. ACC has seen the results and has requested the ALE-50 (V)2 be placed on all combat coded Block 40/50 F-16's as soon as possible. The number of decoys required to maintain enhanced RF protection in a war-fighting scenario is 39.6 decoys per aircraft. Currently, the decoy budget (FY 97-99) only supports 13 decoys per aircraft. This is a three-fold reduction in the ability of the ALE-50 (V)2 systems to provide the required level of protection to the war-fighter. The ALE-50 production contract is based on variations in quantity (VIQ). If our approved budget does not allow the Air Force to buy the minimum quantity, the contract is violated and requires renegotiation. This renegotiation will result in a 5-10% decoy cost increase, which increases the AAED total program by $35 - $70M. Lack of available decoys prevents sustainment of projected wartime sortie rates, impeding wartime missions. The AAEDs being purchased are based only on F-16 requirements. The B-l B uses AAED as an interim capability until Integrated Defensive Electronic Countermeasures (IDECM) Fiber Optic Towed Decoy (FOTD) is ready. The IDECM enters production in FY 2002. No additional quantities of this AAED are being procured for the B-l B. Therefore, if the number of decoys are reduced, both the F-16 and the B-IB will be impacted.

	P-I ITEM NO:		PAGE NO:	

BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)	DATE: FEBRUARY 1998
APPROP CODE/BA: APAF/WAR CONSUMABLES	**P-I NOMENCLATURE:** ADVANCED AIRBORNE EXPENDABLE DECOY (AAED); RF TOWED DECOYS

D. The B-l B Towed Decoy System has completed DT&E/IOT&E. Milestone III was completed in January 1998. RDT&E funds are documented in the descriptive summary for PE 64270F.

WEAPON SYSTEM COST ANALYSIS (EXHIBIT P-5)

DATE: FEBRUARY 1998

APPROP CODE/BA:
APAF/WAR CONSUMABLES

P-I NOMENCLATURE:
ADVANCED AIRBORNE EXPENDABLE DECOY (AAED); RF TOWED DECOYS

WEAPON SYSTEM COST ELEMENTS	IDENT CODE	FY 1997 QTY	FY 1997 UNIT COST	FY 1997 TOTAL COST	FY 1998 QTY	FY 1998 UNIT COST	FY 1998 TOTAL COST	FY 1999 QTY	FY 1999 UNIT COST	FY 1999 TOTAL COST
DECOY		975	25.2	24,616	1372	22.1	30,279	1106	22.1	24,461
WARRANTY		975	.6	609	1372	.6	756	1106	.5	601
MANAGEMENT INFORMATION SYSTEM				758			594			
ECO							692			506
ICS				40			41			0
CONTAINERS		41	.8	32	58	.8	49	47	.8	38
CONTINGENT LIABILITY				251			725			0
TOTAL				26,306			33,136			25,606

REMARKS:

	P-I ITEM NO:		PAGE NO:	

BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P-5A)

DATE: FEBRUARY 1998

APPROP CODE/BA: APAF/WAR CONSUMABLES

P-I NOMENCLATURE: ADVANCED AIRBORNE EXPENDABLE DECOY (AAED); RF TOWED DECOYS

ITEM/FISCAL YEAR	QTY.	UNIT COST	LOCATION OF PCO	CONTRACT METHOD &TYPE	CONTRACTOR AND LOCATION	AWARD DATE	DATE OF FIRST DELIVERY	SPECS AVAIL NOW	DATE REVISIONS AVAIL
FY97	975	25.2	AFMCIASC	SS/FPIF	E-SYSTEMS, GOLETA, CA	DEC 96	FEB 98		
FY98	1372	22.1	AFMCIASC	OPT/FPIF	SAME	DEC 97	FEB 99		
FY99	1106	22.1	AFMC/ASC	OPT/FP	SAME	DEC 98	FEB 00	YES	

REMARKS:

	P-I ITEM NO:		PAGE NO:	

PRESIDENT'S BUDGET PRODUCTION SCHEDULE (EXHIBIT P-21)

DATE: FEBRUARY 1998

APPROP CODE/BA: APAF/WAR CONSUMABLES

P-I NOMENCLATURE: ADVANCED AIRBORNE EXPENDABLE DECOY (AAED); RF TOWED DECOYS

ITEM/MANUFACTURER/ PROCUREMENT YEAR (repeat of items above)	SERV.	PROC. QTY.	ACCEP. PRIOR TO 1 OCT.	BAL DUE AS OF 1 OCT.	1997	CALENDAR 1998											CALENDAR 1999										
						FY98											FY99										
					OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
FY 1997 - LOT 1	AF	975	0	975					73	02	82	82	02	02	82	02	02	82	82	82								
FY 1998 - LOT 2	AF	1,372	0	1,771				ICI													114	114	114	114	114	114	114	114
FY 1999 - LOT 3	AF	1,106	0	1106															C									
TOTALS		3453	0	3453	0	0	0	0	73	82	82	82	82	82	82	82	82	82	82	82	114	114	114	114	114	114	114	114

ITEM/MANUFACTURER/ PROCUREMENT YEAR (repeat of items above)	SERV.	PROC. QTY.	ACCEP. PRIOR TO 1 OCT.	BAL DUE AS OF 1 OCT.	1999	CALENDAR 2000											CALENDAR 2001										
						FY00											FY01										
					OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
FY 1997 - LOT 1	AF	975	975	0																							
FY 1998 - LOT 2	AF	1,372	912	460	115	115	115	115																			
FY 1999 - LOT 3	AF	1,106	0	1106					92	92	92	92	92	92	92	92	92	92	93	93								
TOTALS		3453	1887	1566	115	115	115	115	92	92	92	92	92	92	92	92	92	92	93	93	0	0	0	0	0	0	0	0

MANUFACTURER'S NAME AND LOCATION	PRODUCTION RATES MIN. SUST.	I-8-5	MAX.			PROCUREMENT LEAD TIME ADMIN LEAD TIME PRIOR TO 1 OCT	ADMIN LEAD TIME AFTER 1 OCT	MANFACTURING PLT	TOTAL AFTER 1 OCT.
E-SYSTEMS, GOLETA, CA	60		300						
					INITIAL		2	14	16
					REORDER		2	14	16

REMARKS:

	P-I ITEM NO:		PAGE NO:	

REQUIREMENTS STUDY (EXHIBIT P-20)	DATE: FEBRUARY 1998
APPROP CODE/BA: APAF/WAR CONSUMABLES	**P-I NOMENCLATURE:** ADVANCED AIRBORNE EXPENDABLE DECOY (AAED); RF TOWED DECOYS

ASSET DYNAMICS (BY FDP):	**FY 1997**	**FY 1998**	**FY 1999**
BEGINNING ASSET POSITION (As of 31 Mar 97)	0	975	2,347
DELIVERIES FROM ALL PRIOR YEAR FUNDING	0		
QUANTITIES PROCURED WITH FY97 FUNDING	975		
QUANTITIES PROCURED WITH FY98 FUNDING		1,372	
QUANTITIES PROCURED WITH FY99 FUNDING			1,106
TEST/TRAINING USAGE	(0)	(0)	(0)
DISPOSALS	(0)	(0)	(0)
END OF YEAR ASSET POSITION	975	2,347	3,453

INVENTORY OBJECTIVE:		**VEH ELIGIBLE:**
PEACETIME PIPELINE/STOCK LEVEL		BY1 REPLACE
PEACETIME STATIC LEVEL		BY2 REPLACE
WRM	17,306	VEH AUGMENT
OTHER		
TOTAL INVENTORY OBJECTIVE	17,306	

REMARKS:
The Inventory Objective is based on ACC's defined requirement as documented by the ORD CAF 343-88-II/III-A dated 6 May 94 (classified - SECRET).

	P-I ITEM NO:		PAGE NO:	

BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)							DATE: FEBRUARY 1998	
APPROP CODEIBA: APAF/WAR CONSUMABLES				P-I NOMENCLATURE: ITEMS LESS THAN $2,000,000				
		FY 1997	FYI998	FYI999	FY2000	FY 2001	FY2002	FY2003
QUANTITY								
COST (in thousands)		$ 0	$ 0	$763	$ 0	$ 0	$ 0	$ 0

DESCRIPTION:

1. The "Items Less Than $2 Million" line includes tank storage/shipping containers and nested fuel tank upgrade kits. These items are used in support of the F-15 aircraft. Failure to procure these containers in which to store/ship assembled, ready-to-use F-15 WRM fuel tanks will most certainly result in damage to the tanks during storage/shipping. Failure to procure the upgrade kits will result in a loss of a percentage of the assets on hand to support contingency requirements. This will result in a shortfall of ready-to-use fuel tanks thus impacting sortie duration.

2. All items have an annual procurement value of less than $2,000,000. Items requested for procurement in FY99 are identified on the following P-40a.

	P-I ITEM NO:		PAGE NO:	

BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITEMS (EXHIBIT P-40A-IL) | **DATE:** FEBRUARY 1998

APPROP CODEIBA: APAF/WAR CONSUMABLES

P-I NOMENCLATURE: ITEMS LESS THAN $2,000,000

PROCUREMENT ITEMS	NSN	FY 1998 QTY.	FY 1998 COST	FY1999 CITY.	FY1999 COST
F-15 600 GAL FUEL TANK SLOTTED ANGLE STORAGE/SHIPPING CONTAINER				125	$ 46
F-15 600 GAL NESTED FUEL TANK UPGRADE KIT				358	$717
TOTALS:			$ 0		$763

	P-I ITEM NO:		PAGE NO:	

BUDGET ITEM JUSTIFICATION SHEET						DATE February 1998		
APPROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT, AF/ BA 07 AIRCRAFT SUPPORT EQ & FACILITIES					[P-l NOMENCLATURE MISCELLANEOUS PRODUCTION CHARGES			
	N97	N98	N99	FY00	NO1	NO2	NO3	
QUANTITY								
COST (in thousands)	228,140	268,578	22 1,464	219,430	330,808	346,013	353,324	

These programs provide for items which (1) are not directly related to other procurement line items in this appropriation, (2) cannot be reasonably allocated and charged to other procurement line items in this appropriation, (3) can be managed as separate end items, and (4) contain certain classified programs.

Exhibit P-41a, Budget Item Justification for Aggregated Items				Date: February 1998			
Appropriation/Budget Activity	AIRCRAFT PROCUREMENT, AF BA07						
Procurement Items	FY1997	FY1998	FY1999	FY2000			
	($000)	($000)	($000)	($000)			
Conventional Bomb Modules	32,000	0	0	0			
C-5 Airlift Squadrons	0	1,483	1,381	1,428			
Classified Program Summary	44,580	125,163	86,637	91,600			
Combat Training Range Equipment	21,203	9,751	3,918	17,918			
Command and Control Module	0	4,826	0	0			
Elec Warefare Integrated Program	0	5,309	5,732	5,774			
F-22	0	0	2,865	8,520			
Flight Screening	0	0	0	117			
KC-135S	0	1,490	1,505	1,501			
Manned Destructive Suppression	0	0	10,083	0			
NATO AWACS Program	86,93 0	68,260	63,493	5 1,465			
NAVSTAR Global Positioning System User Equipment	36,558	42,390	43,958	37,870			
Podded Reconnaissance System	0	6,082	0	0			
Pollution Prevention	6,869	3,824	1,892	3,237			
	228.140,	268.578,	221,464,	219,430,			

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FY 1999 PRESIDENT'S BUDGET SUBMISSION
MISCELLANEOUS PRODUCTION CHARGES FACT SHEET
(Dollars in Thousands)

PROJECT TITLE: C-5 Airborne Broadcast Intelligence (ABI)

MODELS OF AIRCRAFT APPLICABLE: C-5

DESCRIPTION/JUSTIFICATION: The AMC Airlift and Air Refueling Mission Area Plans identified a deficiency in the ability to protect aircraft from hostilities during combat operations. The ABI system addresses this deficiency and increases aircrew survivability by providing aircrews with portable, on-aircraft mission equipment to receive and display critical, real-time intelligence information. Strategic mobility aircrews often fly extended missions or transit enroute stations without full intelligence information capability. Information provided prior to mission departure is often outdated or incomplete upon arrival in theater. ABI provides increased threat situational awareness and enables air-crews to make mission modifications to avoid enemy threats under rapidly changing combat conditions. To limit system implementation costs, it is envisioned that ABI will be "snapped on" to any AMC mobility fleet aircraft when this capability is needed. These systems are intended to be interchangeable between KC-13 5, KC-10, C-141, C-5, and C-17 operational wings as required. This project modifies and integrates on the C-5 previously developed intelligence communication and display equipment.

PROJECTED FINANCIAL PLAN:

	FY 97	FY 98	FY 99
BASIS FOR COST ESTIMATE:			
	0	1,483	1,381
TOTAL COST	0	1,483	1,381

DATE: Feb 98 P-1900

FY 1999 PRESIDEN'TS BUDGET SUBMISSION
MISCELLANEOUS PRODUCTION CHARGES
(Dollars in Thousands)

PROJECT TITLE: Classified Programs

DESCRIPTION/JUSTIFICATION: Details of the following programs are available on a need-to-know basis.

PROJECTED FINANCIAL PLAN:

BASIS FOR COST ESTIMATE	N 97	N 8	N 9
Special Evaluation Program	25,290	6,963	598
Compass Call	0	0	23,747
Classified Programs	10,584	17,834	3 1,345
Advanced Program Evaluation	8,706	100,366	30,947
TOTAL COST	44,580	125,163	86,637

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FY 1999 PRESIDENT'S BUDGET SUBMISSION
MISCELLANEOUS PRODUCTION CHARGES FACT SHEET
(Dollars in Thousands)

PROJECT TITLE: Additional Conventional Modules

MODELS OF AIRCRAFT APPLICABLE: B-1B

DESCRIPTION/JUSTIFICATION: This modification procures additional lo-carry conventional bomb modules for expanded conventional capability to meet mission requirements. The new modules will add capability to the existing 28 carry conventional bomb modules. The 28-carry modules are designed for MK-82 carriage. The lo-carry modules are designed for CBU-87/89/97 carriage. There are currently a total of fifty IO-carry modules in AF inventory. The ACC requirement is for a total of 101 of these modules. The $32M in N97 will be used to purchase 13 additional conventional bomb modules.

PROJECTED FINANCIAL PLAN:

	FY 97	FY 98	FY 99
BASIS FOR COST ESTIMATE:			
	32,000	0	0
TOTAL COST	32,000	0	0

DATE: Feb 98

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FY 1999 PRESIDENT'S BUDGET SUBMISSION
MISCELLANEOUS PRODUCTION CHARGES FACT SHEET
(Dollars in Thousands)

PROJECT TITLE: Combat Training Range Equipment

MODELS OF AIRCRAFT APPLICABLE: A-10, F-l 5, F-16

DESCRIPTION/JUSTIFICATION: Air Combat Training Systems (ACTS) provide equipment for Air Force ranges to support training/evaluation of aircrews and operational testing of weapon systems and tactics under simulated combat conditions. Originally, range instrumentation systems were known as Air Combat Maneuvering Instrumentation (ACMI) systems. However, the nomenclature has changed over the years to better reflect system upgrades and specific uses of individual systems. The second generation systems, capable of handling 36 aircraft simultaneously, are referred to as Measurement and Debriefmg Systems (MDS). The overall range instrumentation systems are now known as Air Combat Training Systems, are interoperable with Navy ranges, and provide the capability to train aircrews in air-to-air combat, air-to-ground combat, and electronic warfare, while providing real-time monitoring and control of aircraft during large force exercises and recording events for post-mission debrief and analysis. The pods are airborne systems of ACTS and provide altitude, position, and vector tracking, data plus other aircraft avionics and weapon event data.
The FY97 effort includes funds to instrument the Air National Guard Combat Readiness Training Center at Alpena MI using a GPS-based Air Combat Training System, and upgrade the joint National Training Center/Warrior (NTC/AW) training range. The upgrade to the NTC/AW will increase the number of exercise participants from 700 to 2,200, with a future expansion capability of 4,400 participants. The FY98 and FY99 dollars will add GPS capability to the pods for the ranges in Alaska, and add the Acquisition Message-Oriented Data Security Module (AMODSM) (encryption capability) to pods at other ranges.

DEVELOPMENT STATUS: The AMODSM program is in development and is projected to be in production in February 1998. Pods developed and procured beginning in FY95 will have GPS capability.

PROJECTED FINANCIAL PLAN:

	FY 97	FY 98	FY 99
BASIS FOR COST ESTIMATE:			
ACMI PODS	21,203	9,751	3,918
TOTAL COST	21,203*	9,751	3,918

* Does not reflect $4.6M below threshold reprogramming to support an unfunded requirement in another aircraft procurement program.

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FY 1999 PRESIDENT'S BUDGET SUBMISSION
MISCELLANEOUS PRODUCTION CHARGES FACT SHEET
(Dollars in Thousands)

PROJECT TITLE: Command and Control Module

MODELS OF AIRCRAFT APPLICABLE: C-141, C-17, KC-10

DESCRIPTION/JUSTIFICATION: The Silver Bullet is a deployable (palletized) communications and Distinguished Visitor comfort package designed to fit on C- 14 1, C- 17, and KC- 10 aircraft. The Silver Bullet provides a means for senior military and executive officials to work, conference, and rest onboard military aircraft while enroute to deployed locations. The ability to maintain contact with military forces and to keep abreast of rapidly changing situations is provided with onboard communications that include secure and non-secure voice/data/fax world-wide via UHF SATCOM, INMARSAT, and HF. Use of the Silver Bullet allows senior military and government officials to fly into austere locations where support for official government aircraft is non-existent. The N98 request will procure two Silver Bullet Command and Control Modules.

PROJECTED FINANCIAL PLAN:

	N 97	N 98	N 99
BASIS FOR COST ESTIMATE:			
Silver Bullet		4,826	0
TOTAL COST		4,826	0

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FY 1999 PRESIDENT'S BUDGET SUBMISSION
MISCELLANEOUS PRODUCTION CHARGES FACT SHEET
(Dollars in Thousands)

PROJECT TITLE: Electronic Warfare Integrated Reprogramming (EWIR)

MODELS OF AIRCRAFT APPLICABLE: F-16, F-15, A-10, B-52, B-1B, MC-130, AC-130, MH-53J, MH-60, EF-111

DESCRIPTION/JUSTIFICATION: This program provides electronic countermeasure (ECM) support of the Electronic Warfare Avionics Integration Support Facility (EWAISF) for the EWIR process. The EWAISF is the primary support facility in the development, configuration management, maintenance and testing of electronic warfare system software and reprogramming support tools for Air Combat Command, Air Force Special Operations Command, and Air Mobility Command electronic warfare systems.

PROJECTED FINANCIAL PLAN:

	FY 97	FY 98	FY 99
BASIS FOR COST ESTIMATE:			
	0	5,309	5,732
TOTAL COST	0	5,309	5,732

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FY 1999 PRESIDENT'S BUDGET SUBMISSION
MISCELLANEOUS PRODUCTION CHARGES FACT SHEET
(Dollars in Thousands)

PROJECT TITLE: F-22

MODELS OF AIRCRAFT APPLICABLE: F-22

DESCRIPTION/JUSTIFICATION: N99 Funds procure chaff, flares, and items in support of electronic warfare.

PROJECTED FINANCIAL PLAN:

	N 97	N 98	N 99
	0	0	2,865
TOTAL COST	0	0	2,865

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FY 1999 PRESIDENT'S BUDGET SUBMISSION
MISCELLANEOUS PRODUCTION CHARGES FACT SHEET
(Dollars in Thousands)

PROJECT TITLE: KC-135 Airborne Broadcast Intelligence (ABI)

MODELS OF AIRCRAFT APPLICABLE: KC-135S

DESCRIPTION/JUSTIFICATION: The AMC Airlift and Air Refueling Mission Area Plans identified a deficiency in the ability to protect aircraft from hostilities during combat operations. ABI addresses this deficiency and increases aircrew survivability by providing aircrews with portable, on-aircraft mission equipment to receive and display critical, real-time intelligence information. Strategic mobility aircrews often fly extended missions or transit enroute stations without full intelligence information capability. Information provided prior to mission departure is often outdated or incomplete upon arrival in theater. ABI provides increased threat situational awareness thus enabling aircrews to make mission modifications to avoid enemy threats under rapidly changing combat conditions. To limit system implementation costs, it is envisioned that ABI will be "snapped on" to any AMC mobility fleet aircraft when this capability is needed. These systems are intended to be transferred between KC-135, KC-10, C-141, C-5, and C-17 operational wings as required. This project modifies and integrates on the KC-135 previously developed intelligence communication and display equipment.

PROJECTED FINANCIAL PLAN:

BASIS FOR COST ESTIMATE:	N 97	N 98	N 99
	0	1,490	1,505
TOTAL COST	0	1,490	1,505

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FY 1999 PRESIDENT'S BUDGET SUBMISSION
MISCELLANEOUS PRODUCTION CHARGES FACT SHEET
(Dollars in Thousands)

PROJECT TITLE: Manned Destructive Suppression

MODELS OF AIRCRAFT APPLICABLE: F-16

DESCRIPTION/JUSTIFICATION: The AN/ASQ-213 POD, a High Speed Anti-Radiation Missile (HARM) Targeting System, senses enemy radar emissions and provides precision targeting information for the F-16 Vlock 50 F-16C. The F-16 HTS provides the only USAF HARM suppression capability since the retirement of the F-4G Wild Weasel in N96. The AF completed procurement of 112 HTS pods in N94. FY98/((funding modifies the HTS fleet to the R6 configuration.

PROJECTED FINANCIAL PLAN:

	N 97	9N 8	9N 9
BASIS FOR COST ESTIMATE:			
	0	0	10,083
TOTAL COST	0	0	10,083

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FY 1999 PRESIDENT'S BUDGET SUBMISSION
MISCELLANEOUS PRODUCTION CHARGES FACT SHEET
(Dollars in Thousands)

PROJECT TITLE: NATO AWACS Modernization

MODELS OF AIRCRAFT APPLICABLE: E-3A

DESCRIPTION/JUSTIFICATION: NATO's E-3s provide air and maritime surveillance for allied forces in the NATO area of operation. This project provides the U.S. contribution to the NATO Airborne Early Warning and Control Near-Term Modernization Program to update NATO E-3s with capabilities similar to the U.S., United Kingdom, and French E-3s under the 1990 addendum to the Multilateral Memorandum of Understanding. Upgrades include the anti-jam radio (Have Quick A-Nets), JTIDS TADIL J data Link, improved COMSEC equipment (ANDVT), and color consoles. Joint US/NATO Cooperative developments include Electronic Support Measures (ESM), and the Radar System Improvement Program (RSIP). NATO AWACS also includes the U.S. contributions to the Mid-Term Modernizations Program beginning in N98. An amendment to the 1990 Multilateral Memorandum of Understanding, for the mid-term program, was completed on 13 August 1997. Some of the upgrades identified for the mid-term effort include man-machine interface, multi-sensor integration, digital communications, and satellite communications. Near- and mid-term projects will maintain fleet operational effectiveness and interoperability well into the 21st century.

PROJECTED FINANCIAL PLAN:

BASIS FOR COST ESTIMATE:

	N 97	N 98	N 9 9
AWACS - Near-Term	86,930	42,888	19,959
AWACS - Mid-Term	0	25,372	43,534
TOTAL COST	86,930	68,260	63,493

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FY 1999 PRESIDENT'S BUDGET SUBMISSION
MISCELLANEOUS PRODUCTION CHARGES FACT SHEET
(Dollars in Thousands)

PROJECT TITLE: NAVSTAR Global Positioning System (GPS) User Equipment

MODELS OF AIRCRAFT APPLICABLE: C-17A, C-130, E-8, and F-l 17

DESCRIPTION/JUSTIFICATION: NAVSTAR GPS is a space-based radio navigation system that provides users with precise position, velocity, and time using passive receivers on a day/night all-weather world-wide basis. These funds provide for the procurement of user equipment and associated costs for the above aircraft. This program also includes production engineering, testing, and other support to all GPS modifications.

PROJECTED FINANCIAL PLAN:

	N 97	N 98	N 9
BASIS FOR COST ESTIMATE:			
Non-recurring/Integration	36,558	42,390	43,958
TOTAL COST	36,558	42,390	43,958

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FY 1999 PRESIDENT'S BUDGET SUBMISSION
MISCELLANEOUS PRODUCTION CHARGES FACT SHEET
(Dollars in Thousands)

PROJECT TITLE: TARS Podded Reconnaissance System

MODELS OF AIRCRAFT APPLICABLE: F-16C, Block 30

DESCRIPTION/JUSTIFICATION: The TARS Podded Reconnaissance System (PRS) provides the USAF with a fighter-based podded reconnaissance capability to satisfy the requirement for responsive, under-the-weather, high resolution, visible light imagery. The system will consist of electro-optical sensors, a pod management system, and recorder carried in a pod on the F-16, and a small Common Imagery Ground/Surface System (CIG/SS) compliant ground exploitation system. All systems will be operated by the Air National Guard (ANG). The concept of operations distributes the systems (four per squadron) among five ANG F-16 squadrons. N96 funds procure pods, electro-optical camera packages, recorders, sensor management systems, ground stations, and support equipment. The N98 request will procure the medium altitude mid-bay sensors.

PROJECTED FINANCIAL PLAN:

	FY 97	FY 98	FY 99
BASIS FOR COST ESTIMATE:			
TARS	0	6,082	0
TOTAL COST	0	6,082	0

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FY 1999 PRESIDENT'S BUDGET SUBMISSION
MISCELLANEOUS PRODUCTION CHARGES FACT SHEET
(Dollars in Thousands)

PROJECT TITLE: Pollution Prevention

MODELS OF AIRCRAFT APPLICABLE: N/A

DESCRIPTION/JUSTIFICATION: Installations and Government Owned, Contractor Operated (GOCO) facilities throughout the Air Force require and are authorized equipment, facility projects, and services that must be acquired to accomplish the DoD and Air Force pollution prevention goals. These goals are a direct result of the Pollution Prevention Act of 1990, Montreal Protocol, Executive Orders 12856 and 12873, the DoD Comprehensive Pollution Prevention Strategy, and the Air Force Pollution Prevention Strategy. This budget item identifies the pollution prevention initiatives required to reduce and prevent harmful releases of hazardous and toxic materials to the air, land, and water. It includes requirements such as refrigerant recovery equipment, recycling equipment, efforts to reduce solid waste generation, enhanced hazardous material management practices, hazardous waste minimization efforts, and opportunity assessments to identify pollution prevention opportunities.

PROJECTED FINANCIAL PLAN:

	N 97	N 98	N 99
BASIS FOR COST ESTIMATE:			
PROGRAM COST	6,869	3,824	1,892
TOTAL COST	6,869	3,824	1,892

BUDGET ITEM JUSTIFICATION SHEET					DATE February 1998			
APPROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT, AF/ BA 07 AIRCRAFT SUPPORT EQ & FACILITIES					P-l NOMENCLATURE MANNED RECONNAISSANCE SYSTEMS			
	N97	N98	N99	FY00	NO1	NO2	NO3	
QUANTITY								
COST (in thousands)	146,237	166,678	152,113	122,196	109,061	106,534	106,079	

This program provides centralized funding for multi-Service and Air Force requirements to field future airborne reconnaissance systems, as well as DARO aircraft procurement requirements.

P-l Shopping List

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FY 1999 PRESIDENT'S BUDGET SUBMISSION
MISCELLANEOUS PRODUCTION CHARGES FACT SHEET
(Dollars in Thousands)

PROJECT TITLE: Manned Reconnaissance System

DESCRIPTION/JUSTIFICATION: The programs in this P-l line are available on a need-to-know-basis.

PROJECTED FINANCIAL PLAN:

	N 97	N 98	N 99
BASIS FOR COST ESTIMATE:			
PROGRAM COST	146,237	166,678	152,113
TOTAL COST	146,237	166,678	152,113

BUDGET ITEM JUSTIFICATION SHEET						DATE February 1998		
APPROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT, AF/ BA 07 AIRCRAFT SUPPORT EQ & FACILITIES					P-1 NOMENCLATURE COMMON ELEC COUNTERMEASURES EQUIPMENT			
	N97	N98	N99	FY00	NO1	NO2	NO3	
QUANTITY								
COST (in thousands)	4,553	4,462	4,963	5,085	5,134	5,330	5,467	

These programs provide for electronic countermeasures and related support equipment which (1) is not directly related to other procurement line items in this appropriation, (2) cannot be reasonably allocated and charged to other procurement line items in this appropriation, and (3) can be managed as separate end items.

P-l Shopping List

DATE: Feb 98

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FY 1999 PRESIDENT'S BUDGET SUBMISSION
MISCELLANEOUS PRODUCTION CHARGES FACT SHEET
(Dollars in Thousands)

PROJECT TITLE: ALQ- 184/ALQ- 13 1

This project supports the acquisition of kits to modify the ALQ-119 into the ALQ-184 and ALQ-13 1 Block II pod configurations to counter terminal and airborne interceptor radar systems.
The N98 and N99 funding provides for software upgrades, ECPs, program support, and product improvement.

PROJECTED FINANCIAL PLAN:

BASIS FOR COST ESTIMATE:

	N 97	N 98	N 99
ALQ-184/ALQ-131	4,553	4,462	4,963
TOTAL, COST	4,553	4,462	4,963