UNITED STATES AIR FORCE

Committee Staff Procurement Backup Book

FY 2009 Budget Estimates



February 2008

AIRCRAFT PROCUREMENT, AIR FORCE VOLUME I

OPR: SAF/FMB

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FY 2009 BUDGET ESTIMATES

FEBRUARY 2008

SECTION 1:

APPROPRIATION LANGUAGE

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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 foregoing purposes, and such lands and interests therein, may be acquired, and construction prosecuted thereon prior to approval of title; reserve plant and Government and contractor-owned equipment layaway; and other expenses necessary for the foregoing purposes including rents and transportation of things, \$12,676,500,000 to remain available for obligations until September 30, 2011.

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FY 2009 BUDGET ESTIMATES

FEBRUARY 2008

SECTION 2:

GLOSSARY/ORGANIZATIONS/TERMS

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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

USA - United States of America

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 in advance of the fiscal year the end item is authorized

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

Target - See Drone

FY 2009 BUDGET ESTIMATES

FEBRUARY 2008

SECTION 3:

3010F AIRCRAFT, EXHIBIT P-1

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DEPARTMENT OF DEFENSE

FY 2009 PROCUREMENT PROGRAM

SUMMARY 25 JAN 2008 (\$ IN MILLIONS)

APPROPRIATION	FY 2007	FY 2008	FY 2009
AIRCRAFT PROCUREMENT, AIR FORCE	15,816.6	11,991.8	12,676.5
PROCUREMENT OF AMMUNITION, AIR FORCE	1,043.6	749.0	894.5
MISSILE PROCUREMENT, AIR FORCE	4,115.1	4,945.4	5,536.7
OTHER PROCUREMENT, AIR FORCE	18,906.9	15,365.1	16,128.4
TOTAL Department of the Air Force	39,882.3	33,051.3	35,236.1

Department of the Air Force

FY 2009 PROCUREMENT PROGRAM

SUMMARY 25 JAN 2008 (\$ IN MILLIONS)

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Department of the Air Force

FY 2009 PROCUREMENT PROGRAM

SUMMARY 25 JAN 2008 (\$ IN MILLIONS)

(7 - 1.1	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE				
ACTIVITY	FY 2007	FY 2008	FY 2009	
01. COMBAT AIRCRAFT	3,986.7	4,967.3	4,864.9	
02. AIRLIFT AIRCRAFT	5,499.4	1,015.5	1,118.3	
03. TRAINER AIRCRAFT	302.5	244.2	33.2	
04. OTHER AIRCRAFT	1,542.2	1,531.4	1,795.5	
05. MODIFICATION OF INSERVICE AIRCRAFT	3,331.7	2,865.0	3,673.8	
06. AIRCRAFT SPARES AND REPAIR PARTS	236.2	254.7	257.0	
07. AIRCRAFT SUPT EQUIPMENT & FACILITIES	917.7	1,113.7	933.8	
TOTAL AIRCRAFT PROCUREMENT, AIR FORCE	15,816.6	11,991.8	12,676.5	

Department of the Air Force FY 2009 PROCUREMENT PROGRAM

APPROPRIATION: 3010F AIRCRAFT PROCUREMENT, AIR FORCE DATE: 25 JAN 2008

	MILLIONS OF DOLLARS								
LINE NO ITEM NO	DMENCLATURE			2007 COST					
			~		~		~		-
BUDGET ACTIVITY (D1: COMBAT AIRCRAFT								
TACTICAL FORCES									
1 F-35 LESS: ADVANCE	E PROCUREMENT (PY)	А	2	(595.5) (-117.4)		(1,383.0) (-93.6)		(1,796.5) (-122.7)	
				478.1		1,289.4		1,673.8	
2 F-35 ADVANCE PROCU	JREMENT (CY) FY 2008) (MEMO)			93.6 (93.6)		122.7		136.9	Ū
(FY 2008 FOR	FY 2009) (MEMO) FY 2010) (MEMO)					(122.7)		(136.9)	
3 F-22A LESS: ADVANCE	E PROCUREMENT (PY)	А	20	(3,248.6) (-529.1)		(3,590.7) (-459.3)		(3,614.2)	
				2,719.5		3,131.4		3,054.2	
(FY 2007 FOR (FY 2007 FOR	JREMENT (CY) FY 2007) (MEMO) FY 2008) (MEMO) FY 2009) (MEMO) FY 2009) (MEMO)			695.5 (100.0) (459.3) (136.2)		423.8			Ū
·	, , ,								
TOTAL COMBAT AIRC				3,986.7		4,967.3		4,864.9	
BUDGET ACTIVITY ()2: AIRLIFT AIRCRAFT 								
TACTICAL AIRLIFT	[
5 C-17A (MYP) LESS: ADVANCE	E PROCUREMENT (PY)	А		(5,448.0) (-1,115.5)		(258.8)			U U
				4,332.5		258.8		367.6	

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EXHIBIT P-1

Department of the Air Force FY 2009 PROCUREMENT PROGRAM

DATE: 25 JAN 2008

APPROPRIATION: 3010F AIRCRAFT PROCUREMENT, AIR FORCE

		MILLIONS OF DOLLARS							
LINE NO	ITEM NOMENCLATURE				FY 2 QUANTITY			009 COST	S E C
OTHER	AIRLIFT								
6 C-1 LES	30J S: ADVANCE PROCUREMENT (PY)	А	14	(1,186.6) (-109.7)	9	(795.3) (-113.9)			U
				1,076.9		681.4			
(FY	30J ANCE PROCUREMENT (CY) 2007 FOR FY 2008) (MEMO) 2009 FOR FY 2010) (MEMO)			90.0 (90.0)				96.0 (96.0)	
	MC-130 RECAP S: ADVANCE PROCUREMENT (PY)	А					6	(582.9) (-75.2)	
								507.7	
ADV (FY	MC-130 RECAP ANCE PROCUREMENT (CY) 2008 FOR FY 2009) (MEMO) 2009 FOR FY 2010) (MEMO)					75.2 (75.2)		80.0	
	X ANCE PROCUREMENT (CY) 2009 FOR FY 2010) (MEMO)							61.7 (61.7)	-
11 JOI	NT CARGO AIRCRAFT	А						5.4	U
TOTAL A	IRLIFT AIRCRAFT			5,499.4		1,015.5		1,118.3	
	ACTIVITY 03: TRAINER AIRCRAFT								
OPERAT	IONAL TRAINERS								
12 JPA	TS	A	48		39	244.2		33.2	U
TOTAL T	RAINER AIRCRAFT			302.5		244.2		33.2	

EXHIBIT P-1

Department of the Air Force FY 2009 PROCUREMENT PROGRAM

EXHIBIT P-1

DATE: 25 JAN 2008

APPROPRIATION: 3010F AIRCRAFT PROCUREMENT, AIR FORCE

	MILLIONS OF DOLLARS							
LINE NO ITEM NOMENCLATURE		QUANTITY	COST	FY 20 QUANTITY	COST	FY 20 QUANTITY		S E C
BUDGET ACTIVITY 04: OTHER AIRCRAFT								
HELICOPTERS								
13 CSAR-X ADVANCE PROCUREMENT (CY) (FY 2009 FOR FY 2010) (MEMO)							15.0 (15.0)	Ū
14 V22 OSPREY LESS: ADVANCE PROCUREMENT (PY)	А	3	(-10.4)		(-20.1)	6	(-29.0)	
			305.5		450.7		409.0	
15 V22 OSPREY ADVANCE PROCUREMENT (CY) (FY 2007 FOR FY 2008) (MEMO) (FY 2007 FOR FY 2010) (MEMO) (FY 2007 FOR FY 2011) (MEMO) (FY 2007 FOR FY 2011) (MEMO) (FY 2007 FOR FY 2012) (MEMO) (FY 2008 FOR FY 2019) (MEMO) (FY 2008 FOR FY 2009) (MEMO) (FY 2008 FOR FY 2010) (MEMO) (FY 2008 FOR FY 2011) (MEMO) (FY 2008 FOR FY 2011) (MEMO) (FY 2008 FOR FY 2011) (MEMO) (FY 2008 FOR FY 2012) (MEMO) (FY 2009 FOR FY 2010) (MEMO)			34.3 (20.1) (4.6) (3.3) (3.0) (3.3)		(24.4) (5.7) (5.2) (5.7)		14.3	Ū
MISSION SUPPORT AIRCRAFT								
16 C-29A FLIGHT INSPECTION ACFT	A					1	31.9	U
17 C-40	A			2	48.3			U
18 CIVIL AIR PATROL A/C	А		10.2		6.2		2.4	U
OTHER AIRCRAFT								
19 TARGET DRONES	А		73.5		77.1		70.6	U

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Department of the Air Force FY 2009 PROCUREMENT PROGRAM

DATE: 25 JAN 2008

APPROPRIATION: 3010F AIRCRAFT PROCUREMENT, AIR FORCE

		MILLIONS OF DOLLARS								
LINE		IDENT		FY 2007		FY 2008		2009	S E	
NO	ITEM NOMENCLATURE		QUANTITY		QUANTITY		QUANTITY	COST	C -	
	GLOBAL HAWK LESS: ADVANCE PROCUREMENT (PY)	A	5	(456.0) (-64.1)		(561.2) (-50.7)		(721.7) (-63.4)		
				391.9		510.5		658.3		
	GLOBAL HAWK ADVANCE PROCUREMENT (CY) (FY 2007 FOR FY 2008) (MEMO)			50.7 (50.7)		63.4		53.8	Ū	
	(FY 2008 FOR FY 2009) (MEMO) (FY 2009 FOR FY 2010) (MEMO)			(222,		(63.4)		(53.8)		
22	MQ-1	A	60	676.1	24	276.1	38	378.7	U	
23	MQ-9				4	58.1	9	161.4	U	
TOTA	L OTHER AIRCRAFT			1,542.2		1,531.4		1,795.5		
BUDG	ET ACTIVITY 05: MODIFICATION OF INSERVICE	AIRCRAF	Т							
STR	ATEGIC AIRCRAFT									
24	B-2A	A		62.7		212.1		330.4	U	
25	B-1B	A		68.8		34.4		71.8	U	
26	B-52	A		55.9		33.1		41.7	U	
27	F-117	A		*					U	
TAC	TICAL AIRCRAFT									
28	A-10	А		276.2		168.0		144.1	U	
29	F-15	А		277.0		58.7		12.3	U	
30	F-16	A		367.9		332.9		273.7	U	
31	F-22A	А		125.5		255.2		327.0	U	

EXHIBIT P-1

Department of the Air Force FY 2009 PROCUREMENT PROGRAM

DATE: 25 JAN 2008

APPROPRIATION: 3010F AIRCRAFT PROCUREMENT, AIR FORCE

47 C-40

		MILLIONS OF DOLLARS						
	LINE	THEM NOMENOLABILDE	IDENT			FY 2009	S E	
	NO 	ITEM NOMENCLATURE		QUANTITY COST	~	QUANTITY COST		
	AIRLIFT A	AIRCRAFT						
	32 C-5 LESS:	ADVANCE PROCUREMENT (PY)	А	(167.1) (-19.7)				
				147.4		485.5		
		CE PROCUREMENT (CY) 007 FOR FY 2008) (MEMO)		55.5 (55.5)	66.2	97.6	Ū	
		008 FOR FY 2009) (MEMO) 009 FOR FY 2010) (MEMO)			(66.2)	(97.6)		
	34 C-17A		А	389.2	180.0	331.5	U	
	35 C-21		А	1.3	.9	11.0	U	
	36 C-32A		А	8.9	1.6	11.4	U	
	37 C-37A		А	112.8	. 4	2.4	U	
	TRAINER	AIRCRAFT						
	38 GLIDE	R MODS	A	.3	.1	.1	U	
	39 T-6		A	6.1	17.0	21.1	U	
	40 T-1		А	. 2	12.9	*	U	
	41 T-38		А	143.1	129.9	59.9	U	
	42 T-43		A	1.0	2.2	2.3	U	
	OTHER AI	RCRAFT						
	43 KC-10	A (ATCA)	A	6.7	1.9	1.9	U	
	44 C-12		А	4.3	.5	.5	U	
	45 C-20 I	MODS	А	.5	.5	1.5	U	
	46 VC-25	A MOD	А	1.0	28.2	60.9	U	

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EXHIBIT P-1

MILLIONS OF DOLLARS

A

90.7

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Department of the Air Force FY 2009 PROCUREMENT PROGRAM

DATE: 25 JAN 2008

APPROPRIATION: 3010F AIRCRAFT PROCUREMENT, AIR FORCE

TOTAL AIRCRAFT SPARES AND REPAIR PARTS

		MILLIONS OF DOLLARS							
LINE NO	ITEM NOMENCLATURE			FY 2008 QUANTITY COST	FY 2009 QUANTITY COST	S E C			
48	C-130	A	448.1	212.6	422.8	U			
49	C130J MODS	А	15.1	61.8	59.4	U			
50	C-135	А	86.2	124.9	134.2	U			
51	COMPASS CALL MODS	А	70.3	45.0	24.6	U			
52	DARP	А	104.3	105.4	107.0	U			
53	E-3	А	66.3	53.8	86.5	U			
54	E-4	А	5.6	19.6	28.1	U			
55	E-8	А	100.5	79.2	30.7	U			
56	H-1	А	40.3	22.0	13.2	U			
57	H-60	А	16.7	117.8	17.3	U			
58	GLOBAL HAWK MODS	А	7.5	25.8	103.9	U			
59	OTHER AIRCRAFT	А	108.5	94.8	151.9	U			
60	MQ-1 MODS	А	57.4	74.2	148.5	U			
61	MQ-9 MODS			20.4	24.6	U			
62	CV-22 MODS	А	1.9	16.4	22.6	U			
TOTA	AL MODIFICATION OF INSERVICE AIRCRAFT		3,331.7						
	ET ACTIVITY 06: AIRCRAFT SPARES AND REPA	AIR PARTS							
AIR	CCRAFT SPARES + REPAIR PARTS								
63	INITIAL SPARES/REPAIR PARTS	A	236.2	254.7 	257.0	U			

254.7

257.0

EXHIBIT P-1

236.2

Department of the Air Force FY 2009 PROCUREMENT PROGRAM

DATE: 25 JAN 2008

APPROPRIATION: 3010F AIRCRAFT PROCUREMENT, AIR FORCE

79 WAR CONSUMABLES

	MILLIONS OF DOLLARS						
LINE NO ITEM NOMENCLATURE		QUANTITY COST	FY 2008 QUANTITY COST	QUANTITY COST			
BUDGET ACTIVITY 07: AIRCRAFT SUPT EQUIPMENT &	FACILIT	IES					
COMMON SUPPORT EQUIPMENT							
64 AIRCRAFT REPLACEMENT SUPPORT EQUIP	A	101.2	100.5	104.9	U		
POST PRODUCTION SUPPORT							
65 B-1	A	10.3			U		
66 B-2A	A	17.7			U		
67 B-2A	A	29.7	34.5	36.8	U		
68 B-52	A	8.0			U		
69 C-5	A		18.2	18.2	U		
70 C-21				19.0	U		
71 C-130	A		19.2		U		
72 EC-130J	A		5.3	5.4	U		
73 F-15	A	10.7	5.6	20.2	U		
74 F-16	A	12.2	19.3	13.6	U		
75 T-6				8.8	U		
76 OTHER AIRCRAFT	A		101.2	48.6	U		
77 T-1	A		14.8		U		
INDUSTRIAL PREPAREDNESS							
78 INDUSTRIAL RESPONSIVENESS	A	23.1	23.8	24.4	U		
WAR CONSUMABLES							

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17.7 80.6 U

EXHIBIT P-1

25.0

Α

Department of the Air Force FY 2009 PROCUREMENT PROGRAM

DATE: 25 JAN 2008

APPROPRIATION: 3010F AIRCRAFT PROCUREMENT, AIR FORCE

MILLIONS	OF	DOLLARS	

EXHIBIT P-1

LINE		IDENT	EV 2007	EV 2008	FY 2009	S E
NO	ITEM NOMENCLATURE			QUANTITY COST		
						-
OTHER PF	RODUCTION CHARGES					
80 OTHER	PRODUCTION CHARGES	А	577.4	717.7	521.4	U
81 DEPOT	MODERNIZATION	А	66.3			U
CLASSIFI	ED PROGRAMS					
82 CLASS	SIFIED PROGRAMS	А				
83 SPECI	CAL PROGRAMS	А				
84 OTHER	SPECIAL PROGRAMS	А				
OTHER PR	RODUCTION CHARGES - SOF					
85 CANCE	CLLED ACCT ADJUSTMENTS	А	.4			U
DARP						
86 DARP		А	27.2	27.7	21.0	U
TOTAL AIR	RCRAFT SUPT EQUIPMENT & FACILITIES		917.7	1,113.7	933.8	
TOTAL AIF	CCRAFT PROCUREMENT, AIR FORCE		15,816.6	11,991.8	12,676.5	

PAGE F-10

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FY 2009 BUDGET ESTIMATES

FEBRUARY 2008

SECTION 4:

P-1 LINE ITEM DETAIL

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FY 2009 BUDGET ESTIMATES BUDGET ACTIVITY 01 – COMBAT AIRCRAFT FEBRUARY 2008

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UNCLASSIFIED

In accordance with the President's Management Agenda, Budget and Performance Integration initiative, these programs have been assessed using the Program Assessment Rating Tool (PART). Remarks regarding program performance and plans for performance improvement can be located at the Expectmore.gov website.

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Exhibit P-40, Budget Item Justific	ation							D	ate: Februar	y 2008	
Appropriation (Treasury) Code/CC/BA/BS/	A/Item Control N	Number					P-1 Line	Item Nomencla	ature		
Aircraft Procurement, Air F	orce, Bud	get Activity	01, Com	bat Aircra	ft, Item No	o. 1	F-35				
Program Element for Code B Items:		N/A			Other Relate	d Program Ele	ements:		0604800F		
	ID Code	Prior Years	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Comp	Total

Program Element for Code B Items:		N/A			Other Relate	d Program Ele	ements:		0604800F		
	ID Code	Prior Years	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Comp	Total
Proc Qty	A		2	6	8	12	24	42	48	1,621	1,763
Cost (\$ M)			478.072	1289.393	1673.787	2083.986	2929.838	4150.646	4336.534	129302.019	146244.275
Advance Proc Cost (\$ M)			93.622	122.704	136.904	231.764	358.194	365.977	468.838	11201.538	12979.541
Weapon System Cost (\$ M)		0.000	571.694	1412.097	1810.691	2315.750	3288.032	4516.623	4805.372	140503.557	159223.816
Initial Spares (\$ M)			76.067	37.039	85.693	121.548	226.789	355.420	372.760	11239.842	12515.158
Total Proc Cost (\$ M)		0.000	647.761	1449.136	1896.384	2437.298	3514.821	4872.043	5178.132	151743.399	171738.974
Flyaway Unit Cost (\$ M)			247.450	215.035	199.489	158.546	124.580	101.726	91.223	79.973	83.131
Wpn Sys Unit Cost (\$ M)			285.847	235.350	226.336	192.979	137.001	107.539	100.112	86.677	90.314

Description

The Joint Strike Fighter program will develop and field a family of aircraft that meets the needs of the USN with the Carrier Variant (CV), the USAF with the Conventional Take Off and Landing (CTOL) variant, the USMC with the Short Take-Off and Vertical Landing (STOVL) variant, and allies, with optimum commonality among the variants to minimize life cycle costs. This is a joint program with no executive service. Service Acquisition Executive (SAE) authority alternates between the Department of the Navy (DoN) and the Department of the Air Force (DoAF) and currently resides with the Navy. The F-35 is the next generation strike fighter which will increase aero performance, stealth signature and countermeasures. Its advanced avionics, data links and adverse weather precision targeting will incorporate the latest technology available. The F-35 has increased range with internal fuel and includes superior weaponry over existing aircraft. The highly supportable, affordable, state-of-the-art aircraft commands and maintains global air superiority. The production cost and quantities are interdependent due to one manufacturer for the program. Navy procurement begins in FY08 with Long-Lead in FY07.

This program has associated Research Development Test and Evaluation (RDT&E) funding in PE 64800F.

FY2008 funding totals do not include \$230M FY08 GWOT requirements still pending Congressional consideration.

FY 2009 Program Justification

USAF funding supports procurement of 8 CTOL aircraft and advanced procurement for 12 CTOL aircraft.

P-1 Shopping List Item No. 1

Budget Item Justification Exhibit P-40, page 1 of 7

Exhibit P-5, weapon System Cost Analysis							Date	e: February	2008	
Appropriation (Treasury) Code/CC/BA/BSA/Item Control	Number					P-1 Line Ite	em Nomenclatui	re		
Aircraft Procurement, Air Force, Bud	dget Activity 01	I, Combai	t Aircraft,	Item No. 1	1	F-35				
Manufacturer's Name/Plant City/State Location	, <u> </u>			Subline Item	_			_		
Lockheed Martin/Ft Worth TX	•						-		-	
Weapon System	Ident			1	Total Co	st in Millions o	of Dollars			
Cost Elements	Code		FY 2007			FY 2008		•	FY 2009	
I		T T		Total			Total		1	Total
		Qty	Unit Cost	Cost	Qty	Unit Cost	Cost	Qty	Unit Cost	Cost
Airframe/CFE	A	2			6		719.244	8		797.344
CFE Electronics	A	2	48.006	96.011	6	36.703	220.218	8	32.034	256.268
GFE Electronics	A									
Engines/Eng ACC	A	2	15.872	31.744	6	5 13.484	80.906	8	12.524	100.195
Armament	Ā									
ECO (Flyaway)	A	2	16.273		6	9.799	58.795	8	5.644	45.150
Subtotal Recurring Flyaway				459.200			1079.162			1198.957
Non-Recurring Cost	A	<u> </u>		25.622			188.611			370.698
Ancillary Equip	В			10.078			22.437			26.260
Subtotal Non-Recurring Flyaway				35.701			211.048			396.958
Airframe PGSE	В			0.000			21.227			24.389
Engine PGSE	В			0.000			3.270			2.595
Avionics PGSE	В			0.000			5.773			7.075
Peculiar Training Equipment	В			0.000			35.548			69.698
Pubs/Tech Data	В			5.487			9.639			10.493
Other ILS	В	<u> </u>		4.616			1.048			15.209
Facilities Management	В			0.000			0.000			0.000
Field Activities	В			0.000			0.000			0.000
Production Eng Support	В			90.515			16.301			71.117
Subtotal Support Cost				100.618			92.805			200.576
Gross P-1 Cost				595.519			1383.015			1796.491
Advance Procurement Credit	A	<u> </u>		-117.447			-93.622			-122.704
Net P-1 Cost				478.072			1289.393			1673.787
Advance Procurement	A			93.622			122.704			136.904
Weapon System Cost				571.694			1412.097			1810.691
Initial Spares				76.077			37.039			85.693
TOTAL PROGRAM				571.694			1412.097			1810.691
Comments										

NOTE: 1) Total Program does not include Initial Spares. Initial Spares added in total on P-40.

P-1 Shopping List Item No. 1

Weapon System Cost Analysis Exhibit P-5, page 2 of 7

²⁾ Nonrecurring Costs includes funding for Diminishing Manufacturing Sources (DMS) necessary to protect JSF delivery schedule.

³⁾ Procurement and Spares Cost to Complete is based on SAR-06 cost model and will be updated again when SAR-07 numbers are released in April 2008.

xhibit P-5A, Procurement His	-	_						Da	te: February	/ 2008	
Appropriation (Treasury) Code/CC/BA/	BSA/Iter	n Control Num	ber				P-1	Line Item Nomenclat	ure		
Aircraft Procurement, Aiı	Forc	e, Budge	t Activity	01, Comb	oat Aircra	ft, Item No	o. 1 F-3	35			
Weapon System					Subline Iter	n					
SF											
			Location of	RFP Issue	Contract	Contract			Date of First	Specs Available	Date Revision
WBS Cost Elements	Qty	Unit Cost	PCO	Date	Method	Type	Contractor and Loca	tion Award Date	Delivery	Now?	Available?
Lockheed Martin (FY07)	2	210.111	Arlington, VA	Mar-07	SS	CPIF/AF	Lockheed Martin, Ft Worth, TX	Jul-07	Jan-10	Yes	
Pratt & Whitney (FY07)	2	12.742	Arlington, VA	Feb-06	SS	CPIF/AF	Pratt & Whitney, Ea Hartford, CT		Jun-09	Yes	
Lockheed Martin (FY08)	6	170.648	Arlington, VA	Feb-07	SS	CPIF/AF	Lockheed Martin, Ft Worth, TX	Mar-08	Apr-10	Yes	
Pratt & Whitney (FY08)	6	12.131	Arlington, VA	Feb-07	SS	CPIF/AF	Pratt & Whitney, Ear Hartford, CT	st Jun-08	Oct-09	Yes	
Lockheed Martin (FY09)	8	142.477	Arlington, VA	Feb-08	SS	CPIF/AF	Lockheed Martin, Ft Worth, TX	Mar-09	Mar-11	Yes	
Pratt & Whitney (FY09)	8	11.269	Arlington, VA	Feb-08	SS	CPIF/AF	Pratt & Whitney, Ear Hartford, CT	st Jan-09	Jun-10	Yes	
Lockheed Martin (FY10)	12	120.480	Arlington, VA	Feb-09	SS	CPIF/AF	Lockheed Martin, Ft Worth, TX	Jan-10	Jan-12	Yes	
Pratt & Whitney (FY10)	12	10.535	Arlington, VA	Feb-09	SS	CPIF/AF	Pratt & Whitney, Ear Hartford, CT	st Jan-10	Apr-11	Yes	
Lockheed Martin (FY11)	24	106.583	Arlington, VA	Feb-10	SS	CPIF/AF	Lockheed Martin, Ft Worth, TX	Jan-11	Jan-13	Yes	
Pratt & Whitney (FY11)	24	9.991	Arlington, VA	Feb-10	SS	CPIF/AF	Pratt & Whitney, Ea Hartford, CT	st Jan-11	Apr-12	Yes	
Lockheed Martin (FY12)	42	89.805	Arlington, VA	Feb-11	SS	CPIF/AF	Lockheed Martin, Ft Worth, TX	Jan-12	Jan-14	Yes	
Pratt & Whitney (FY12)	42	9.246	Arlington, VA	Feb-11	SS	CPIF/AF	Pratt & Whitney, Ea Hartford, CT	st Jan-12	Apr-13	Yes	
Lockheed Martin (FY13)	48		Arlington, VA	Feb-12	SS	CPIF/AF	Lockheed Martin, Ft Worth, TX	Jan-13	Jan-15	Yes	
Pratt & Whitney (FY13)	48	8.967	Arlington, VA	Feb-12	SS	CPIF/AF	Pratt & Whitney, Ea Hartford, CT	st Jan-13	Apr-14	Yes	
Remarks_											
				P-1 Shop	ping List Iter	m No. 1		Pro		listory and bit P-5A, pa	

Exhibit P-21, Production	n Sched	ule																			D	ate: l	Febru	uary 2	2008				
Appropriation (Treasury) Code	e/CC/BA/E	3SA/Item C	Control Nu	ımber													P-	-1 Lin	e Iten	n Nom	nencla	ature							
Aircraft Procureme	nt, Air	Force,	Budg	et Acti	ivity	01,	Co	mba	at Ai	ircra	aft,	lten	ı No). 1			F	-35											
	S	ppog	ACCEP. PRIOR	BALANCE DUE		2005			FIS	CAL Y	EAR 2		ENDAR	R YEAR	2006						FIS		EAR 20 ALEND	007 OAR YE	AR 200)7			L A
PROCUREMENT YEAR	E R V	PROC. QTY	TO 1 OCT 2005	AS OF 1 OCT 2005	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	T E R
2007	USAF	2	0	2																									2
2008	USAF	6	0	6																									6
2009	USAF	8	0	8																									8
2010	USAF	12	0	12	:																								12
2011	USAF USAF	24 42	0	24 42																									42
2012	USAF	42	0	42	_																								42
TOTAL	USAF	142	0																										142
1017/12		172	0	172	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	142
				PRODUCT	TION R	ATES	•						PRO	CURE	MENT	LEAD ⁻	ГІМЕ					•		•		•			
				MIN SUST	SHIF		M A							AD LEAD	MIN TIME			MFG			TOTAL								
ITEM/MANUFACTURER'S NAME		LOCATION			DAYS	3	Х											TIME			AFTER								
Lockheed Martin		Ft Worth TX		6	2/8/5		16							IOR OCT	AFT 1 C						1 OCT	•							
								INITIA REOR						7		6			36			42							
REMARKS																													

P-1 Shopping List Item No. 1

Production Schedule Exhibit P-21, page 4 of 7

Exhibit P-21, Productio	n Sched	ule																			D	ate: l	Febru	uary	2008	3			
Appropriation (Treasury) Cod						. 04	<u></u>	mbe	.4 A:		-£1	lton	a Nia	. 1				-1 Lin	e Iten	n Nom	nencla	ature							
Aircraft Procureme	siit, Air	rorce,	ACCEP.	BALANCE		01,	CO	IIIDa		CAL Y			II INC). I			<u> r</u> 	-33			FIS	CAL Y	EAR 2	009					L
PROCUREMENT YEAR	E R V	PROC. QTY	PRIOR TO 1 OCT	DUE AS OF 1 OCT	O C	2007 N O	D E	J A	F E	M A	A P	M A	J U	J U	A U	S E	O C	N O	D E	J A	F E	M A	A P	M A	J U	09 U	A U	S E	A T E
2007	USAF	2	2007	2007	T	V	С	N	В	R	R	Y	N	L	G	P	Т	V	С	N	В	R	R	Y	N	L	G	P	R 2
2008	USAF USAF	6 8	0	6 8																									6 8
2010 2011	USAF USAF	12 24	0	12 24																									12
2012	USAF	42	0	42																									42
TOTAL 2013	USAF	48 142	0	48 142																							igspace		142
					0 C T	N O V	DEC	ZYC	F E B	M A R	A P R	M A Y	N O C	JUL	A U G	SEP	чоо	N 0 >	υшс	J A N	F E B	M A R	A P R	M A Y	ZOL	JUL	O C >	чπо	
				PRODUCT									PRO		MENT	LEAD :	ТІМЕ												
ITEM/MANUFACTURER'S NAME		LOCATION		MIN SUST	SHIF HOUI DAYS	RS	M A X								MIN TIME			MFG			TOTAL AFTER								
Lockheed Martin		Ft Worth TX		6	2/8/5	,	16							IOR OCT	AFT 1 C			TIME			1 OCT								
								INITIA REOR						7		6			36			42							
REMARKS		•																		ı									

P-1 Shopping List Item No. 1

Production Schedule Exhibit P-21, page 5 of 7

Exh	ibit P-21, Productio	n Sched	lule																			D	ate: I	Febru	uary 2	2008				
Appr	opriation (Treasury) Cod	e/CC/BA/I	BSA/Item (Control No	umber													Р	-1 Lin	e Iten	n Nom	nencla	ature							
Air	craft Procureme	ent, Air	Force,	, Budg	jet Acti	vity	01,	Co	mba	at A	ircr	aft,	lten	n No	o. 1			F	-35											
		S	PROC.	ACCEP. PRIOR	BALANCE DUE		2009			FIS	SCAL Y	EAR 2		ENDAF	R YEAR	2010						FIS	CAL Y		011 OAR YE	EAR 20	11			L A
	PROCUREMENT YEAR	R V	QTY	TO 1 OCT 2009	AS OF 1 OCT 2009	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	T E R
	2007	USAF	2	(2				1	1																				0
	2008	USAF	6	0) 6							1	1	1	1	1	1						1		1		1	<u> </u>	ļ	0
	2009 2010	USAF USAF	12	0	8																		1		1		1	1	₩	12
	2011	USAF	24	0	24																							<u> </u>	 	24
	2012	USAF	42	C	42																									42
	2013	USAF	48	0	48																									48
TOTA	ıL_		142	(142				1	1		1	1	1	1	1	1						1		1		1	1		130
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	N U	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	U U	A U G	S E P	
					PRODUCT	ION R	ATES							PRC	CURE	MENT	LEAD	TIME										-		
ITEN 4	/MAANUUEA OTU DEDIO MAME		LOCATION		SUST	SHIF	RS	M A								MIN TIME			MFG			TOTAL								
	MANUFACTURER'S NAME eed Martin		LOCATION Ft Worth TX			DAYS 2/8/5	5	X 16						DD	IOR	AF	TED .	-	TIME			AFTEF 1 OCT								
LOCKII	eed Martin		rt worth 12	Λ	0	2/8/3		10							OCT		OCT					1001								
									INITIA REOF						7		6			36			42							
REMA	ARKS		1					1	INLOI	CLIN						1								1						

P-1 Shopping List Item No. 1

Production Schedule Exhibit P-21, page 6 of 7

Exhibit P-21, Production Scheen	dule																			D	ate: l	-ebru	uary 2	2008				
Appropriation (Treasury) Code/CC/BAA Aircraft Procurement, Ai				ivitv	, 0 1	Co	mba	at Δi	ircr	aft	lton	n Na	· 1				-1 Lin	e Item	n Nom	nencla	ature							
PROCUREMENT YEAR R V	PROC. QTY	ACCEP. PRIOR TO 1 OCT 2011	BALANCE DUE AS OF 1 OCT 2011		2011 N O	D E C	J A N		CAL Y M A R		012		YEAR J U	A U G	S E P	O C T	N O V	D E C	J A N	FIS F E B		EAR 2 ALEND A P R	DAR YE	AR 20: J U N	13 U	A U G	S E P	L A T E
2007 USAF 2008 USAF	2	2011	0	1			-11	Б	IX.		•	-,	L		-	•	•		-,		K		1	-11	L	Ü	-	0
2009 USAF 2010 USAF	8	4	4	2	1	1	1	1	1	1	1	1	1	1	2	2												0
2011 USAF 2012 USAF	24	0	24				1	,	1		1		1						1	1	2	2	2	2	2	2	2	8
2013 USAF	48	0	48	;	1	1	1	1	1	1	1		1	1	2	2			1	1	2		2	2	2	2	2	48
TOTAL	142	12	130	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	98
ITEM/MANUFACTURER'S NAME	LOCATION	I	PRODUCT MIN SUST	SHIF HOUF DAYS	T RS	M A X					•	PRC	AD	MENT MIN TIME	LEAD 1		MFG			TOTAL								
Lockheed Martin	Ft Worth TX		6	2/8/5	-	16							IOR OCT	AFT 1 C			TIME			1 OCT								
							INITIA REOR						7		6			36			42							
REMARKS		•	•	•	•	•			•	•	•	•	•	•			•	•	•	•	•	•	•	•	•	•	•	

P-1 Shopping List Item No. 1

Production Schedule Exhibit P-21, page 7 of 7

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Exhibit P-40, Budget Item Justific	cation							D	ate: Februar	y 2008	
Appropriation (Treasury) Code/CC/BA/BS	A/Item Control	Number					P-1 Line	Item Nomencla	ature		
Aircraft Procurement, Air F	Force, Bud	dget Activity	01, Coml	oat Aircra	ft, Item No	o. 2	F-35 A	Advance F	Procuremo	ent	
Program Element for Code B Items:		N/A			Other Relate	d Program Ele	ements:		0604800F		
	ID Code	Prior Years	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Comp	Total
Proc Qty	A										0
Cost (\$ M)											0.000
Advance Proc Cost (\$ M)			93.622	122.704	136.904	231.764	358.194	365.977	468.838	11317.317	13095.320
Weapon System Cost (\$ M)		0.000	93.622	122.704	136.904	231.764	358.194	365.977	468.838	11317.317	13095.320
Initial Spares (\$ M)											0.000
Total Proc Cost (\$ M)		0.000	93.622	122.704	136.904	231.764	358.194	365.977	468.838	11317.317	13095.320
Flyaway Unit Cost (\$ M)											
Wpn Sys Unit Cost (\$ M)											

Description

The Joint Strike Fighter program will develop and field a family of aircraft that meets the needs of the USN, USAF, and USMC, and allies, with optimum commonality among the variants to minimize life cycle costs. This is a joint program with no executive service. Service Acquisition Executive (SAE) authority alternates between the Department of the Navy and the Department of the Air Force and currently resides with the Navy. The production cost and quantities are interdependent due to one manufacturer for the program. The DoN procurement begins in FY08; advance procurement began in FY07.

FY 2009 Program Justification

USAF procurement in FY2009 provides full funding for 8 CTOL aircraft and advanced procurement funding for 12 CTOL aircraft.

P-1 Shopping List Item No. 2

Budget Item Justification Exhibit P-40, page 1 of 3

Exhibit P-10 p.1, Advance P (Page 1 - Funding)	rocuremen ^e	t Requireme	nts Analysis	5					Dat	te: February	2008	
Appropriation (Treasury) Code/CC/	/BA/BSA/Item	Control Numbe	er					P-1 Line It€	em Nomenclatu	ure		
Aircraft Procurement,				, Combat	Aircraft,	Item No.	2			ocuremer	nt	!
Weapon System						First System A	ward Date			First System C	Completion Date	ie
JSF_AP							Mar-	-07			Sep-09	
					(\$ in Million							
<u>Description</u>	<u>PLT</u>	When Rqd	Prior Years	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Comp	<u>Total</u>
End Item Qty				2	6	8	12	24	42	48	1621	1763
						·	·					
CEE				02.622	122.704	126,004	221.764	250 104	265.077	460,020	11017 017	12005 220
CFE			<u> </u>	93.622	122.704	136.904	231.764	358.194	365.977	468.838	11317.317	13095.320
GFE												0.000
								.—————			.—————	
EOQ												0.000
Design												0.000
Term Liability				,	,							0.000
												0.000
TOTAL AP			0.000	93.622	122.704	136.904	231.764	358.194	365.977	468.838	11317.317	13095.320
<u>Description</u>						15						

CFE represents required funding for Contractor Furnished Equipment (CFE) for both Air Vehicle and Engines to include termination liability.

P-1 Shopping List Item No. 2

Advance Procurement Requirements Analysis (Page 1 - Funding) Exhibit P-10 p.1, page 2 of 3

				UNC	LASSIFI	ED						
Exhibit P-10 p.2, Advance (Page 2 - Budget Justifica		uirements A	Analysis						Date	: February :	2008	
Appropriation (Treasury) Code/C	CC/BA/BSA/Item Contr	ol Number						P-1 Line Item	Nomenclature	Э		
Aircraft Procurement	t, Air Force, Bu	ıdget Acti [,]	vity 01, Cc	ombat Air	craft, Ite	m No. 2		F-35 Adv	ance Pro	curemer	nt	
Weapon System												
JSF_AP												
				(TOA	, \$ in Million	ns)						
					2007 Contract Forecast	2007 Total Cost		2008 Contract Forecast	2008 Total Cost		2009 Contract Forecast	2009 Total Cost
Description	<u>PLT</u>	<u>QPA</u>	<u>Unit Cost</u>	2007 QTY	<u>Date</u>	Request	2008 QTY	<u>Date</u>	Request	2009 QTY	<u>Date</u>	Request
End Item												
CFE				2	Mar-07	93.622	6	Mar-08	122.704	8	Jan-09	136.904
GFE			+	+		75.022			1221701		+	12000
	-						I.	· L				
EOQ			T									
Design												
Term Liability												
TOTAL AP						93.622			122.704			136.904
<u>Description</u>												

P-1 Shopping List Item No. 2

Advance Procurement Requirements Analysis (Page 2 - Budget Justification) Exhibit P-10 p.2, page 3 of 3

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Exhibit P-40, Budget Item Justifi	cation							D	ate: Februar	y 2008	
Appropriation (Treasury) Code/CC/BA/BS	SA/Item Control	Number					P-1 Line	Item Nomencla	ature		
Aircraft Procurement, Air I	Force, Bu	dget Activity	01, Coml	bat Aircra	ft, Item No	o. 3	F-22 (Raptor)			
Program Element for Code B Items:		27219F			Other Relate	d Program Ele	ments:		PE 27138F,	64239F	
	ID Code	Prior Years	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Comp	Total
Proc Qty	A	115	20	20	20					0	175
Cost (\$ M)		19267.050	2719.503	3131.378	3054.197	42.306	42.006			0.000	28256.440
Interim Ctr Support (\$ M)		0.000								0.000	0.000
Advance Proc Cost (\$ M)		3758.945	695.541	423.783						0.000	4878.269
Weapon System Cost (\$ M)		23025.995	3415.044	3555.161	3054.197	42.306	42.006	0.000	0.000	0.000	33134.709
Initial Spares (\$ M)		22.884	0.000	0.000	0.000	0.000	0.000			0.000	22.884
Total Proc Cost (\$ M)		23048.879	3415.044	3555.161	3054.197	42.306	42.006	0.000	0.000	0.000	33157.593
Flyaway Unit Cost (\$ M)		161.592	136.826	137.467	146.388	0.000	0.000			0.000	154.267
Wpn Sys Unit Cost (\$ M)		200.226	170.752	177.758	152.710	0.000	0.000			0.000	189.341

Description

The F-22A Raptor represents the USAF's top priority for providing the Joint Force with air dominance, operational access, homeland and cruise missile defense for the next 20+ years. The F-22A is a first-of-a-kind multi-mission fighter aircraft that combines stealth, supercruise, advanced maneuverability and integrated avionics to make it the world's most capable combat aircraft.

Consistent with 10 U.S.C. 2306b and the DOD Financial Management Regulation, the Air Force was granted OSD(C) approval to structure the multiyear procurement for Lots 7-9 with an unfunded cancellation ceiling. The cancellation ceiling amounts are \$431M for Lot 8 (FY08) and \$398M for Lot 9 (FY09). In the event the multiyear contract is cancelled, Air Staff will submit the required reprogramming actions for Congressional approval to ensure the actual cancellation cost is fully funded.

Current Fiscal Year 2009 PB supports a 183 aircraft procurement profile. (Note: 183 total includes 6 Production Representative Test Vehicle (PRTV) II aircraft, 175 production aircraft, and 2 previously procured EMD aircraft funded in RDT&E.

Procurement funding is budgeted in FY10 and FY11 to complete the procurement of equipment for operational locations (i.e. equipment, support, etc.) and other necessary expenses to deliver the MYP aircraft.

The flyaway cost listed above includes cost from both aircraft procurement appropriation and inline modernization funding. It does not include costs associated with Other Useful Loads or Munitions.

Production Modernization funding is included in the Cost Line in FY06 and prior. This funding is broken out separately on the P-5, Weapons System Cost Analysis (next page). These funds are not counted against the F-22A Production Cap. F-22A Production Modernization provided for capability upgrades and associated support efforts which were not included in the baseline production program for Lot 6 and prior.

Initial spares are included in the weapon system cost line (except FY99). Prior to FY08, the F-22A program budgeted and contracted for initial spares as part of overall initial support material capability within theair vehicle and engine production contracts The program plans to coninue to procure material capability via the Follow-On Agile Sustainment to the Raptor (FASTeR) and Sustainment Program for the Raptor Engine (SPaRE) contracts in FY08 and FY09; however, the program will also procure specific initial spares in FY08 and FY09 to achieve additional savings as part of the MYP program.

P-1 Shopping List Item No. 3

Budget Item Justification Exhibit P-40, page 1 of 9

UNCLASSIFIED	
Exhibit P-40, Budget Item Justification	Date: February 2008
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number	P-1 Line Item Nomenclature
Aircraft Procurement, Air Force, Budget Activity 01, Combat Aircraft, Item No. 3	F-22 (Raptor)
FY 2009 Program Justification	
The FY09 budget supports the procurement of Lot 9 aircraft, which is the last lot in the program of record. This is also the t	hird and final lot of the MYP contract.
P-1 Shopping List Item No. 3	Budget Item Justification
1 1 Onopping List Rem No. 5	Exhibit P-40, page 2 of 9

Exhibit P-5, Weapon System Cost Analysis							Dat	te: February	2008	
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Nu	mber					P-1 Line Ite	em Nomenclatu	ıre		
Aircraft Procurement, Air Force, Budge	et Activity 01	I, Combat	، Aircraft,	Item No. 3	3	F-22 (R	aptor)			
Manufacturer's Name/Plant City/State Location				Subline Item						
Weapon System	Ident				Total Cos	t in Millions o	of Dollars			
Cost Elements	Code		FY 2007			FY 2008			FY 2009	
	'		·	Total			Total		1	Total
	'	Qty	Unit Cost	Cost	Qty	Unit Cost	Cost	Qty	Unit Cost	Cost
Airframes/CFE	A	20	84.294	1685.888	20	84.716	1694.314	20	91.084	1821.673
Engine Accessories (shipset)	A	20	19.678	393.560	20	20.454	409.079	20	20.878	417.561
Avionics	A	20	28.020	560.396	20	28.218	564.355	20	30.340	606.808
Nonrecurring Costs	1	ı	1	96.685			81.594			81.726
FLYAWAY COST SUBTOTAL	'		ı '	2736.529			2749.342		ı –	2927.768
Less: Prior Year Adv Procurement	1	ı	1	-450.959			-489.621			-607.883
Plus: Current Year Adv Procurement	A		ı '	695.541			423.783		ı –	0.000
Other	A	ı	1	43.179			52.330			52.976
Production Support - Other (PSO)	A		ı '	115.091			261.920		ı –	153.742
FASTeR / PALS	A	ı	1	227.473			375.555			266.924
SUBTOTAL Air Vehicle Support	'		ı '	630.325			623.967		ı –	-134.241
Engine Support (SPARE)	A	ı	1	48.190			181.852			260.670
Modernization BP10	A		ı '						ı –	
SUPPORT COST SUBTOTAL	1	ı	1	48.190			181.852			260.670
TOTAL PROGRAM			1	3415.044			3555.161			3054.197
Comments					•	•		•	•	

Nonrecurring costs includes, but is not limited to, the nonrecurring engineering and production costs associated with F-22A Diminishing Manufacturing Sources (DMS) issues as well as correction of air vehicle deficiencies caused by the concurrent development and production phases of the F-22A program. DMS costs include funding to protect production viability beyond the current program of record.

Unit cost for the engine differs from the P-5A because the P-5 uses the aircraft 'shipset' quantity (2 engines) to determine unit cost and the P-5A uses the engine quantity (1 engine).

P-1 Shopping List Item No. 3

Weapon System Cost Analysis Exhibit P-5, page 3 of 9

Appropriation (Treasury) Code/CC/BA Aircraft Procurement, A				01, Comk	oat Aircra	ft, Item No		tem Nomenclate	ure		
Weapon System					Subline Iter	n	•				
F-22											
WBS Cost Elements	Qty		Location of PCO	RFP Issue Date	Contract Method	Contract Type	Contractor and Location	Award Date	Date of First Delivery	Specs Available Now?	Date Revision Available?
Lockheed Martin Corp	2	256 668	ASC/YF	Jan-98	SS	FFP	Lockheed Martin	Dec-98	Oct-02	Yes	
Lockheed Martin Corp	10		ASC/YF	May-99	SS	FFP	Lockheed Martin	Sep-01	Sep-03	Yes	
Lockheed Martin Corp	13	<u> </u>	ASC/YF	Apr-00	SS	FFP	Lockheed Martin	Jan-02	Jul-04	Yes	
Lockheed Martin Corp	21		ASC/YF	Oct-01	SS	FFP	Lockheed Martin	Apr-03	May-05	Yes	+
Lockheed Martin Corp	22		ASC/YF	Jul-02	SS	FFP	Lockheed Martin	Jun-04	Feb-06	Yes	†
Lockheed Martin Corp	24		ASC/YF	Jul-03	SS	FFP	Lockheed Martin	Nov-05	Nov-06	Yes	
Lockheed Martin Corp	23	110.955	ASC/YF	Oct-05	SS	FFP	Lockheed Martin	Nov-06	Dec-07	Yes	
Lockheed Martin Corp	20	112.314	ASC/YF	May-06	SS	FFP	Lockheed Martin	Jul-07	Nov-08	Yes	1
Lockheed Martin Corp	20	112.933	ASC/YF	May-06	SS	FFP	Lockheed Martin	Oct-07	Dec-09	Yes	
Lockheed Martin Corp	20	121.424	ASC/YF	May-06	SS	FFP	Lockheed Martin	Oct-08	Jan-11	Yes	
Pratt & Whitney	4	14.125	ASC/YF	Dec-97	SS	FFP	Pratt & Whitney	Dec-98	Feb-01	Yes	
Pratt & Whitney	20	10.853	ASC/YF	Jan-99	SS	FFP	Pratt & Whitney	Sep-01	Mar-02	Yes	
Pratt & Whitney	26	10.547	ASC/YF	May-00	SS	FFP	Pratt & Whitney	Jan-02	Mar-03	Yes	
Pratt & Whitney	42	10.630	ASC/YF	Nov-01	SS	FFP	Pratt & Whitney	Apr-03	Feb-04	Yes	
Pratt & Whitney	44		ASC/YF	Aug-02	SS	FFP	Pratt & Whitney	Jun-04	Feb-05	Yes	
Pratt & Whitney	48		ASC/YF	Aug-03	SS	FFP	Pratt & Whitney	Apr-05	Mar-06	Yes	
Pratt & Whitney	46		ASC/YF	Oct-05	SS	FFP	Pratt & Whitney	Apr-06	Mar-07	Yes	
Pratt & Whitney	40		ASC/YF	Oct-06	SS	FFP	Pratt & Whitney	Jul-07	Jan-08	Yes	
Pratt & Whitney	40		ASC/YF	Oct-06	SS	FFP	Pratt & Whitney	Oct-07	Feb-09	Yes	
Pratt & Whitney	40	10.439	ASC/YF	Oct-06	SS	FFP	Pratt & Whitney	Oct-08	Feb-10	Yes	

Remarks

Unit cost for the engine differs from the P-5 because the P-5 uses the aircraft 'shipset' quantity (2 engines) to determine unit cost and the P-5A uses the engine quantity (1 engine).

Unit cost is for airframe and avionics costs, but does not include non-recurring cost.

Exhibit P-5A, Procurement History and Planning

Specs are available, however, the technical data package is a 'deferred delivery' option and is currently maintained by the contractor.

P-1 Shopping List Item No. 3

Procurement History and Planning Exhibit P-5A, page 4 of 9

Date: February 2008

Ext	nibit P-21, Productio	n Sched	lule																			D	ate: I	Febr	uary	2008				
App	ropriation (Treasury) Cod	le/CC/BA/I	BSA/Item (Control No	umber													Р	-1 Lin	e Iten	n Nom	nencla	ature							
Aiı	craft Procureme	ent, Air	Force,	, Budg	et Acti	vity	0 1,	Co	mba	at A	ircr	aft,	lten	n No	o. 3			F	-22	(Ra	pto	r)								
		S		ACCEP.	BALANCE					FIS	SCAL Y	EAR 20										FIS	SCAL Y							L
		E	PROC.	PRIOR	DUE		2002						CALI	ENDAR	YEAR	2003							C	ALENI	OAR YI	EAR 200)4			Α
	PROCUREMENT YEAR	R	OTY	TO	AS OF	0	N	D	J	F	M	Α	M	J	J	Α	S	О	N	D	J	F	M	Α	M	J	J	Α	S	T
		V		1 OCT 2002	1 OCT 2002	С	O V	E C	A N	E B	A R	P R	A Y	U N	U	U G	E P	C	O V	E C	A N	E B	A R	P R	A Y	U N	U	U G	E P	E R
	1999	USAF	2	2002	2002	1	1		11	В	K	K	1	-11	L	G	1		•		11	В	IX	IX	1	11	L	0	1	0
	2000	USAF	0	0	0																									0
	2001	USAF	10	0	10												1		1	2		2		2	1	1				0
	2002	USAF	13	0	13																						1	1		11
	2003	USAF	21	0	21							Awar d																		21
	2004	USAF	22	0	22																					Awar d				22
	2005	USAF	24	0	24																							l l		24
	2006	USAF	23	0	23																									23
	2007	USAF	20		20																									20
	2008	USAF	20		20																							<u> </u>		20
	2009	USAF	20		20																							<u> </u>		20
TOT	AL		175	0	175		1	_				0					1	_	1	_ 2		_ 2	L	2	1	1	. 1	1		161
						O C	N O	D E C	A N	E B	M A R	P P	M A	U	U	U	S	O C	N 0	D E C	J A	E B	A	P	A	U	U U	U G	S E	
			T		PRODUCT	ION D	ATES	C	IN	В	K	R	Y	IN DDO	CUBE	G MENT I	Г	TIME	V	C	IN	В	K	R	Y	IN	L	G	Р	ш
						SHIF		М						PRU		MIN	LEAD	I IIVIE												
						HOU		A							LEAD															
ITEM	1/MANUFACTURER'S NAME		LOCATION	J		DAYS		X											MFG			TOTAL								
Lock	heed Martin		Marietta, GA					36							IOR OCT	AFT 1 O			TIME			AFTEF 1 OCT								
									ļ <u>.</u>																					
						ļ			INITIA											52										
DEM	IA DIZO				1				REOF	RDER										35										
KEM	ARKS																													

Initial MFG time reflects Advanced Procurement. It is the number of months from PRTV long lead award until the delivery of the first production aircraft.

P-1 Shopping List Item No. 3

Production Schedule Exhibit P-21, page 5 of 9

Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number P-1 Lin		tem No	lomencl								
	/D -			ature							
Aircraft Procurement, Air Force, Budget Activity 01, Combat Aircraft, Item No. 3	: (Ka	Rapto	tor)								
S PROC. PRIOR DUE 2004 FISCAL YEAR 2005 E PROC. PRIOR DUE 2004 CALENDAR YEAR 2005			FI		YEAR 2 CALENI		EAR 20	006			L A
PROCUREMENT YEAR C	D E C	D J E A C N	J F A E N B	M A R	A P R	M A Y	J U N	U L	A U G	S E P	T E R
2001 USAF 10 10 0											0
2002 USAF 13 2 11 2 0 5 1 1 1 1 1 1											0
2003 USAF 21 0 21 2 1 3 0 5 2 3	3	3	1 1) 7	2 2	, ,) 4	5 7	-	-) 5
2005 USAF 22 0 22 Awar d	r I		0 2		2 2	2	2	. 0	0		
TOTAL 66 12 54 2 0 5 1 1 1 1 2 1 3 0 5 2 3	3 3	3	1 3	3 2	2 2	2 2	2 5	5 2	. 2	. 0	5
O N D J F M A M J J A S O N C O E A E A P A U U U E C O T V C N B R R Y N L G P T V	D E C	J E A	J F A E N B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	
PRODUCTION RATES PROCUREMENT LEAD TIME		•	•			•		•		•	
MIN SHIFT M ADMIN LEAD TIME ITEM/MANUFACTURER'S NAME LOCATION DAYS X ME	1		TOTAL								
Lockheed Martin Marietta, GA 30063 - 0000 PRIOR AFTER 1 OCT 1 OCT			AFTER 1 OCT								
INITIAL REORDER	52 35				1						
REMARKS Initial MEG number of months to procure first production aircraft. Reorder lead time is the average time to produce the following aircraft.											

Initial MFG number of months to procure first production aircraft. Reorder lead time is the average time to produce the following aircraft

PRTVI and PRTV II dates based on actual dates aircraft DD250 including DD250 prior to mod.

Lot 1 DD250 dates based on DD250 prior to mod.

Lot 2 DD250 dates based on actual dates aircraft DD250.

Lot 3 DD250 dates based on actual dates aircraft DD250.

Lot 4 DD250 dates based on actual dates aircraft DD250.

Lot 5 DD250 dates are based on actual dates aircraft DD250 and contract.

Lot 6 DD250 dates are based on actual dates aircraft DD250 and contract.

Lot 7-9 DD250 dates based on contract.

P-1 Shopping List Item No. 3

Production Schedule Exhibit P-21, page 6 of 9

Ex	hibit P-21, Production	n Sched	lule																			D	ate: I	Febru	uary	2008				
App	propriation (Treasury) Code	e/CC/BA/E	BSA/Item (Control Nu	ımber													Р	-1 Lin	e Iten	n Nom	nencla	ature							
Αi	rcraft Procureme	nt, Air	Force,	, Budg	et Acti	vity	01,	Co	mba	ıt A	ircr	aft,	lten	n No	o. 3			F	-22	(Ra	pto	r)								
	PROCUREMENT YEAR	S E R	PROC. OTY	ACCEP. PRIOR TO	BALANCE DUE AS OF	0	2006 N	D	J	FIS	M CAL Y	EAR 2		ENDAI J	R YEAR J	2007 A	S	0	N	D	J	FIS		EAR 20 ALEND A		EAR 200)8 J	A	S	L A T
	2002	V	Ì	1 OCT 2006	1 OCT 2006	C T	O V	E C	A N	E B	A R	P R	A Y	U N	U L	U G	E P	C T	O V	E C	A N	E B	A R	P R	A Y	U N	U L	U G	E P	E R
	2003	USAF USAF	21 22		5	1	1																							0
	2005	USAF	24		24	-	1	2	1	2	2	2	2	2	. 2	2	2	2	2											0
2006 USAF 23 0 23 Awar d 1 2 2 2 2															2	2	2	3	2	2	2	3								
2007 USAF 20 0 20 d																				20										
	2008	USAF	20	0	20													Awar d												20
TOT	AL		130	38	92		2	2	1	2	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2	3	2	2	2	43
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	N N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U	A U G	S E P	
					PRODUCT									PRC	CURE		LEAD	TIME												
ITEN	M/MANUFACTURER'S NAME		LOCATION	I	MIN SUST	SHIFT HOUF DAYS	RS	M A X							LEAD	MIN TIME			MFG			TOTAL AFTER								
Lock	theed Martin																TIME			1 OCT										
									INITIA											52										
DE.	44 DI/O			•			,		REOR	DER	•	•	,		•		,		•	35		•	•							
KFI	MARKS																													

P-1 Shopping List Item No. 3

Production Schedule Exhibit P-21, page 7 of 9

Ex	hibit P-21, Productio	n Sched	ule																			D	ate:	Febru	uary	2008				
App	ropriation (Treasury) Cod	e/CC/BA/E	BSA/Item (Control Nu	umber													Р	-1 Lin	e Iten	n Non	nencla	ature							
Αi	rcraft Procureme	nt, Air	Force	, Budg	et Acti	vity	01,	Co	mba	at A	ircr	aft,	lten	n No	o. 3			F	-22	(Ra	pto	r)								
		S E	PROC.	PRIOR	BALANCE DUE		2008			FIS	SCAL Y	EAR 20		ENDAF	R YEAF	R 2009						FIS	SCAL Y C			EAR 20	10			L A
	PROCUREMENT YEAR	R V	QTY	TO 1 OCT 2008	AS OF 1 OCT 2008	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	T E R
	2005	USAF	24																											0
	2006	USAF USAF	23		3 20		1		2	_	2	_		2	2		2		2								0			
	2007	USAF	20		20		1						1			1		1		1	2	1	2	2.	1	-	2	4		
	2009	USAF	20		20	Amor																		2 2 1 2 2 1 2						20
TOT	AL		107	44	63	2	2		2	2	2	2	1	2	2	1	2	1	2	1	2	1	2	2 2 1 2 2 1				2	24	
						O C T	N 0 V	D E C	J A N	F E B	M A R	A P R	M A Y	N D	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	N D	J U	U G	S E P	
					PRODUCT	ION R	ATES							PRO	CURE	MENT	LEAD	TIME												
ITEN	//MANUFACTURER'S NAME		LOCATION		MIN SUST	SHIF HOUF DAYS	RS	M A X								MIN TIME			MFG			TOTAL								
	heed Martin		Marietta, GA			DATE)	36							IOR		TER OCT		TIME			AFTEF 1 OCT	TER							
									INITIA REOR											52 35										
REM	IARKS				-	-		-	•					-		2		-			•			-						

P-1 Shopping List Item No. 3

Production Schedule Exhibit P-21, page 8 of 9

Exhibit P-21, Production	n Sched	ule																			D	ate: I	-ebr	uary	2008	3			
Appropriation (Treasury) Code	e/CC/BA/B	SA/Item C	Control Nu	ımber													P-	-1 Lin	e Item	n Non	nencla	ature							
Aircraft Procureme	nt, Air	Force,	Budg	et Acti	ivity	/ 01 ,	Co	mba	at A	ircr	aft,	lten	n No	. 3			F	-22	(Ra	pto	r)								
	c		ACCEP.	BALANCE					FIS	CAL Y	EAR 20	011									FIS	SCAL Y	EAR 2	012					L
	S	PROC.	PRIOR	DUE		2010						CALI	ENDAR	YEAR	2011							C.	ALENI	OAR YI	EAR 20	12			Α
PROCUREMENT YEAR	R V	QTY	TO 1 OCT 2010	AS OF 1 OCT 2010	O C	N O V	D E	J A	F E	M A	A P	M A	J U	J U	A U	S E P	O C	N O	D E	J A N	F E	M A	A P	M A	J U	J U	A U	S E	T E
2008	USAF	20			1	V 1	1	IN	В	K	R	Y	IN	L	G	P	1	V	C	IN	В	K	R	ĭ	N	L	G	P	K
2009	USAF	20	0	20		1	1	2	2	1	2	2	1	2	2	1	2	1	2							+			0
TOTAL	ODITI	40	0			2 1	1	2	2	1	2	2	1	2	2	1	2	1	2										0
					O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	ZOC	J U L	A U G	SEP	0 0	N O V	ОШО	J A N	F E B	M A R	A P R	M A Y	J	J U L	A U G	S E P	
				PRODUCT	ION R	ATES							PRO	CURE	MENT	LEAD 1	TIME										1		
ITEM/MANUFACTURER'S NAME		LOCATION			SHIF HOU DAY:	RS	M A X								MIN TIME			MFG			TOTAL AFTER								
Lockheed Martin		Marietta, GA 0000	30063 -				36						PRI 1 C		AF1 1 C			TIME			1 OCT								
								INITIA REOF											52 35				1						
REMARKS		•		•	•		•						•		•	<u> </u>	•		<u> </u>				•						

P-1 Shopping List Item No. 3

Production Schedule Exhibit P-21, page 9 of 9

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Exhibit P-40, Budget Item Justific	cation							D	ate: Februar	y 2008	
Appropriation (Treasury) Code/CC/BA/BS	A/Item Control	Number					P-1 Line	Item Nomencla	ature		
Aircraft Procurement, Air F	Force, Bud	dget Activity	01, Com	bat Aircra	ft, Item No	o. 4	F-22 (Raptor) A	dvance P	rocureme	nt
Program Element for Code B Items:		N/A			Other Related	d Program Ele	ments:		N/A		
	ID Code	Prior Years	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Comp	Total
Proc Qty	A										0
Cost (\$ M)											0.000
Advance Proc Cost (\$ M)		3739.345	695.541	423.783							4858.669
Weapon System Cost (\$ M)		3739.345	695.541	423.783	0.000	0.000	0.000	0.000	0.000	0.000	4858.669
Initial Spares (\$ M)		0.000									0.000
Total Proc Cost (\$ M)		3739.345	695.541	423.783	0.000	0.000	0.000	0.000	0.000	0.000	4858.669
Flyaway Unit Cost (\$ M)											
Wpn Sys Unit Cost (\$ M)											

Description

The F-22A Raptor represents the USAF's top priority for providing the Joint Force with air dominance, operational access, homeland and cruise missile defense for the next 20+ years. The F-22A is a first-of-a-kind multi-mission fighter aircraft that combines stealth, supercruise, advanced maneuverability and integrated avionics to make it the world's most capable combat aircraft.

FY 2009 Program Justification

P-1 Shopping List Item No. 4

Budget Item Justification Exhibit P-40, page 1 of 3

Exhibit P-10 p.1, Advance I (Page 1 - Funding)	Procuremen	t Requireme	ents Analysis	5				Dat	te: February	2008		
Appropriation (Treasury) Code/CC	C/BA/BSA/Item	Control Numbe	r					P-1 Line Ite	em Nomenclati	ure		
Aircraft Procurement,	Air Force	, Budget A	Activity 01	, Combat	Aircraft,	Item No.	4	F-22 (R	aptor) Ad	vance Pr	ocuremen [.]	t
Weapon System						First System A	ward Date	•		First System C	Completion Date)
F-22AP							Jun-	-98			Oct-02	
	•				(\$ in Millior							
<u>Description</u>	<u>PLT</u>	When Rqd	Prior Years	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Comp	<u>Total</u>
End Item Qty			115	20	20	20	0	0			0	175
CFE			3598.632	395.541	423.783	0.000	0.000	0.000			0.000	4417.956
GFE												0.000
EOQ				300.000				1				300.000
Design			140.713									140.713
Term Liability												0.000
												0.000
TOTAL AP			3739.345	695.541	423.783	0.000	0.000	0.000	0.000	0.000	0.000	4858.669
Description												

CFE represents required funding for Contractor Furnished Equipment (CFE) for both Air Vehicle and Engine.

Economic Order Quantity (EOQ) procurement in FY07 supports the multiyear procurement of 60 F-22As in Lots 7, 8, and 9.

Design line represents funding for Diminishing Manufacturing Sources (DMS). Starting in FY02, DMS funding moved out of advance procurement and into the aircraft procurement non-recurring funding.

P-1 Shopping List Item No. 4

Advance Procurement Requirements Analysis (Page 1 - Funding) Exhibit P-10 p.1, page 2 of 3

				ONC		LU						
Exhibit P-10 p.2, Advan (Page 2 - Budget Justifi		quirements	Analysis						Date	: February 2	2008	
Appropriation (Treasury) Code	•	ol Number						P-1 Line Iten	n Nomenclatur	e		
Aircraft Procureme			ivity 01, Co	ombat Air	craft, Ite	m No. 4		F-22 (Ra	ptor) Adv	ance Pro	cureme	nt
Weapon System			-				<u> </u>	-				
F-22AP												
				(TOA	, \$ in Millio	ns)						
					2007 Contract Forecast	2007 Total Cost		2008 Contract Forecast	2008 Total Cost		2009 Contract Forecast	2009 Total Cost
Description	PLT	<u>QPA</u>	Unit Cost	2007 QTY	Date	Request	2008 QTY	Date	Request	2009 QTY	Date	Request
End Item												
CFE Lot 8 Titanium Lot 9 Titanium				20	Dec-06	359.341	20	Dec-07	423.783			
F00	1				lon 07	200,000		1			1	
EOQ					Jan-07	300.000						
Design TOTAL AP						695.541			423.783			0.000
<u>Description</u>												

P-1 Shopping List Item No. 4

Advance Procurement Requirements Analysis (Page 2 - Budget Justification) Exhibit P-10 p.2, page 3 of 3

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FY 2009 BUDGET ESTIMATES BUDGET ACTIVITY 02 – AIRLIFT AIRCRAFT FEBRUARY 2008

PAGE 2 – 0

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In accordance with the President's Management Agenda, Budget and Performance Integration initiative, these programs have been assessed using the Program Assessment Rating Tool (PART). Remarks regarding program performance and plans for performance improvement can be located at the Expectmore.gov website.

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Exhibit P-40, Budget Item Justifi	cation							D	ate: Februar	y 2008	
Appropriation (Treasury) Code/CC/BA/BS	SA/Item Control	Number					P-1 Line	Item Nomencla	ature		
Aircraft Procurement, Air	Force, Bud	dget Activity	02, Airlif	t Aircraft,	Item No.	5	C-17A	(MYP)			
Program Element for Code B Items:		N/A	ements:		N/A						
	ID Code	Prior Years	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Comp	Total
Proc Qty	A	168	22								190
Cost (\$ M)		36594.730	4332.520	258.839	367.554	237.240	214.093	216.100	196.349		42417.425
Interim Ctr Support (\$ M)		3963.481									3963.481
Advance Proc Cost (\$ M)		5378.051									5378.051
Weapon System Cost (\$ M)		45936.262	4332.520	258.839	367.554	237.240	214.093	216.100	196.349	0.000	51758.957
Initial Spares (\$ M)		807.018									807.018

367.554

237.240

214.093

216.100

196.349

0.000

52565.975

Description

Total Proc Cost (\$ M)

Flyaway Unit Cost (\$ M)

Wpn Sys Unit Cost (\$ M)

FY07 was the last year of a five-year multi-year procurement (MYP) of 60 C-17s and the procurement of 10 aircraft in accordance with the FY07 Defense Appropriations Act. The FY08 and subsequent budgets continue the acquisition of required support equipment, spares, data, and training to complete the C-17 program.

258.839

4332.520

218.378

197.600

Material Improvement Projects retrofit kits are included in 3010 BP10 sustainment line per FY06 ICS P-40 exhibit.

46743.280

431.488

507.631

The FY07-09 USAF delivery schedule has been adjusted to account for delivery of four Australian Foreign Military Sale (FMS) aircraft and four Canadian and two UK Direct Commercial Sale (DCS) aircraft, along with ten additional C-17s scheduled to deliver in FY08/09.

FY2007 funding total includes \$2.4B in GWOT supplemental

This program has associated Research Development Test and Evaluation (RDT&E) funding in PE 41130F.

FY09 funding does not match P-1 Exhibit. The Air Force requests \$8.8M originally programmed in this P-1 line be appropriated in P-1 line 45 for proper execution.

FY 2009 Program Justification

FY09 budget funds support equipment, spares, training, mission support and data requirements.

Funding document is unexecuteable. AF requests \$8.766M requested in this line be appropriated in P-1 line 45 of C-17 modifications for proper execution.

P-1 Shopping List Item No. 5

Budget Item Justification Exhibit P-40, page 1 of 8

Exhibit P-5, Weapon System Cost Analysis Date: February 2008 Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number P-1 Line Item Nomenclature Aircraft Procurement, Air Force, Budget Activity 02, Airlift Aircraft, Item No. 5 C-17A (MYP) Manufacturer's Name/Plant City/State Location Subline Item Boeing Airlift and Tankers / Long Beach, CA Weapon System Total Cost in Millions of Dollars Ident Cost Elements Code FY 2007 FY 2008 FY 2009 Total Total Total Unit Cost Qty Cost Oty Unit Cost Cost Oty Unit Cost Cost 1.0 Airframe Α 22 184.291 4054.412 0.000 0.000 2.0 Engine (4) (Model F-117-PW-100) 72 7.726 556.241 0.000 0.000 Α 22 0.000 3.0 Avionics Α 5.997 131.935 0.000 4.0 Engineering Change Orders (ECO) A 0.000 5.0 Producibility Enhancement Α 2.273 50.007 39,791 27.22 6.0 Nonrecurring Flyaway Α 0.000 0.000 0.000 37.342 7.0 Settlement Α 0.000 0.000 7.1 Prior Year Adv Procurement (unit cost non add) 0.000 8.0 Flyaway Cost Subtotal (1 thru 7) 4792,595 77.133 27.227 9.0 Peculiar Support Equipment 7.775 13.144 62.889 Α 10.0 Common Support Equipment Α 1.680 1.640 1.640 11.0 Training A 68.607 43.629 75.933 12.0 Data A 20.278 21.011 29.726 13.0 Field Support Α 0.000 0.000 0.00014.0 Site Activation/Spares (XX10) Α 235.119 94.221 46.920 15.0 Whole Engine Spares 76.030 0.000 114.600 16.0 Mission Support 18.405 8.061 8.619 Α 17.0 Support Cost Subtotal (9 thru 16) 427.894 181.706 340.327 18.0 Gross P-1 Cost (8 + 17) 5220,489 258.839 367.554 19.1 LESS: Prior Year Adv Procurement -657.269 0.000 0.000 Α 19.2 LESS: EOO Payback Α -230,700 0.000 0.000 19.3 Prior Year Adv Procurement (unit cost non add) Α 20.0 Net P-1 Cost (18 + 19) 4332.520 258.839 367.554 21.1 Advance Procurement, Current Year 0.000 0.000 0.000 Α 21.2 EOO, Current Year A 0.000 0.000 0.000 Other P-1 Weapon System Costs Α 0.000 22.1 ICS (BP10 1050; FY00 thru To Complete) 0.000 Α 0.000 0.000 TOTAL PROGRAM 4332.520 258.839 367.554 Comments

P-1 Shopping List Item No. 5

Weapon System Cost Analysis Exhibit P-5, page 2 of 8

⁻The increase in FY09 PSE (9.0) includes Software Labs Infrastructure Modernization

⁻The increase in FY09 Training (11.0) includes the procurement of Weapon System Trainer #22

Exhibit P-5, Weapon System Cost Analysis			01102/100				Da	te: Februar	ry 2008	
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number							m Nomenclati	ure		
Aircraft Procurement, Air Force, Budget A	Activity 02	2, Airlift	Aircraft, Ite	em No. 5		C-17A (MYP)			
Manufacturer's Name/Plant City/State Location				Subline Item						
Boeing Airlift and Tankers / Long Beach, CA										
Weapon System	Ident		EV 2007		Total Co	st in Millions o	of Dollars		EV 2000	
Cost Elements	Code		FY 2007	Total		FY 2008	Total		FY 2009	Total
		Qty	Unit Cost	Cost	Qty	Unit Cost	Cost	Qty	Unit Cost	Cost
-The increase in Whole Engine Spares (15.0) in FY09 procu	res additiona									
		P-1 Shoppi	ing List Item I	No. 5			,	Weapon S	system Cost A	Analysis
			J = 21 .1.	-				Ех	chibit P-5, pag	ge 3 of 8

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Appropriation (Treasury) Code	CC/BA/BSA/Ite	m Control Num	nber				P-1 Line It	em Nomenclat	ure		
Aircraft Procuremer	nt, Air Ford	e, Budge	t Activity	02, Airlift	Aircraft,	Item No.	C-17A	(MYP)			
Weapon System					Subline Iter	m					
C-17A											
WBS Cost Elements	Qty	Unit Cost	Location of PCO	RFP Issue Date	Contract Method	Contract Type	Contractor and Location	Award Date	Date of First Delivery	Specs Available Now?	Date Revision Available?
FY 2006											
Air Vehicle	15	170.152	AFMC/ASC		SS	FFP	Boeing - Airlift and Tankers, Long Beach, CA	Jan-06	Aug-06		
Propulsion	60	6.270	AFMC/ASC		SS	FP	Pratt & Whitney, East Hartford, CT	Nov-05	Jul-06		
FY 2007											
Air Vehicle	12	176.622	AFMC/ASC		SS	FFP	Boeing - Airlift and Tankers, Long Beach, CA	Jan-07	Sep-07		
Propulsion	32	6.512	AFMC/ASC		SS	FP	Pratt & Whitney, East Hartford, CT	Nov-06	Jul-07		
Air Vehicle	10	200.000	AFMC/ASC		SS	FFP	Boeing - Airlift and Tankers, Long Beach, CA	Dec-06	Aug-08		
Propulsion	40	8.500	AFMC/ASC		SS	FP	Pratt & Whitney, East Hartford, CT	Mar-07	Mar-08		

Remarks

Exhibit P-5A, Procurement History and Planning

- -- Air Vehicle Unit Cost is total of Airframe and Avionics unit costs from P-5 Exhibit which includes both Contractor and Government Furnished Equipment.
- -- Multi-Year Procurement II contract was awarded 14 Aug 02. The award dates indicated above reflect contract modification dates to obligate funds for the aircraft procured in each fiscal year.
- -- The FY07 +10 aircraft is an Indefinite Delivery Indefinite Quantity (IDIQ) contract. An Undefinitized Contractual Action (UCA) was awarded 18 Dec 06; definitization is scheduled for May 08.
- -- The FY07 engine buy is part of an IDIQ-type contract that is Fixed Price with Economic Price Adjustment.

P-1 Shopping List Item No. 5

Procurement History and Planning Exhibit P-5A, page 4 of 8

Date: February 2008

Exhibit P-21, Productio	n Sched	lule																			D	ate:	-ebr	uary :	2008	}			
Appropriation (Treasury) Cod	ocurement, Air Force, Budget Activity 02, Airlift Aircraft, Item No. 5 S PROC. PRIOR DUE 2001 CALENDAR YEAR 2002 O N D D L E M A M I I I A S O O													Р	-1 Lin	e Iten	n Non	nencla	ature										
Aircraft Procureme	nt, Air	Force	, Budg	et Acti	vity	02 ,	Air	lift /	4irc	raft	, Ite	m N	lo. (5				C-17	A (N	ИYF	P)								
	S	DDOC				2001			FIS	SCAL Y	EAR 2		ENDAF	YEAR	2002						FIS		EAR 2 ALENI		EAR 200	03			L A
PROCUREMENT YEAR	Opriation (Treasury) Code/CC/BA/BSA/Item Control Number Craft Procurement, Air Force, Budget Activity 02, Airlift Aircraft, Item No. 5 PROCUREMENT YEAR S													O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	T E R			
NONE	Craft Procurement, Air Force, Budget Activity 02, Airlift Aircraft, Item No. 5																									0			
TOTAL	Craft Procurement, Air Force, Budget Activity 02, Airlift Aircraft, Item No. 5 S																									0			
	PROCUREMENT YEAR R R PROC. QTY 1 OCT													O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	U L	A U G	S E P				
				PRODUCT	ION R	ATES							PRC	CURE	MENT	LEAD	TIME												
ITEM/MANUFACTURER'S NAME		LOCATION	I		HOU	RS												MFG TIME			TOTAL AFTER								
Additional C-17 Aircraft / Boeing (Lot	T V C N B R R Y N L G P PRODUCTION RATES PROCUREMENT LEAD T MIN SHIFT M SUST HOURS A ADMIN LEAD TIME ADMIN LEAD T ADMIN LEA														TIIVIE			1 OCT											
	INITIAL 4 REORDER															32													
DEMADIC																													

P-1 Shopping List Item No. 5

Production Schedule Exhibit P-21, page 5 of 8

REMARKS
FY03-FY07 reflects the second Multi-Year buy of 60 C-17 aircraft plus the 10 additional aircraft added in Title IX of the FY07 Defense Appropriations Act.

The FY07-09 USAF delivery schedule has been adjusted to account for delivery of four Australian Foreign Military Sale (FMS) aircraft and one UK Direct Commercial Sale (DCS) aircraft, including additional 10 C-17s delivering in FY08/09.

Ex	hibit P-21, Production																		D	ate: I	-ebru	lary :	2008							
App	propriation (Treasury) Code	e/CC/BA/E	3SA/Item (Control No	umber													Р	-1 Lin	e Iten	n Non	nencla	ature							
Αi	rcraft Procureme	nt, Air	Force	, Budg	jet Act	ivity	/ 02 ,	Air	lift A	۱irc	raft	, Ite	m N	lo. s	5			C	C-17	A (N	ИYР	')								
		S	PROC.	ACCEP. PRIOR	BALANCE DUE		2003			FIS	CAL Y	EAR 2		ENDAF	R YEAR	2004						FIS	CAL Y			EAR 200	05			L A
	PROCUREMENT YEAR	R V	QTY	TO 1 OCT 2003	AS OF 1 OCT 2003	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	T E R
	2003	USAF 7 0 7 2 2 1 USAF 11 0 11 2 2 1													1	1											0			
	2004	Note														1	2	1	1	2	1	2		1		0				
	2005	V 2003 2003 T V C N B R R Y N L G P T 10CT 10CT C O E A E A P A U U U U E C 2003 2003 T V C N B R R Y N L G P T 1004 USAF 11 0 11																					<u> </u>	<u> </u>	1	1	13			
	Normal N																				<u> </u>	15								
	2004 USAF 11 0 11																			<u> </u>			<u> </u>	\vdash	22					
2006 USAF 15 0 15													1		2	1		_	1	\vdash	├ ──	-	\vdash	50						
101	AL		/0	1 0	/(NI	Б			N /		N.4	-	2	Δ.	- 1	0	NI NI	D 1		I	1 1		N/			<u>Z</u>	S	50
						_	0 V	E	A N	E B	A R	P R	A Y	Ŋ	U	U G	E P	C	0 V	E	A N	E B	A R	P R	A	Ŋ	U	U	E P	
					PRODUCT	TION R	ATES	•						PRO	CURE	MENT	LEAD	TIME				•								
					MIN SUST	SHIF HOU	RS	M A							AD LEAD	MIN TIME			MFG			TOTAL								
	M/MANUFACTURER'S NAME		LOCATION			DAYS		Х											TIME			AFTER								
Addi	tional C-17 Aircraft / Boeing (Lot	nal C-17 Aircraft / Boeing (Lot 15B-Lot 19) Long Beach, CA 12 1/8/5 15 PRIOR AFTER 1 OCT 1 OCT 1 OCT 1 OCT 1 OCT													2			1 OCT												
	INITIAL 4														32															
DE:	REORDER REORDER																													
		I I KEONDEN																												

FY03-FY07 reflects the second Multi-Year buy of 60 C-17 aircraft plus the 10 additional aircraft added in Title IX of the FY07 Defense Appropriations Act.

The FY07-09 USAF delivery schedule has been adjusted to account for delivery of four Australian Foreign Military Sale (FMS) aircraft and one UK Direct Commercial Sale (DCS) aircraft, including additional 10 C-17s delivering in FY08/09.

P-1 Shopping List Item No. 5

Production Schedule Exhibit P-21, page 6 of 8

Ex	hibit P-21, Production																		D	ate: I	-ebru	uary :	2008							
App	propriation (Treasury) Code	e/CC/BA/E	SA/Item (Control No	umber													Р	-1 Lin	e Item	n Nom	nencla	ature							
Αi	rcraft Procureme	nt, Air	Force,	, Budg	jet Act	ivity	, 02,	Air	lift A	irc	raft	, Ite	m N	lo. {	5			C	C-17	A (N	ΛΥΡ	')								
		S	PPOC	ACCEP. PRIOR	BALANCE DUE		2005			FIS	CAL Y	EAR 20		ENDAF	YEAR	2006						FIS		EAR 20 ALEND		EAR 200)7			L A
	PROCUREMENT YEAR	R V	QTY	TO 1 OCT 2005	AS OF 1 OCT 2005	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	T E R
	2003	ROCUREMENT YEAR PROC. PROC. QTY PRIOR TO 1 OCT 2005																									0			
	2004	PROCUREMENT YEAR S																									0			
	2005	PROCUREMENT YEAR S																									0			
	Note													1	1	1	1	2	1	1	1	1	1	1	0	U				
	PROCUREMENT YEAR R PROC. QTY																								1	21				
	PROCUREMENT YEAR PROCUREMENT LEAD TIME PROCUREMENT LEAD TIME																							<u> </u>		0				
101	2007 USAF 22 0 22													1	1	1	. 1	2	1	1	1	1	1	1	1	21				
						_	O V	E C	A N		M A R		A Y	N U	U	U G	E P	C	0 V	E C	J A N	E B	A R	P R	A Y	U N	U L	U G	S E P	
					PRODUC	TION R	ATES							PRO	CURE	MENT	LEAD	TIME												
						HOU	RS												MFG			TOTAL								
						_	3	Х										_	TIME			AFTER								
Addi															111112			1 OCT	•											
	INITIAL 4														32															
DE:	REORDER																													
		REORDER																												

FY03-FY07 reflects the second Multi-Year buy of 60 C-17 aircraft plus the 10 additional aircraft added in Title IX of the FY07 Defense Appropriations Act.

The FY07-09 USAF delivery schedule has been adjusted to account for delivery of four Australian Foreign Military Sale (FMS) aircraft and one UK Direct Commercial Sale (DCS) aircraft, including additional 10 C-17s delivering in FY08/09.

P-1 Shopping List Item No. 5

Production Schedule Exhibit P-21, page 7 of 8

Exhibit P-21, Production Schedul	ibit P-21, Production Schedule opriation (Treasury) Code/CC/BA/BSA/Item Control Number																			Da	ate: F	ebru	uary 2	2008				
Appropriation (Treasury) Code/CC/BA/BS	A/Item C	ontrol Nu	mber													Р	-1 Lin	e Item	n Nom	nencla	ture							
Aircraft Procurement, Air F	orce,	Budge	et Acti	vity	02,	Air	lift <i>F</i>	۱irc	raft	Ite	m N	lo. 5	5			C	:-17	A (N	ИYР)								
S					2007			FIS	CAL Y	EAR 20		NDAR	VEAR	2008						FIS		EAR 20 ALEND		AR 20	na			L A
PROCUREMENT YEAR E R V	PROC. QTY	TO 1 OCT 2007	AS OF 1 OCT 2007	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	T E R
PROCUREMENT YEAR PROCUREMENT YEAR 2008 PROCUREMENT																										0		
Aircraft Procurement, Air Force, Budget Activity 02, Airlift Aircraft, Item No. 5 PROCUREMENT YEAR S PROC. QTY PRIOR TO 1 OCT 2007 T V C N B R R Y N L G P T T V C N B R R R Y N L G P T T V C N B R R R Y N L G P T T T V C N B R R R R Y N L G P T T T V C N B R R R R R R R R R R R R R R R R R R																										0		
PROCUREMENT YEAR S																											0	
Name																										0		
PROCUREMENT YEAR														1	1	1	2	1	1	2	1				0			
PROCUREMENT YEAR														1	1	- 1	- 2	1	1	2	1				0			
				C T	N O V	E C	J A N	E B	M A R	'	M A Y	U U	J U	U G	_	C	N O V	D E C	J A N	E B	A R	P R	A Y	N N	U	U G	S E P	
			PRODUCTI	ON RA	TES							PRO	CURE	MENT	LEAD	ГІМЕ										•		
ITEM/MANUFACTURER'S NAME	OCATION		SUST	HOUR	S	Α											MFG			TOTAL AFTER								
Additional C-17 Aircraft / Boeing (Lot 15B-Lot 19)	nal C-17 Aircraft / Boeing (Lot 15B-Lot 19)															TIME			1 OCT									
·															32													
REMARKS							REOR	DER																				

P-1 Shopping List Item No. 5

Production Schedule Exhibit P-21, page 8 of 8

FY03-FY07 reflects the second Multi-Year buy of 60 C-17 aircraft plus the 10 additional aircraft added in Title IX of the FY07 Defense Appropriations Act.

The FY07-09 USAF delivery schedule has been adjusted to account for delivery of four Australian Foreign Military Sale (FMS) aircraft and one UK Direct Commercial Sale (DCS) aircraft, including additional 10 C-17s delivering in FY08/09.

Exhibit P-40, Budget item Justii	ication			U	ate: Februar	y 2008					
Appropriation (Treasury) Code/CC/BA/E	SA/Item Contro	Number					P-1 Line	Item Nomencla	ature		
Aircraft Procurement, Air	Force, Bu	dget Activity	02, Airlif	t Aircraft,	Item No.	6	C-130	J			
Program Element for Code B Items:		N/A			Other Relate	d Program Ele	ements:		N/A		
	ID Code	FY 2011	FY 2012	FY 2013	To Comp	Total					
Proc Qty	A	32	8	8	8	8	15	102			
Cost (\$ M)		536.929	541.543	557.774	TBD	TBD					
Advance Proc Cost (\$ M)		448.837	90.000		96.000	96.000	96.000	96.000		TBD	TBD
Weapon System Cost (\$ M)		2854.959	1166.925	681.431	96.000	588.544	632.929	637.543	557.774	TBD	TBD
Initial Spares (\$ M)		70.169	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	70.169
Total Proc Cost (\$ M)		2925.128	1166.925	681.431	96.000	588.544	632.929	637.543	557.774	TBD	TBD
Flyaway Unit Cost (\$ M)		62.268	59.464	61.879	N/A	65.170	66.521	67.859	69.229	TBD	TBD
Wpn Sys Unit Cost (\$ M)		62.771	60.120	62.545	N/A	65.798	67.165	68.522	69.912	TBD	TBD

Description

The 2007 funding total includes \$388M in GWOT supplemental funding.

Exhibit D 40 Dudget Item Justification

The FY2008 funding totals do not include \$1356.3M GWOT requirements still pending Congressional consideration.

The C-130J is a medium-size transport aircraft capable of performing a variety of combat delivery (tactical airlift) operations across a broad range of mission environments. The C-130J aircraft, with its extended (by 15 ft) fuselage, provides additional cargo carrying capacity for the USAF combat delivery mission compared with legacy C-130E/Hs and the C-130J (short). Special mission variants of the C-130J conduct airborne psychological operations (EC-130J) and weather reconnaissance (WC-130J).

This program has associated Research Development Test and Evaluation (RDT&E) funding in PE 41132F.

Funding document is unexecutable, Air Force requests \$25M currently programmed in P-1 line 60 (C-130J Mods) be appropriated in P-1 line 7 (C-130J) for proper execution.

FY 2009 Program Justification

The FY 2009 budget provides advance procurement for new production starting in 2010. FY08 is the last year of the C-130J multiyear procurement (MYP) buy. The last MYP aircraft delivers in FY10. In addition, Congress has added 8 C-130Js in support of the Global War On Terror (GWOT) - 3 in FY06 and 5 in FY07. These aircraft also deliver in FY10. The USAF has 17 C-130Js in its FY08 GWOT request, 15 C-130Js and 2 MC-130Js (Special Operations Tanker).

P-1 Shopping List Item No. 6

Budget Item Justification Exhibit P-40, page 1 of 10

						Date	: Februar	y 2008	
er					P-1 Line Ite	m Nomenclatur	е	-	
Activity 02	2, Airlift A	ircraft, Ite	em No. 6		C-130J				
	·	<u> </u>							
				C 10400C)					
Ident			C 1000 (B1110		t in Millions o	f Dollars			
		FY 2007						FY 2009	
			Total			Total			Total
	Qty	Unit Cost	Cost	Qty	Unit Cost	Cost	Qty	Unit Cost	Cost
A	14	60.311	844.356	9	59.779	538.007			
A									
A									
A									
A			27.900			18.900			
A									
A									
A									
			872.256			556.907			
A			7.500			6.000			
A			3.040			1.347			
A			3.000			2.262			0.000
A									
A			19.250			9.000			
A			2.650			3.849			
A			257.034			143.018			0.000
A			1.745			1.785			0.000
A			12.851			13.024			
A			0.000			56.028			0.000
A			6.103			7.450			0.000
			313.173			243.763			
A									
A			90.000						96.000
			-6.490			-6.490			
A			-8.654			-8.654			
A			-14.423			-14.423			
A			-78.937			-89.672			
A									
A									
			1166.925			681.431			96.000
	·						,		
	Ident Code A A A A A A A A A A A A A A A A A A	Ident Code Qty A	Ident Code FY 2007 Qty Unit Cost A	Activity 02, Airlift Aircraft, Item No. 6	Activity 02, Airlift Aircraft, Item No. 6 Subline Item C-130J (BPAC 10400C) Ident Code FY 2007 Qty Unit Cost Cost Qty A	C-130J Subline Item	C-130J P-1 Line Item Nomenclatur	Date: Februar P-1 Line Item Nomenclature P-1 Line Item Nomenclature	Date: February 2008 P-1 Line Item Nomenclature C-130J

Exhibit P-5, Weapon System Cost Analysis			UNCLASE	/II ILD			Da	te: Februar	v 2008	1				
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number	r					P-1 Line It	em Nomenclat		y 2000					
Aircraft Procurement, Air Force, Budget A		ο Δirlift Δ	ircraft It	em No 6		C-130J		uic						
	ACTIVITY 02	<u> </u>	an Grant, It			C-1300								
Manufacturer's Name/Plant City/State Location				Subline Item										
Lockheed Martin Aero-Marietta				C-130J (BPA										
Weapon System	Ident				Total Co	st in Millions	of Dollars							
Cost Elements	Code		FY 2007			FY 2008			FY 2009					
		0.	TT 1: G	Total		11 to G	Total		TT 1. G	Total				
Eff4: 1 O -4 00 :-::4:-1	- 4 - 1 C 1	Qty	Unit Cost	Cost	Qty	Unit Cost	Cost	Qty	Unit Cost	Cost				
Effective 1 Oct 99, initial spares requirements migrated to Ir	nterim Supply	Support (188	s) under the R	keeningeered S	suppry Suppo	ort Process (RS	SSP) umbrella	l. .						
										<u> </u>				
										<u> </u>				
		5.4.0	11.11.											
		P-1 Shoppin	ng List Item I	NO. 6				Weapon S	ystem Cost /	Analysis				
								Exh	ibit P-5, pag	e 3 of 10				

Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number Aircraft Procurement, Air Force, Budget Activity 02, Airlift Aircraft, Item No. 6 Weapon System C-130J C-130J C-130J C-130J C-130J (BPAC 10400C) Location of RFP Issue Contract Contract Contract Type Contractor and Location Award Date Del Lockheed Martin - 8 54.024 WPAFB Apr-02 C Multiyear FFP Marietta, GA 30063-0290 Lockheed Martin - Aero, FPD Marietta, GA 30063-0290 Lockheed Martin - 3 64.000 WPAFB Aug-06 C FFP Lockheed Martin - Aero, Marietta, GA 30063-0290 Lockheed Martin - 5 64.400 WPAFB Jun-07 C FFP Lockheed Martin - Aero, Marietta, GA 30063-0290 Lockheed Martin - Aero, Aero-Marietta FY06 Lockheed Martin - 5 64.400 WPAFB Jun-07 C FFP Lockheed Martin - Aero, Marietta, GA 30063-0290 Lockheed Martin - Aero, Aero-Marietta FY07			e: February	/ 2008								
Appropriation (Treasury) Code/CC/BA	/BSA/Ite	m Control Num	ber				P-	1 Line Ite	m Nomenclatu	ıre		
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number Aircraft Procurement, Air Force, Budget Act Weapon System C-130J WBS Cost Elements Qty Unit Cost PCO Lockheed Martin -		t Activity	02, Airlift	Aircraft,	Item No. 6	6 C	-130J					
Weapon System					Subline Iter	n						
C-130J					C-130J (BF	PAC 10400C)						
										Date of	Specs	Date
			Location of	RFP Issue	Contract	Contract				First	Available	Revision
WBS Cost Elements	Qty	Unit Cost	PCO	Date	Method	Type	Contractor and Loc	cation	Award Date	Delivery	Now?	Available?
								<u> </u>				
Lockheed Martin -	8	54.024	WPAFB	Apr-02	C	Multiyear	Lockheed Martin -	Aero,	Feb-06	Dec-06	Yes	
Aero-Marietta FY06						FFP	Marietta, GA 300	63-0290				
Lockheed Martin - Aero	9	57.475	WPAFB	Apr-02	C	Multiyear	Lockheed Martin -	Aero,	Dec-06	Dec-07	Yes	
FY07						FFP	Marietta, GA 300	63-0290				
Lockheed Martin -	3	64.000	WPAFB	Aug-06	C	FFP	Lockheed Martin -	Aero,	Dec-06	Mar-10	Yes	
Aero-Marietta FY06							Marietta, GA 300	63-0290				
Lockheed Martin -	5	64.400	WPAFB	Jun-07	C	FFP	Lockheed Martin -	Aero,	Aug-07	Jul-10	Yes	
Aero-Marietta FY07							Marietta, GA 300	63-0290				
Lockheed Martin -	9	59.779	WPAFB	Apr-02	C	Multiyear	Lockheed Martin -	Aero,	Nov-07	Apr-09	Yes	
Aero-Marietta FY08						FFP	Marietta, GA 300	C-130J Date of First Av Delivery No Decode Martin - Aero, Etta, GA 30063-0290 Dec-06 Dec-07 Yesta, GA 30063-0290 Dec-06 Mar-10 Yesta, GA 30063-0290 Dec-06 Mar-10 Yesta, GA 30063-0290 Dec-06 Mar-10 Yesta, GA 30063-0290 Dec-07 Mar-10 Yesta, GA 30063-0290 Dec-07 Mar-10 Yesta, GA 30063-0290 Dec-08				

Remarks

Air Vehicle:

- a. The C-130J Multiyear contract was converted from a commercial FAR Part 12 to a traditional FAR Part 15 contract in Oct 06.
- b. The FY06 GWOT Supplemental appropriated 3 USAF C-130Js. These 3 aircraft were placed on the C-130J FYOC in Dec 06 and will deliver in FY10.
- c. The FY07 GWOT Supplemental appropriated 5 USAF C-130Js. These 5 aircraft were placed on the C-130J FYOC in Aug 07 and will deliver in FY10.

P-1 Shopping List Item No. 6

Procurement History and Planning Exhibit P-5A, page 4 of 10

Exh	ibit P-21, Productio	COCUREMENT YEAR																		D	ate: I	Febru	uary	2008						
Appı	opriation (Treasury) Cod	e/CC/BA/l	3SA/Item (Control No	umber													Р	-1 Lin	e Iten	n Non	nencla	ature							
Air	craft Procureme	nt, Air	Force	, Budg	jet Acti	vity	02 ,	Air	lift /	Airc	raft	, Ite	m N	lo. (6				C-13	0J										
		S	PROC				2002			FIS	CAL Y	EAR 2		ENDAI	R YEAF	R 2003						FIS	SCAL Y			EAR 200)4			L A
	PROCUREMENT YEAR	PROCUREMENT YEAR R V 1 OCT 1 OCT 1 OCT C O E A E A P A U U U U E E OCT 1 OCT 2002 2002 T V C N B R R Y N L G P OCT 1 OCT															O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	T E R	
	1996	S																									0			
		ACCEP. PROC. QTY																	1	ļ					₩		2			
	2003	COUREMENT YEAR																		1						┢		1		
	PROCUREMENT YEAR S PROC. QTY O N D J F M A D J A S O D D D D D D D D D																									4				
	2005	ACCEP. PROCUREMENT YEAR R R PROC. OTY V R PRIOR DUE 2002 TO AS OF 1 OCT 1 OCT 2002 TO C N B R R Y N L G P T T S S S S S S S S S S S S S S S S S																										11		
TOTA	PROCUREMENT YEAR														<u> </u>		<u> </u>	1				<u></u>	<u>. </u>	⊢. –	_	18				
							O V	_	A N		A R		A Y	U N	U L	U G	E P	C	O V	E C	A N	E B	A R	P R	A Y	N N	U L	U G	S E P	
					PRODUCT	ION R	ATES			•	•			PRC	CURE	MENT	LEAD	TIME		•	•				•		•			
ITEM	/MANUFACTURER'S NAME		LOCATION	N		HOU	RS	Α											MFG			TOTAL AFTER								
Lockh	eed Martin - Aero	UFACTURER'S NAME LOCATION DAYS X fartin - Aero Marietta, GA 12 36 PRIOR AFTER														TIME			1 OCT											
		1 171 1 361																29				1								
	ARKS		1		ı			•																						
TICS A	7 1 C ! ! C. 1 . !	0.1	1																											

USMC and foreign aircraft deliveries fill in what appear to be production schedule gaps.

P-1 Shopping List Item No. 6

Production Schedule Exhibit P-21, page 5 of 10

Exhibit P-21, Production Schedule		Date: February 2008
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number		P-1 Line Item Nomenclature
Aircraft Procurement, Air Force, Budget Act	tivity 02, Airlift Aircraft, Item No. 6	C-130J
S ACCEP. BALANCI E PROC. PRIOR DUE	E FISCAL YEAR 2005 2004 CALENDAR YEAR 2005	FISCAL YEAR 2006 L CALENDAR YEAR 2006 A
PROCUREMENT YEAR R QTY TO AS OF 1 OCT 1 OCT 2004 2004	O N D J F M A M J J A S O C O E A E A P A U U U E C T V C N B R R Y N L G P T	
2003 USAF 1 0	1 1 1 1 1 1 1 1	
2004 USAF 4 0	4 2 2	
	11 1 2 2	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$
	O N D J F M A M J J A S O C O E A E A P A U U U E C T V C N B R R Y N L G P T	O N D J F M A M J J A S O E A E A P A U U U E V C N B R R Y N L G P
PRODUC	CTION RATES PROCUREMENT LEAD TIME	
MIN SUST ITEM/MANUFACTURER'S NAME LOCATION	SHIFT M ADMIN HOURS A LEAD TIME DAYS X	MFG TOTAL
Lockheed Martin - Aero Marietta, GA 30063-0290	12 36 PRIOR AFTER 1 OCT 1 OCT	TIME AFTER 1 OCT
	INITIAL	29
REMARKS	REORDER	
NEWANIO		

USMC and foreign aircraft deliveries fill in what appear to be production schedule gaps.

P-1 Shopping List Item No. 6

Production Schedule Exhibit P-21, page 6 of 10

Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number Aircraft Procurement, Air Force, Budget Activity 02, Airlift Aircraft, Item No. 6 PROCUREMENT YEAR S PROC. R PROC. PROCUREMENT YEAR PROCUREMENT YEAR YEAR YEAR YEAR YEAR YEAR YEAR YEAR	Exhibit P-21, Pr	oductio	n Sched	lule																			D	ate:	Febr	uary	2008	,			
S	Appropriation (Trea	sury) Cod	e/CC/BA/E	BSA/Item (Control No	umber													Р	-1 Lin	e Iten	n Nom	nencla	ature							
PROCUREMENT YEAR FROC. PRIOR OTHER PROCUREMENT YEAR PROCUREM	Aircraft Proc	ureme	nt, Air	Force	, Budg	et Acti	vity	02,	Air	lift /	Airc	raft	, Ite	m N	lo. 6	5				C-13	0J										
PROCUREMENT YEAR R QTY			S	PDOG				2006			FIS	CAL Y	EAR 2		ENDAR	YEAR	2007						FIS				EAR 20	08			L A
2005	PROCUREMEN	NT YEAR			1 OCT	1 OCT	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	T E R
2007				11	0																										11
2008		R Q1Y 1 OCT 1 OCT C O E A E A P A U												1	1														3		
TOTAL		C-130J C																													
O N D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J J A S O N D J F M A M J J J A S O N D D J F M A M J J J A S O N D D J F M A M J J J A S O N D D J F M A M D D J F M A D D D J F M A D D D D J F M A D D D D D D D D D D D D D D D D D D																															
C	TOTAL			40	U	40	0	N	D I	 	F	M	Δ	M		- 1	Δ	S	0	N	D	1	F	M	Δ	M	1		Δ	S	23
MIN SHIFT M LEAD TIME LOCATION SUST HOURS A DAYS X LEAD TIME MFG TOTAL AFTER TOTAL							C T	0 V	E			A R		A Y	Ŭ N	Ü	U G	E	C T	0		A N		A R	P R	A Y	Ŭ N	Ŭ	U G	E	
ITEM/MANUFACTURER'S NAME LOCATION SUST HOURS A DAYS X Lockheed Martin - Aero Marietta, GA 30063-0290 12 36 INITIAL REORDER LEAD TIME MFG TIME 1 OCT 1 OCT 1 OCT TOTAL AFTER 1 OCT 1 OCT						PRODUCT	ION R	ATES							PRO	CURE	MENT	LEAD	TIME					10							•
Lockheed Martin - Aero Marietta, GA 30063-0290 12 36 PRIOR AFTER TIME 1 OCT		R'S NAME					HOUF	RS	Α							LEAD	TIME														
C-130J C																															
																					29										

P-1 Shopping List Item No. 6

Production Schedule Exhibit P-21, page 7 of 10

³ FY06 GWOT aircraft are included in the 2006 line

USMC and foreign aircraft deliveries fill in what appear to be production schedule gaps.

Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number Aircraft Procurement, Air Force, Budget Activity 02, Airlift Aircraft, Item No. 6 PROCUREMENT YEAR Structure PROCUREMENT YEAR PROCURE	Exhibit P-21, Productio	n Sched	iuie																			Da	ate: ı	-ebru	lary i	2008	1			
S	Appropriation (Treasury) Cod	e/CC/BA/I	BSA/Item (Control Nu	ımber													Р	-1 Line	e Item	n Nom	nencla	ture							
PROCUREMENT YEAR Fig. PROC. PRIOR OTY OTY OTH OT	Aircraft Procureme	nt, Air	Force	, Budg	et Acti	vity	02,	Air	lift /	Airc	raft	, Ite	m N	lo. 6	3				C-13	0J										
Craft Procurement, Air Force, Budget Activity 02, Airlift Aircraft, Item No. 6 Page																														
2007	PROCUREMENT YEAR			1 OCT	1 OCT	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	T E R
P-1 Line Item Nomenclature P-1 Line Item																														
FY2007 GWOT			9	7	2																									2
TOTAL 34 15 19 0 0 N D J F M A M J J J A S O N D J F M A M J J J A S O N D J F M A M J J J A S O N D J F M A M J J J A S O N D J F M A M J J J A S O N D J F M A M J J J A S O N D J F M A M J J J A S O N D J F M A M J J J A S O N D J F M A M J J J A S O N D J F M A M J J J A S O N D J F M A M J J J A S O N D J F M A D M J J J A S O N D J F M A D M J J J A S O N D J F M A D M J J J A S O N D J F M A D M J J J A S O N D J F M A D M J J J A S O N D D J F M A D M J J J A S O N D D J F M A D M J J J A S O N D D J F M A D M J J J A S O N D D J F M A D M J J J A S O N D D J F M A D M J J J A S O N D D J F M A D M J J J A S O N D D J F M A D M J J J A S O N D D J F M A D M J J J A S O N D D J F M A D M J J J A S O N D D J F M A D M J J J A S O N D D J F M A D M J J J A S O N D D J F M A D M J J J A S O N D D J F M A D M J J J A S O N D D J F M A D M J J J A S O N D D J F M A D M J J J A S O N D D J F M A D M J J J A S O N D D J F M J J J A S O N D D J F M A D M J J J A S O N D D J F M J J J A S O N D D J F M J J J A S O N D D J F M J J J A S O N D D J F M J J J A S O N D D J F M J J J A S O N D D J J F M J J J A S O N D D J J F M J J J A S O N D D J J F M J J J J A S O N D D J J F M J J J J A S O N D D J J F M J J J J A S O N D D J J F M J J J J A S O N D D J J F M J J J J A S O N D D J J F M J J J J J A S O N D D J J F M J J J J J J A S O N D D J J J J J J J J J J J J J J J J J																														
O N D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J J A S O N D J F M A M J J J A S O N B R R R Y N L G P T V C N B R R Y N L G P T V C N B R R R Y N L G P T V C N B R R R Y N L G P T V C N B R R R Y N L G P T V C N B R R R Y N L G P T V C N B R R R Y N L G P T V C N B R R R Y N L G P T V C N B R R R Y N L G P T V C N B R R R Y N L G P T V C N B R R R Y N L G P T V C N B R R R Y N L G P T V C N B R R R Y N L G P T V C N B R R R Y N L G P T V C N B R R R Y N L G P T V C N B R R R Y N L G P T V C N B R R R Y N L G R T T T T T T T T T T T T T T T T T T																														
MIN SHIFT M HOURS A DAYS X Lackheed Martin - Aero Marietta, GA 30063-0290 12 36 INITIAL PRIOR 1 OCT 1	707742																													
SUST HOURS A X Lockheed Martin - Aero Marietta, GA 30063-0290 12 36 REORDER REORDER TOTAL AFTER 1 OCT					PRODUCT	ION R	ATES							PRO	CURE	MENT	LEAD :	TIME										-		
30063-0290	ITEM/MANUFACTURER'S NAME				SUST	HOUR	RS	Α						DD	LEAD	TIME														
TRACTURER'S NAME Column																														
									REOR	RDER																				

P-1 Shopping List Item No. 6

Production Schedule Exhibit P-21, page 8 of 10

³ FY06 GWOT aircraft are included in the 2006 line

USMC and foreign aircraft deliveries fill in what appear to be production schedule gaps.

Exhibit P-21, Production	n Sched	lule																			D	ate: I	-ebru	uary :	2008				
Appropriation (Treasury) Code	e/CC/BA/E	3SA/Item (Control No	umber													P	-1 Lin	e Iten	n Nom	nencla	ature							
Aircraft Procureme	nt, Air	Force,	, Budg	jet Acti	ivity	, 02,	Air	lift /	Airc	raft	, Ite	m N	lo. 6	6				C-13	0J										
	S	PPOC	ACCEP. PRIOR	BALANCE DUE		2010			FIS	SCAL Y	EAR 2		ENDAF	YEAR	R 2011						FIS				EAR 201	12			L A
PROCUREMENT YEAR	R V	QTY	TO 1 OCT 2010	AS OF 1 OCT 2010	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	T E R
2007	USAF	9	7	2		1	1																						0
2010	USAF	8	0	8								1	1	1	1	1	1	1	1										0
	P-1 Line Item Nomenciature C-30J																												
C-130J C																													
P-1 Line Item Nomenclature P-1 Line Item Nomenclature P-1 Line Item Nomenclature																													
Aircraft Procurement, Air Force, Budget Activity 02, Airlift Aircraft, Item No. 6 Accept																													
				PRODUCT	ION R	ATES						10	PRO	CURE	MENT	LEAD	TIME				•								
ITEM/MANUFACTURER'S NAME		LOCATION	I		HOU	RS	Α											MFG											
Lockheed Martin - Aero				12			36											TIME											
																			29										
								REOR	RDER																				
REMARKS																													

USMC and foreign aircraft deliveries fill in what appear to be production schedule gaps.

P-1 Shopping List Item No. 6

Production Schedule Exhibit P-21, page 9 of 10

Exhibit P-21, Production	Sched	lule																			D	ate: I	-ebru	uary	2008	3			
Appropriation (Treasury) Code	/CC/BA/E	BSA/Item (Control No	ımber													Р	-1 Lin	e Iten	n Nom	nencla	ture							
Aircraft Procuremer	nt, Air	Force,	, Budg	et Acti	vity	02,	Air	lift A	۱irc	raft	, Ite	m N	lo. 6	3			C	: -13	0J										
	S	PROC.	ACCEP. PRIOR	BALANCE DUE		2012			FIS	CAL Y	EAR 2		ENDAF	R YEAR	R 2013						FIS		EAR 20 ALEND		EAR 20	14			L A
PROCUREMENT YEAR	R V	QTY	TO 1 OCT 2012	AS OF 1 OCT 2012	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	T E R
	USAF	8	7	1	1																								0
	USAF	8	0	8						1	1	1	1	1	1	1	1									ļ.,	<u> </u>		0
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				PRODUCT	ION R	ATES	•		•				PRO	CURE	MENT	LEAD	ГІМЕ	•							•	•	•	•	
ITEM/MANUFACTURER'S NAME		LOCATION	I	MIN SUST	SHIF HOUI DAYS	RS	M A X								MIN TIME			MFG			TOTAL AFTER								
Lockheed Martin - Aero		Marietta, GA 30063-0290		12			36							IOR OCT	AFT 1 C			TIME			1 OCT								
								INITIAI REORI											29										
REMARKS				ı	1		1	INLON	DEN						1					l			l						

USMC and foreign aircraft deliveries fill in what appear to be production schedule gaps.

P-1 Shopping List Item No. 6

Production Schedule Exhibit P-21, page 10 of 10

Exhibit P-40, Budget Item Justific	cation							D	ate: Februar	y 2008	
Appropriation (Treasury) Code/CC/BA/BS	A/Item Control	Number					P-1 Line	Item Nomencla	ature		
Aircraft Procurement, Air F	Force, Bu	dget Activity	02, Airlift	Aircraft,	Item No. 7	7	C-130	J Advanc	e Procure	ement	
Program Element for Code B Items:		41132F			Other Relate	d Program Ele	ments:		N/A		
	ID Code	Prior Years	FY 2010	FY 2011	FY 2012	FY 2013	To Comp	Total			
Proc Qty	A										0
Cost (\$ M)											0.000
Advance Proc Cost (\$ M)		369.900	90.000		96.000	96.000	96.000	96.000			843.900
Weapon System Cost (\$ M)		369.900	90.000	0.000	96.000	96.000	96.000	96.000	0.000	0.000	843.900
Initial Spares (\$ M)											0.000
Total Proc Cost (\$ M)		369.900	90.000	0.000	96.000	96.000	96.000	96.000	0.000	0.000	843.900
Flyaway Unit Cost (\$ M)											
Wpn Sys Unit Cost (\$ M)											

Description

The C-130J is a medium-size transport aircraft capable of performing a variety of combat delivery (tactical airlift) operations across a broad range of mission environments. The advance procurement funds appropriated for this multiyear contract will be used to procure economic order quantity (EOQ) and long-lead components, parts, and materials (contractor furnished equipment - CFE).

FY 2009 Program Justification

The FY09 advance procurement funds provide long lead items for 8 FY10 C-130Js.

P-1 Shopping List Item No. 7

Budget Item Justification Exhibit P-40, page 1 of 3

Exhibit P-10 p.1, Advance F (Page 1 - Funding)	rocuremen	t Requireme	nts Analysis	3					Dat	te: February	2008	
Appropriation (Treasury) Code/CC	/BA/BSA/Item	Control Numbe	er					P-1 Line Ite	em Nomenclatu	ıre		
Aircraft Procurement,				<mark>!, Airlift A</mark> i	ircraft, Ite	m No. 7		C-130J	Advance	Procurer	nent	ļ
Weapon System						First System A	Award Date			First System C	Completion Date	.
C130JA							Mar	-03			May-05	
					(\$ in Million							
<u>Description</u>	<u>PLT</u>	When Rqd	Prior Years	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Comp	<u>Total</u>
End Item Qty		1	15	9	9		8	8	8	8		65
CFE	$\overline{\mathbf{T}}$	T	239.900	90.000	1	80.000	80.000	80.000	80.000		$\overline{}$	649.900
GFE						16.000	16.000	16.000	16.000			64.000
EOQ			130.000									130.000
Design												0.000
Term Liability												0.000
								1				0.000
TOTAL AP			369.900	90.000	0.000	96.000	96.000	96.000	96.000	0.000	0.000	843.900
<u>Description</u>	3.6.1:	1 d HCAE		1 1	1 1	1 .	1'	1	1 12		1.1.1	

The Advance Procurement GFE funding enables the USAF to authorize and place on order materials and equipment suppliers with sufficient lead time to support the planned delivery schedule.

The Advanced Procurement CFE funding enables Lockheed Martin to authorize and place on order materials, equipment suppliers and subcontractors with sufficient lead time to support the planned delivery schedule within the context of the multiyear funding, prices, and cancellation ceilings.

The EOQ funding enables Lockheed Martin to enter into arrangements with suppliers for quantity buys of material, lifetime buys of items to avoid diminishing manufacture issues, and the implemention of lean process productivity improvements.

P-1 Shopping List Item No. 7

Advance Procurement Requirements Analysis (Page 1 - Funding) Exhibit P-10 p.1, page 2 of 3

				UNC	LASSIFI	ED						
		quirements <i>i</i>	Analysis						Date	: February 2	2008	
Appropriation (Treasury) Code/	CC/BA/BSA/Item Contr	ol Number						P-1 Line Iten	n Nomenclatur	е		
Aircraft Procuremen	term PLT OPA Unit Cost 2007 TOTA Sin Millions) TOA. \$ in Millions) TOA Sin Millions TOA Sin Million											
Weapon System												
C130JA												
				(TOA,	\$ in Millio	ns)						
					2007			2008			2009	
					Contract			Contract			Contract	<u>2009 Total</u>
					Forecast			Forecast	Cost		Forecast	Cost
Description	<u>PLT</u>	<u>QPA</u>	<u>Unit Cost</u>				2008 QTY	<u>Date</u>	Request	2009 QTY		
End Item	Contract 2007 Total Energy Code CCBABBA/Hen Control Number (CTOA, \$ in Millions) TOTAL AP 9 Nov-06 90,000 1 Nov-06 1 No		96.000									
CEE	Г	1	T		Nov. 00	00,000	ı		1	1	New 00	00,000
			1	9	NOV-06	90.000						
GFE											1100-06	16.000
FOO		ī	T	1	1	1			1			_
			+			90,000			0.000			96,000
			<u> </u>			70.000			0.000			70.000
<u>Description</u>												
	Date: February 2008 ge 2 - Budget Justification) propriation (Treasury) Code/CC/BA/BSA/Hem Control Number recraft Procurement, Air Force, Budget Activity 02, Airlift Aircraft, Item No. 7 P-1 Line Item Nomenclature			;								
planned delivery schedule.												
	ann a 11 - 11 -									001 1 1		
	-			-			ent suppliers	and subcon	tractors with s	sufficient lea	d time to	
support the planned delivery	schedule within the co	ontext of the m	nultiyear fundii	ig, prices, and	i cancellatio	on ceilings.						
The EOO for the constitution I	1. 1 1 M			1: £		. C 4 1 . 1 . 1 . 1 . C	-4: 1	c:		:		1
_		_	ments with sup	pners for qua	intity buys (n materiai, iii	enme buys o	i items to a	voia aiminisni	ing manuraci	ture issues, a	ına
the implemention of fear pro	deess productivity imp	iovements.										
Exhibit P-10 p.2, Advance Procurement Requirements Analysis Page 2- Budget Justification Page 2- Page 2- Budget Justification Page 2-												
			P-1 S	hopping List	Item No. 7	7		Adva	nce Procure	ment Requ	uirements	Analysis

Advance Procurement Requirements Analysis (Page 2 - Budget Justification) Exhibit P-10 p.2, page 3 of 3

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Exhibit P-40, Budget Item Justif	ication							D	ate: Februar	y 2008	
Appropriation (Treasury) Code/CC/BA/B	SA/Item Contro	l Number					P-1 Line	Item Nomencla	ature		
Aircraft Procurement, Air	Force, Bu	dget Activity	02, Airlift	: Aircraft,	Item No.	8	HC/M	C-130 Red	ар		
Program Element for Code B Items:		N/A			Other Relate	d Program Ele	ements:		HC/MC-130 PE65278F	Recap RDT&	Œ:
	ID Code	Prior Years	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Comp	Total
Proc Qty	A				6	8	8	8	8	77	115
Cost (\$ M)					507.677	647.328	576.583	504.304	474.707	TBD	TBD
Advance Proc Cost (\$ M)				75.221	80.000	87.360	95.398	104.174	113.758	TBD	TBD
Weapon System Cost (\$ M)		0.000	0.000	75.221	587.677	734.688	671.981	608.478	588.465	TBD	TBD
Initial Spares (\$ M)										TBD	TBD
Total Proc Cost (\$ M)		0.000	0.000	75.221	587.677	734.688	671.981	608.478	588.465	TBD	TBD
Flyaway Unit Cost (\$ M)					83.246	81.289	74.015	65.895	63.202		
Wpn Sys Unit Cost (\$ M)					97.946	91.836	83.998	76.060	73.558		

Description

HC/MC-130 Recapitalization will replace and augment the aging USAF fleets of combat rescue HC-130P/N and special operations MC-130E/P aircraft which are experiencing airworthiness, maintainability and operational limitations. The HC/MC-130 Recap Capabilities Development Document (CDD) defines a common baseline configuration for the weapon system and a FY 2012 Initial Operational Capability. The JROC validated the CDD in Nov 2007.

The FY 2008 President's Budget requested RDT&E and Advanced Procurement funds to begin the program. The FY 2008 Defense Appropriation provided \$25.190M of advanced procurement for HC-130 Recap and \$50.542 of advance procurement for MC-130 Recap.

This program has associated Research Development Test and Evaluation (RDT&E) funding in PE 64261F and PE 65278F.

FY 2009 Program Justification

AF plans to procure modified KC-130Js in FY 2009 and FY 2010 to meet the Warfighter's immediate requirement and conduct a business case analysis to determine the acquisition strategy to procure the remaining aircraft.

The following production buy profile is predicated on early cost estimates. The Air Force is updating its cost estimate and the initial indication is that funds will be sufficient for five or six aircraft depending on negotiated contract price. The FY10 PB will reflect requisite adjustments to the buy profile and costs.

FY09 FY10 FY11 FY12 FY13

PE 0207224F (ACC) 2 4 4 4 4 4 PE 0207230F (AFSOC) 4 4 4 4 4

P-1 Shopping List Item No. 8

Budget Item Justification Exhibit P-40, page 1 of 6

			UNCLASS	JIFIED						
Exhibit P-5, Weapon System Cost Analysis								e: February	2008	
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Nu							em Nomenclatur			
Aircraft Procurement, Air Force, Budge	et Activity 02	2, Airlift	Aircraft, It	em No. 8		HC/MC-	-130 Reca _l	ρ		
Manufacturer's Name/Plant City/State Location				Subline Item	n					
TBD				1						
Weapon System	Ident	1			Total Co	ost in Millions o	of Dollars			
Cost Elements	Code	1	FY 2007			FY 2008			FY 2009	
	ſ	ĺ		Total			Total			Total
		Qty	Unit Cost	Cost	Qty	Unit Cost	Cost	Qty	Unit Cost	Cost
Airframe/Engines/Accessories		ĺ			1			6	80.717	484.300
Government Furnished Equipment (GFE)		1								4.820
Engineering Change Orders (ECO)		1								10.354
FLYAWAY COST SUBTOTAL		1			1					499.474
System Engineering and Program Management		1			1					10.200
Peculiar Training Equipment		1			1					21.700
Publications/Technical Data		1			1					1.400
Peculiar Ground Support Equipment (PGSE)		1			1					5.300
Common Support Equipment (CSE)		1			1					0.500
Initial Spares		1			1					36.600
Other Government Cost		ĺ			1					7.724
SUPPORT COST SUBTOTAL		1								83.424
Gross P-1 Cost		ĺ			1					582.898
Advance Procurement (Credit)		1								-75.221
Net P-1 Cost		1								507.677
Advance Procurement		1					75.221			80.000
TOTAL PROGRAM		ĺ			1		75.221			587.677
Comments										

P-1 Shopping List Item No. 8

Weapon System Cost Analysis Exhibit P-5, page 2 of 6

					0.10L/ \	00:: :EB						
Exhibit P-5A, Procurement H	listory a	nd Planning							Dat	e: February	2008	
Appropriation (Treasury) Code/CC/E	BA/BSA/Ite	m Control Num	nber					P-1 Line Ite	em Nomenclatu	ıre		
Aircraft Procurement, A	ir Ford	e, Budge	t Activity	02, Airlift	Aircraft,	Item No. 8	3	HC/MC	-130 Reca	p		
Weapon System					Subline Iter	n						
HC-130Recap												
										Date of	Specs	Date
			Location of	RFP Issue	Contract	Contract				First	Available	Revision
WBS Cost Elements	Qty	Unit Cost	PCO	Date	Method	Type	Contractor and I	Location	Award Date	Delivery	Now?	Available?
Aircraft Procurement (FY09)	6	80.717	WPAFB		SS	FFP	Lockheed Marti Aeronautical Sy Marietta GA		Mar-08	Aug-10		
<u>Remarks</u>					<u> </u>		Mariota Off		<u> </u>			

P-1 Shopping List Item No. 8

Procurement History and Planning Exhibit P-5A, page 3 of 6

Exhibit P-21, Production Sch	nedule																			D	ate:	Febru	uary	2008	3			
Appropriation (Treasury) Code/CC/6	BA/BSA/Item	Control No	ımber													Р	-1 Lin	e Item	n Nom	nencla	ature							
Aircraft Procurement, A	Air Force	e, Budg	et Acti	vity	02,	Air	lift A	۱irc	raft	, Ite	m N	lo. 8	3			H	IC/N	IC -1	130	Red	cap							
S			BALANCE		2000		1	FIS	CAL Y	EAR 20				2000					1	FIS	SCAL Y				10			L
Е	PROC.	PRIOR	DUE		2008						CALL	ENDAR	YEAR	2009							C	ALENL	OAR YE	EAR 20	10			A
PROCUREMENT YEAR R	QTY	TO 1 OCT 2008	AS OF 1 OCT	O C	N O	D E	A N	F E	A D	A P	A V	U N	U	A U	E B	C	O V	D E	J A N	E B	A A	A P R	M A Y	U N	U	A U G	E B	E P
2009 USAF		6 0	2008 T V C N B R R Y N L G P 0 6													1	v	C	11	ь	K	K	1	1N 1	L	1	<u>r</u>	2
2010 USAF		8 0	8																								\vdash	8
2011 USAF		8 0	8																								 	8
2012 USAF		8 0	8																									8
2013 USAF		8 0	8																									8
TOTAL	3	8 0	38																				1	1		1	1	34
				O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	JUN	J J	A U G	S E P	O C T	N O V	D C	J A N	F E B	M A R	A P R	M A Y	J U	J L	A U G	S E P	
			PRODUCT	ION RA	ATES							PRO	CURE	MENT	LEAD	TIME									. –			
ITEM/MANUFACTURER'S NAME	LOCATIO	NN	MIN SUST	SHIFT HOUF DAYS	r RS	M A X							AD	MIN TIME			MFG			TOTAL AFTEF								
Lockheed Martin - Aero	Marietta, 0		12			36						PR	IOR	AF	TER	1	TIME			1 OCT								
Lockiecd Wartin - Actu	iviarietta, (<i>31</i> 1	12			30							CT		CT					. 501								
							INITIAI											29				1						
							REORI	DER																				
REMARKS																												

P-1 Shopping List Item No. 8

Production Schedule Exhibit P-21, page 4 of 6

Exhibit P-21, Productio	n Sched	ule																			Di	ate: I	-ebru	uary :	2008				
Appropriation (Treasury) Cod	e/CC/BA/E	3SA/Item (Control Nu	ımber													Р	-1 Lin	e Iten	n Nor	nencla	ature							
Aircraft Procureme	nt, Air	Force,	Budg	et Acti	ivity	02,	Air	lift A	irci	raft,	, Ite	m N	lo. 8	3			⊦	IC/N	/IC-1	130	Rec	ар							
PROCUREMENT YEAR	S E	PROC.	ACCEP. PRIOR TO	BALANCE DUE AS OF	0	2010 N	D	ī	FISC	M CAL Y	EAR 20		ENDAR	R YEAR	2011	<u> </u>	0	N	D	ī	FIS	CAL Y		012 OAR YE M	EAR 20:	12	Ι Δ	S	L A
	R V	QTY	1 OCT 2010	1 OCT 2010	C T	O V	E C	A N	E B	A R	P R	A Y	U N	U L	U G	E P	C T	O V	E C	A N	E B	A R	P R	A Y	U N	U L	U G	E P	E R
2009	USAF	6	4	2	1	1																							
2010 2011	USAF USAF	8	0	8									1	1	1	1	1	1	1	1					1	1	1	1	
2012	USAF	8	0	8	1																				1	1	1	1	
2013	USAF	8	0	8																									
TOTAL	•	38	4	34	1	1							1	1	1	1	1	1	1	1					1	1	1	1	2
					O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J	U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	U U	U L	A U G	S E P	
				PRODUCT	TION R	ATES							PRO	CURE	MENT	LEAD :	TIME												
TEM/MANUFACTURER'S NAME		LOCATION	İ	MIN SUST	SHIF HOUI DAYS	RS	M A X							ADI LEAD	MIN TIME			MFG			TOTAL AFTER								
Lockheed Martin - Aero		Marietta, GA		12	_		36							IOR OCT	AFT 1 C			TIME			1 OCT								
REMARKS INITIAL 29 REORDER																													

P-1 Shopping List Item No. 8

Production Schedule Exhibit P-21, page 5 of 6

Exhibit P-21, Productio	n Sched	ule																			D	ate: F	ebru	uary :	2008	}			
Appropriation (Treasury) Cod	e/CC/BA/E	3SA/Item (Control Nu	ımber													Р	-1 Lin	e Item	n Nom	nencla	ature							
Aircraft Procureme	nt, Air	Force	, Budg	et Acti	vity	02,	Air	lift /	Airc	raft	, Ite	m N	lo. 8	3			ŀ	IC/N	IC -1	130	Red	ар							
	S	PROC.	ACCEP. PRIOR	BALANCE DUE		2012			FIS	CAL Y	EAR 20		ENDAR	YEAR	2013						FIS	SCAL Y Ca			EAR 20	14			L A
PROCUREMENT YEAR	R V	QTY	TO 1 OCT 2012	AS OF 1 OCT 2012	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	T E R
2009	USAF	6	6	0																									0
2010	USAF	8	8	0																								<u> </u>	0
2011	USAF	8	4	4	1	1	1	1						_		<u> </u>												<u> </u>	0
2012	USAF	8	0	8									1	1	1	1	- 1	1	I	1					1	1	-	1	0
TOTAL	USAF	38	18	20	1	1	1	1					1	1	1	1	1	1	1	1			1 1 1				1	4	
TOTAL		30	10	20	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	
				PRODUCT	ION R	ATES	•						PRO	CURE	MENT	LEAD :	TIME		,		•	•		•	•		•		
ITEM/MANUFACTURER'S NAME		LOCATION		MIN SUST	SHIFT HOUF DAYS	RS	M A X								MIN TIME			MFG			TOTAL AFTEF								
Lockheed Martin - Aero		Marietta, GA		12	_		36						PR 1 C	IOR OCT	AFT 1 C			TIME			1 OCT								
								INITIA REOR				29																	
REMARKS																													

P-1 Shopping List Item No. 8

Production Schedule Exhibit P-21, page 6 of 6

Exhibit P-40, Budget Item Justification	Date: February 2008
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number	P-1 Line Item Nomenclature
Aircraft Procurement, Air Force, Budget Activity 02, Airlift Aircraft, Item No. 9	HC/MC-130 Recap Adv Proc

-									•		
Program Element for Code B Item	s:	N/A			Other Relate	d Program Ele	ements:		HC-130 Reco		
	ID Code	Prior Years	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	*	Total
Proc Qty	A	0									0
Cost (\$ M)		0.000									0.000
Advance Proc Cost (\$ M)		0.000		75.221	80.000	87.360	95.398	104.174	113.758		555.911
Weapon System Cost (\$ M)		0.000	0.000	75.221	80.000	87.360	95.398	104.174	113.758	0.000	555.911
Initial Spares (\$ M)		0.000									0.000
Total Proc Cost (\$ M)		0.000	0.000	75.221	80.000	87.360	95.398	104.174	113.758	0.000	555.911
Flyaway Unit Cost (\$ M)											
Wpn Sys Unit Cost (\$ M)											

Description

HC/MC-130 Recapitalization will replace and augment the aging USAF fleets of combat rescue HC-130P/N and special operations MC-130E/P aircraft which are experiencing airworthiness, maintainability and operational limitations. The HC/MC-130 Recap Capabilities Development Document (CDD) defines a common baseline configuration for the weapon system and a FY 2012 Initial Operational Capability. The JROC validated the CDD in Nov 2007.

The FY 2008 President's Budget requested RDT&E and Advanced Procurement funds to begin the program. The FY 2008 Defense Appropriation provided \$25.190M of advanced procurement for HC-130 Recap and \$50.542 of advance procurement for MC-130 Recap.

FY 2009 Program Justification

FY 2009 funds will provide advance procurement for long lead items for eight aircraft to be procured in FY10.

P-1 Shopping List Item No. 9

Budget Item Justification Exhibit P-40, page 1 of 3

				ι	JNCLASS	IFIED						
Exhibit P-10 p.1, Advance P (Page 1 - Funding)	rocuremen	t Requireme	nts Analysis	5					Dat	te: February	2008	
Appropriation (Treasury) Code/CC/	BA/BSA/Item	Control Numbe	r					P-1 Line Ite	m Nomenclati	ure		
Aircraft Procurement, A	Air Force	, Budget /	Activity 02	2, Airlift A	ircraft, Ite	m No. 9		HC/MC-	-130 Reca	ap Adv Pr	ОС	
Weapon System				·		First System A	ward Date	-		First System C	Completion Date	;
HC-130Recap AP												
5	DV T		D: 17	EX. 2007	(\$ in Million		EX. 2010	EX. 2011	ET. 2012	FX 2012		
<u>Description</u>	<u>PLT</u>	When Rqd	Prior Years	<u>FY 2007</u>	<u>FY 2008</u>	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Comp	<u>Total</u>
End Item Qty					ı	6	8	8	8	8	107	145
CEE	ı				75.001	00.000	07.260	05.200	104 174	112.750	TDD	555.011
CFE					75.221	80.000	87.360	95.398	104.174	113.758	TBD	555.911
GFE					ı					I		0.000
	1											
EOQ												0.000
Design												0.000
Term Liability												0.000
												0.000
TOTAL AP			0.000	0.000	75.221	80.000	87.360	95.398	104.174	113.758	0.000	555.911
<u>Description</u>						1		1				
The Advance Procurement CFE to	funding will	enable the prir	ne contractor t	to authorize a	nd place on o	rder materials	, equipment su	appliers and s	ubcontractors	s with sufficie	nt lead time to	,
support the planned delivery sche	edule.											

P-1 Shopping List Item No. 9

Advance Procurement Requirements Analysis (Page 1 - Funding) Exhibit P-10 p.1, page 2 of 3

				UNC	LASSIFI	ED						
Exhibit P-10 p.2, Advanc (Page 2 - Budget Justific		uirements /	Analysis						Date	: February 2	2008	
Appropriation (Treasury) Code	/CC/BA/BSA/Item Contro	ol Number						P-1 Line Item	Nomenclature	e		
Aircraft Procuremer	nt, Air Force, Bu	ıdget Acti	vity 02, Air	rlift Aircr	aft, Item	No. 9		HC/MC-1	30 Recap	Adv Pro	oc	
Weapon System									-			
HC-130Recap AP												
				(TOA	, \$ in Million	ns)			_			
					2007			2008			2009	
					Contract	<u>2007 Total</u>		Contract	<u>2008 Total</u>		Contract	<u>2009 Total</u>
					Forecast	Cost		Forecast	Cost		Forecast	Cost
<u>Description</u>	<u>PLT</u>	<u>QPA</u>	<u>Unit Cost</u>	2007 QTY	<u>Date</u>	Request	2008 QTY	<u>Date</u>	Request	2009 QTY	<u>Date</u>	Request
End Item												
	<u> </u>					1						
CFE								Mar-08	75.221		Nov-08	80.000
GFE				<u> </u>						<u> </u>		
F00	<u> </u>					1		T				
EOQ		 										+
Design												
Term Liability		<u> </u>			 	0.000			75 221		 	90,000
TOTAL AP		<u> </u>				0.000			75.221			80.000
Description												
The Advance Procurement C	FE funding will enable	e the prime co	ntractor to auth	norize and pla	ace on order	materials, eq	uipment supp	oliers and su	bcontractors v	with sufficie	nt lead time	to
support the planned delivery	schedule.											

P-1 Shopping List Item No. 9

Advance Procurement Requirements Analysis (Page 2 - Budget Justification) Exhibit P-10 p.2, page 3 of 3

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Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number Aircraft Procurement, Air Force, Budget Activity 02, Airlift Aircraft, Item No. 10 P-1 Line Item Nomenclature KC-135 REPLACEMENT AIRCRAFT ADVANCE PROCUREMENT Program Element for Code B Items: N/A Other Related Program Elements: N/A	Exhibit P-40, Budget Item Justif	ication							D	ate: Februar	y 2008	
ADVANCE PROCUREMENT	Appropriation (Treasury) Code/CC/BA/B	SA/Item Control	Number					P-1 Line	Item Nomencla	ature		
	Aircraft Procurement, Air	Force, Bud	dget Activity	/ 02, Airlift	Aircraft,	Item No. 1	10	KC-13	35 REPLA	CEMENT	AIRCRAF	T
Program Element for Code B Items: N/A Other Related Program Elements: N/A								ADVA	NCE PRO	CUREME	NT	
	Program Element for Code B Items:		N/A			Other Related	d Program Ele	ments:		N/A		
ID Code Prior Years FY 2007 FY 2008 FY 2009 FY 2010 FY 2011 FY 2012 FY 2013 To Comp Total		ID Code	Prior Years	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Comp	Total
Proc Qty A 5 12 13 14	Proc Qty	A					5	12	13	14		44
Cost (\$ M)	Cost (\$ M)										TBD	TBD
Advance Proc Cost (\$ M) 61.660 172.820 147.459 148.063 152.560 TBD	Advance Proc Cost (\$ M)					61.660	172.820	147.459	148.063	152.560	TBD	TBD
Weapon System Cost (\$ M) 0.000 0.000 0.000 61.660 172.820 147.459 148.063 152.560 TBD	Weapon System Cost (\$ M)		0.000	0.000	0.000	61.660	172.820	147.459	148.063	152.560	TBD	TBD

0.000

61.660

172.820

147.459

148.063

152.560

Description

Initial Spares (\$ M)

Total Proc Cost (\$ M)

Flyaway Unit Cost (\$ M)
Wpn Sys Unit Cost (\$ M)

The Air Force considered data in the Analysis of Alternatives (AoA) for KC-135 Recapitalization, industry responses to a Request for Information and two draft Request for Proposals, and is pursuing a strategy of full and open competition to select a commercial derivative replacement tanker aircraft. The KC-X is currently in source selection.

0.000

0.000

The Air Force needs to replace its aging KC-135 tankers (average age 47 years). This initial increment, known as KC-X, will replace roughly one-third of the current capability. The KC-X will be able to provide fuel to joint and coalition receivers via a boom or drogue system on every mission and will also augment the airlift fleet with cargo, passenger and medical evacuation capabilities.

The KC-X will be able to operate in day/night and adverse weather conditions to enable deployment, employment, sustainment and reployment of U.S. joint, allied and coalition forces. The KC-X will have navigation and communication equipment for world-wide operations; will have the capability for performing missions in chemical and biological environments; and will have the capability to operate in low to medium threat areas and near-high threat areas with self-defense/protection (both active and passive) capabilities and necessary battle space awareness to mitigate threats.

The KC-X development effort will also procure the necessary ground and flight test assets to support developmental/operational test. The program plans to procure four RDT&E aircraft that will be retrofitted back to production configuration.

FY 2009 Program Justification

The KC-X development effort will continue with focus on design and planning activities to support preliminary and critical design reviews, begin ground tests, and decision activities for training devices and source of repair. FY09 advanced procurement supports long lead items for five aircraft procured in FY10. These five aircraft will deliver in FY12.

P-1 Shopping List Item No. 10

Budget Item Justification Exhibit P-40, page 1 of 3

TBD

TBD

TBD

TBD

Exhibit P-10 p.1, Advance	Procuremen	nt Requireme	ents Analysi	S					Dat	te: February	2008	
(Page 1 - Funding)												
Appropriation (Treasury) Code/0	CC/BA/BSA/Item	Control Number	er					P-1 Line Ite	m Nomenclati	ure		
Aircraft Procurement	t, Air Force	e, Budget <i>i</i>	Activity 02	2, Airlift A	ircraft, Ite	em No. 10	1		REPLAC		AIRCRAFT NT	
Weapon System						First System A	Award Date	-		First System (Completion Date	Э
KC135R_AP							Feb	-08			Sep-10	
			_		(\$ in Millio							
<u>Description</u>	<u>PLT</u>	When Rqd	Prior Years	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Comp	<u>Total</u>
End Item Qty							5	12	13	14		44
CFE												0.000
GFE					0.000	61.660	172.820	147.459	148.063	152.560		682.562
EOQ												0.000
Design												0.000
Term Liability												0.000
												0.000
TOTAL AP			0.000	0.000	0.000	61.660	172.820	147.459	148.063	152.560	0.000	682.562
Description												

KC-X is in source selection.

P-1 Shopping List Item No. 10

Advance Procurement Requirements Analysis (Page 1 - Funding) Exhibit P-10 p.1, page 2 of 3

				UNC	LASSIFI	ED						
Exhibit P-10 p.2, Advand (Page 2 - Budget Justific		uirements /	Analysis						Date	: February 2	2008	
Appropriation (Treasury) Code	/CC/BA/BSA/Item Contro	ol Number						P-1 Line Item	Nomenclature	 э		
Aircraft Procureme	nt, Air Force, Bu	ıdget Acti	vity 02, Air	rlift Aircra	aft, Item	No. 10			REPLACE			Τ
Weapon System								7.507.110				
KC135R_AP												
				(TOA	, \$ in Million	ns)						
					2007 Contract Forecast	2007 Total Cost		2008 Contract Forecast	2008 Total Cost		2009 Contract Forecast	2009 Total Cost
<u>Description</u>	PLT	QPA	Unit Cost	2007 QTY	Date	Request	2008 QTY	Date	Request	2009 QTY	Date	Request
End Item												
CFE GFE						0.000			0.000			61.660
EOQ												
Design												
Term Liability												
В												
TOTAL AP						0.000			0.000			61.660
<u>Description</u>												
KC-X is in source selection.												

P-1 Shopping List Item No. 10

Advance Procurement Requirements Analysis (Page 2 - Budget Justification) Exhibit P-10 p.2, page 3 of 3

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Exhibit P-40, Budget item Justin	rication			D	ate: Februar	y 2008						
Appropriation (Treasury) Code/CC/BA/E	SSA/Item Control	Number	P-1 Line	Item Nomencla	ature							
Aircraft Procurement, Air	Force, Bud	JOIN ⁻	T CARGO	AIRCRAF	T							
Program Element for Code B Items:		N/A			Other Relate	ed Program El	ements:		N/A			
	ID Code	Prior Years	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Comp	Total	
Proc Qty	A					3	5	8	8	0		24

0.000

5.439

124.845

265.622

536.532

481.835

445.869

1860.142

Description

Total Proc Cost (\$ M)

The Joint Cargo Aircraft (JCA) program is an Army/Air Force aircraft program. It procures a commercial derivative aircraft that meets the Army's immediate needs and provides the Air Force an additional capability in meeting its intratheater airlift mission. A joint Army/Air Force Source Selection Team selected the C-27J in a full and open competition. The JCA firm fixed price contract was awarded on 13 June 2007 to L3 Communications with delivery orders for two aircraft, engineering services, cost reporting, Live Fire Test and Evaluation hardware, and logistics support. The Army began aircraft procurement in FY07. Their first aircraft delivery is scheduled for September 2008. Initial USAF procurement is planned for FY10 with delivery planned for FY12. The current program calls for 78 aircraft (54 Army and 24 Air Force).

This program has associated Research Development Test and Evaluation (RDT&E) funding in PE 41138F.

FY 2009 Program Justification

FY09 APAF BP10 funding is required to initiate support equipment procurement for Air Force base standup.

P-1 Shopping List Item No. 11

Budget Item Justification Exhibit P-40, page 1 of 5

Exhibit P-5, Weapon System Cost Analysis							Da	te: Februar	y 2008	
Appropriation (Treasury) Code/CC/BA/BSA/Item Control	Number					P-1 Line Ite	em Nomenclat	ure		
Aircraft Procurement, Air Force, Bud	lget Activity 02	2, Airlift	Aircraft, Ite	em No. 11		JOINT (CARGO A	AIRCRAF	·T	
Manufacturer's Name/Plant City/State Location				Subline Item	1					
Weapon System	Ident			1.	Total Co	ost in Millions o	of Dollars			
Cost Elements	Code		FY 2007			FY 2008			FY 2009	
		_		Total			Total			Total
		Qty	Unit Cost	Cost	Qty	Unit Cost	Cost	Qty	Unit Cost	Cost
Aircraft Recurring Production										
Engineering Change Orders										
Mission Support										
FLYAWAY COST SUBTOTAL										
Non Recurring Production (Depot Standup)										
Production/ILS Cost Data									1	
Support Equipment										5.439
Site Activation									1	
Initial Spares										
Trainer Procurement									1	
Other Training										
TICS S										
Modifications										
Software Maintenance										
SUPPORT COST SUBTOTAL										
TOTAL PROGRAM										5.439
Comments					1			ı		
FY09 APAF funding is required to initiate long-lead	item support equipm	ent procure	ment for Air Fo	orce base stan	ıdup.					
FY10 & Out: The current program calls for 78 aircra		_			_	FY07. Initial	USAF procui	rement is pla	nned for FY10.	
		P-1 Shoppi	ing List Item I	No. 11					ystem Cost A hibit P-5, pag	

Exhibit P-5A, Procurement Hi	istory aı	nd Planning							Da	te: February	/ 2008	
Appropriation (Treasury) Code/CC/B	m Control Num	nber					P-1 Line It	em Nomenclat	ıre			
Aircraft Procurement, A	ir Ford	e, Budge	t Activity	02, Airlift	Aircraft,	Item No.	11	JOINT	CARGO A	IRCRAF	Т	
Weapon System					Subline Iter	m						
LCA												
WBS Cost Elements	Qty	Unit Cost	Location of PCO	RFP Issue Date	Contract Method	Contract Type	Contractor and I	Location	Award Date	Date of First Delivery	Specs Available Now?	Date Revision Available?
FY 2010												
Joint Cargo Aircraft	3	31.221	Huntsville AL	Mar-06	С	Army	L-3 Communica Integrated Syste Greenville, TX		Jun-07	Jan-12		
FY 2011	l .											
Joint Cargo Aircraft	5	30.272	Huntsville AL	Mar-06	С	Army	L-3 Communica Integrated Syste Greenville, TX		Jun-07	Jan-13		
FY 2012												
Joint Cargo Aircraft	8	TBD	Huntsville AL		SS	Army	L-3 Communica Integrated Syste Greenville, TX			Jan-14		
FY 2013	•											
Joint Cargo Aircraft	8	TBD	Huntsville AL		SS	Army	L-3 Communica Integrated Syste Greenville, TX			Jan-15		
Remarks		-			-					_	-	

P-1 Shopping List Item No. 11

Procurement History and Planning Exhibit P-5A, page 3 of 5

Exhibit P-21, Productio	Procurement, Air Force, Budget Activity 02, Airlift Aircraft, S																				D	ate:	Febr	uary	2008	}			
Appropriation (Treasury) Cod	tion (Treasury) Code/CC/BA/BSA/Item Control Number ft Procurement, Air Force, Budget Activity 02, Airlift Aircraft, It S PROC. PRIOR TO ACCEP. PRIOR DUE 2009 TO N D J F M A A ACCEP. PRIOR OTY PRIOR TO AS OF O N D J F M A																Р	-1 Lin	e Iten	n Nom	nencla	ature							
Aircraft Procureme	nt, Air	Force,	Budg	et Acti	vity	02,	Air	lift /	4irc	raft	, Ite	m N	lo. '	11			J	OIN	IT C	AR	GO	AIR	CR	AFT	•				
	S	PROG				2009			FIS	CAL Y	EAR 2		ENDAF	R YEAF	R 2010						FIS		EAR 2		EAR 20	11			L A
PROCUREMENT YEAR	R V		TO 1 OCT	AS OF 1 OCT	O N D J F M A M J J A S O C O E A E A P A U U U E C								N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	T E R					
2010	R																									- 3			
2011	V 2009 2009 T V C N B R R Y N L G P 0 USAF 3 0 3 0																												
2012	USAF 3 0 3																									8			
2013	USAF	8	0	8																									
TOTAL		24	0	24		<u> </u>																					$ldsymbol{ldsymbol{ldsymbol{eta}}}$		24
					C	N O V	E C	J A N	F E B	M A R	A P R	M A Y	U U	U J	U G	S E P	O C T	N O V	E C	J A N	F E B	M A R	P R	M A Y	N U J	U L	U G	S E P	
				PRODUCT	ION R	ATES							PRC	CURE	MENT	LEAD T	TIME												
ITEM/MANUFACTURER'S NAME		LOCATION	ı	MIN SUST	SHIF HOUI DAYS	RS	M A X								MIN TIME			MFG			TOTAL AFTER								
L3 Comm		Waco, TX			5,110		^						PR	IOR	AF	ΓER		TIME			1 OCT								
													1 (OCT	1 C	OCT													
<u> </u>								INITIA REOR															-						
REMARKS				•													•												

P-1 Shopping List Item No. 11

Production Schedule Exhibit P-21, page 4 of 5

Exhibit P-21, Production	n Sched	ule																			Da	ate: F	ebru	uary :	2008				
Appropriation (Treasury) Cod	COCUREMENT YEAR R V OTY 1 OCT 1 OCT C O E A E A P A V OUSAF 3 0 3 0 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1																P.	-1 Lin	e Item	n Nom	nencla	ture							
Aircraft Procureme	ent, Air	Force	, Budg	et Acti	ivity	<mark>, 02</mark> ,	Air	lift /	4irc	raft	, Ite	m N	lo. 1	11			J	OIN	T C	AR	GO .	AIR	CR	AFT	•				
	S	DDOC				2011			FIS	CAL Y	EAR 2		ENDAR	R YEAR	R 2012						FIS	CAL Y		013 DAR YE	EAR 20	13			L A
PROCUREMENT YEAR	R V		1 OCT	1 OCT		O N D J F M A M J J A S O C O E A E A P A U U U E C								N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	T E R				
2010	PROCUREMENT YEAR R V PROC. QTY PRIOR TO 1 OCT 2011																									(
2011	PROCUREMENT YEAR R V TO 1 OCT 2011 TO V C O E A E A P A U U U U E C O E A E A P A U U U U E C O E A E A E A P A U U U U E C O E A E A E A P A U U U U E C O E A E A E A P A U U U U U E C O E A E A E A P A U U U U U E C O E A E A E A P A U U U U U E C O E A E A E A P A U U U U U E C O E A E A E A P A U U U U U E C O E A E A E A P A U U U U U E C O E A E A E A P A U U U U U E C O E A E A E A P A U U U U U U E C O E A E A E A P A U U U U U U U U U U U U U U U U U														1			1		1				1	1	(
2012	PROCUREMENT YEAR R QTY TO 1 OCT 2011 TO 1 OCT 2011 T V C O E A E A E A P A U U U E V C P O D D D D D D D D D D D D D D D D D D																									5			
2013	USAF	8	0	8																									8
TOTAL				0										<u> </u>	<u> </u>	_	_												
					C	N O V	E C	J A N	E B	M A R	A P R	A Y	N N	U U	U G	S E P	O C T	N O V	E C	J A N	E B	M A R	A P R	M A Y	N N	U U	A U G	S E P	
				PRODUCT	ION R	ATES							PRO	CURE	MENT	LEAD 1	ГІМЕ											-	
ITEM/MANUFACTURER'S NAME			ı	MIN SUST	SHIF	T RS	M A X							AD	MIN			MFG			TOTAL AFTER								
L3 Comm	T V C N B R R Y N L G P														TIME			1 OCT											
													ROCUREMENT YEAR ROCURE																

P-1 Shopping List Item No. 11

Production Schedule Exhibit P-21, page 5 of 5

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FY 2009 BUDGET ESTIMATES BUDGET ACTIVITY 03 – TRAINER AIRCRAFT FEBRUARY 2008

PAGE 3 – 0

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Exhibit P-40, Budget Item Justification	Date: February 2008
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number	P-1 Line Item Nomenclature
Aircraft Procurement, Air Force, Budget Activity 03, Trainer Aircraft, Item No. 12	Joint Primary Aircraft Training System
	(JPATS)

							(-,			
Program Element for Code B Items:		N/A			Other Relate	d Program Ele	ements:		0604233F, 08	804741F	
	ID Code	Prior Years	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Comp	Total
Proc Qty	A	365	48	39						0	452
Cost (\$ M)		1930.598	302.541	244.227	33.196	25.978				0.000	2536.540
Advance Proc Cost (\$ M)		0.000								0.000	0.000
Weapon System Cost (\$ M)		1930.598	302.541	244.227	33.196	25.978	0.000	0.000	0.000	0.000	2536.540
Initial Spares (\$ M)		25.837	8.183	0.000	14.750	2.560	0.470	0.000	0.000	0.000	51.800
Total Proc Cost (\$ M)		1956.435	310.724	244.227	47.946	28.538	0.470	0.000	0.000	0.000	2588.340
Flyaway Unit Cost (\$ M)		4.087	5.612	5.459							4.607
Wpn Sys Unit Cost (\$ M)		5.289	6.303	6.262							5.517

Description

JPATS supports Air Education and Training Command's (AETC) implementation of Specialized Undergraduate Pilot Training (SUPT) and the Department of Defense initiative for joint primary pilot training. The Joint Primary Aircraft Training System (JPATS) is a joint USAF/USN venture to replace the Services' fleets of primary trainer aircraft (T-37/T-34 respectively) and associated Ground Based Training Systems (GBTS). The USAF's T-37 aircraft average over 35 years of age. The T-37s have an antiquated suite of increasingly unsupportable and non-representative avionics (i.e., analog versus digital cockpit), as well as noisy, underpowered and fuel-inefficient engines. Cockpits are unpressurized, resulting in the largest number of physiological incidents in the Air Force. The JPATS T-6A offers a pressurized cockpit, anti-g suit, a 0/0 ejection seat, and increased birdstrike protection. The USAF is the executive service for JPATS. The Air Force accelerated JPATS acquisition in FY 2004 through FY 2007 to allow earlier beddown of the T-6A and earlier retirement of the T-37B.

Funding document is unexecuteable. AF requests \$27.654M be appropriated in this line item and the remaining \$5.542M be appropriated in P-1 line 63 (Aircraft Initial Spares) for proper execution.

FY 2009 Program Justification

One T-6A Operational Flight Trainer simulator will be acquired in support of Combat Systems Officer (CSO) training. Funding is programmed for JPATS program management, systems engineering and dedicated prime contractor support.

P-1 Shopping List Item No. 12

Budget Item Justification Exhibit P-40, page 1 of 9

Exhibit P-5, Weapon System Cost Analysis			Date	e: Februai	ry 2008					
Appropriation (Treasury) Code/CC/BA/BSA/Item Control No Aircraft Procurement, Air Force, Budg		3, Trainer	Aircraft,	Item No. 1	2		-		aining Sys	tem
Manufacturer's Name/Plant City/State Location				Subline Item						
Raytheon Aircraft Company/Wichita/Kansas										
Weapon System	Ident			•	Total Cos	st in Millions o	f Dollars			
Cost Elements	Code		FY 2007			FY 2008			FY 2009	
				Total			Total			Total
		Qty	Unit Cost	Cost	Qty	Unit Cost	Cost	Qty	Unit Cost	Cost
Aircraft	A	48	5.612	269.389	39	5.459	212.906			
FLYAWAY COST SUBTOTAL				269.389			212.906			
Advance Procurement	A			0.100						·
Other	A			26.429			23.921			29.196
SUPPORT COST SUBTOTAL				26.529			23.921			29.196
Ground Based Training System	A			6.623			7.400			4.000
TOTAL PROGRAM				302.541			244.227			33.196
Comments										

Comments

"Other" includes air vehicle support, integrated logistics support, and mission support.

P-1 Shopping List Item No. 12

Weapon System Cost Analysis Exhibit P-5, page 2 of 9

[&]quot;Advance Procurement" was needed for FY2006 and FY2007 to purchase main landing gear door cylinders, which have a 21-month lead time, for the FY2007 and FY2008 lot buys. The requirement for Advance Procurement is driven by the change from a FAR Part 12 (commercial) acquisition to a traditional FAR Part 15 acquisition, effective with the FY2007 lot buy. Approval for \$100,000 Advance Procurement in FY2006 was obtained through the Congressional new start notification process, to help bridge the transition from FAR part 12 to FAR part 15.

Exhibit P-5A, Procurement History and Planning	Date: February 2008
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number	P-1 Line Item Nomenclature
Aircraft Procurement, Air Force, Budget Activity 03, Trainer Aircraft, Item No. 12	Joint Primary Aircraft Training System
	(JPATS)
Weapon System Subling Item	

							[(JPATS)			
Weapon System					Subline Iter	n					
T-6		W. G.	Location of	RFP Issue	Contract	Contract			Date of First	Specs Available	Date Revision
WBS Cost Elements	Qty	Unit Cost	PCO	Date	Method	Type	Contractor and Location	Award Date	Delivery	Now?	Available?
Air Vehicle FY95	9	6.646	ASC/YT WPAFB OH	May-94	C/FPO	FPIF	Raytheon Aircraft Co Wichita, Kansas	Sep-96	Feb-00	Yes	
Air Vehicle FY96	4	3.431	ASC/YT WPAFB OH	May-94	C/FPO	FPIF	Raytheon Aircraft Co Wichita, Kansas	Apr-97	Jun-00	Yes	
Air Vehicle FY97	11	3.431	ASC/YT WPAFB OH	May-94	C/FPO	FPIF with EPA	Raytheon Aircraft Co Wichita, Kansas	Apr-97	Aug-00	Yes	
Air Vehicle FY98	22	2.959	ASC/YT WPAFB OH	May-94	C/FPO	FPIF with EPA	Raytheon Aircraft Co Wichita, Kansas	Feb-98	Mar-01	Yes	
Air Vehicle FY99	22	2.845	ASC/YT WPAFB OH	May-94	C/FPO	FPIF with EPA	Raytheon Aircraft Co Wichita, Kansas	May-99	Nov-01	Yes	
Air Vehicle FY00	29	2.596	ASC/YT WPAFB OH	May-94	C/FPO	FFP	Raytheon Aircraft Co Wichita, Kansas	Jun-00	Jun-02	Yes	
Air Vehicle FY01	34	2.431	ASC/YT WPAFB OH	May-94	C/FPO	FFP	Raytheon Aircraft Co Wichita, Kansas	May-01	Mar-03	Yes	
Air Vehicle FY02	40	4.272	ASC/YT WPAFB OH	Jun-01	C/FPO	FFP	Raytheon Aircraft Co Wichita, Kansas	Dec-01	Apr-04	Yes	
Air Vehicle FY03	35	4.596	ASC/YT WPAFB OH	Jun-01	C/FPO	FFP	Raytheon Aircraft Co Wichita, Kansas	Nov-02	Nov-04	Yes	
Air Vehicle FY04	52	4.630	ASC/YT WPAFB OH	Jun-01	C/FPO	FFP	Raytheon Aircraft Co Wichita, Kansas	Feb-04	Jul-05	Yes	
Air Vehicle FY05	53	5.025	ASC/YT WPAFB OH	Jun-01	C/FPO	FFP	Raytheon Aircraft Co Wichita, Kansas	Feb-05	Jun-06	Yes	
Air Vehicle FY06	54	5.157	ASC/YT WPAFB OH	Jun-01	C/FPO	FFP	Raytheon Aircraft Co Wichita, Kansas	Feb-06	Jun-07	Yes	

P-1 Shopping List Item No. 12

Procurement History and Planning Exhibit P-5A, page 3 of 9

· · · · · · · · · · · · · · · · · · ·												
Appropriation (Treasury) Code/CC/E	BA/BSA/Iter	n Control Num	ber					P-1 Line Ite	em Nomenclatu	ıre		
Aircraft Procurement, A	Air Ford	e, Budge	t Activity	03, Traine	er Aircraf	t, Item No		Joint P (JPATS	rimary Ai 5)	rcraft Tra	ining Sys	stem
Weapon System					Subline Iter	n						
T-6												
										Date of	Specs	Date
			Location of	RFP Issue	Contract	Contract				First	Available	Revision
WBS Cost Elements	Qty	Unit Cost	PCO	Date	Method	Type	Contractor and I	ocation	Award Date	Delivery	Now?	Available?
Air Vehicle FY07	48	5.254	ASC/YT	Mar-06	C/FPO	FFP	Hawker-Beechc	aft Corp	Feb-08	Mar-09	Yes	
			WPAFB OH				Wichita, Kansas					
Air Vehicle FY08	39	5.502	ASC/YT	Mar-06	C/FPO	FFP	Hawker-Beechc	aft Corp	Mar-08	Apr-10	Yes	
			WPAFB OH				Wichita, Kansas					

Remarks

Exhibit P-5A, Procurement History and Planning

In constant dollars, the T-6A unit price decreased from FY 1995 through FY 2001 (the term of the initial contract), then increased beginning in FY 2002, the first year of the follow-on contract. The unit price increase is caused by high demand due to the commercial nature of T-6A components and relatively small T-6A quantities, increased cost of materials, and a lower volume of foreign sales than was originally forecast. The FY2002 follow-on contract was in accordance with FAR Part 12 and incorporated commercial payments. The FY2007 follow-on contract is in accordance with FAR Part 15.

P-1 Shopping List Item No. 12

Procurement History and Planning Exhibit P-5A, page 4 of 9

Date: February 2008

Ex	hibit P-21, Productio	n Sched	dule																			D	ate:	Febru	uary	2008	;			
App	propriation (Treasury) Cod	e/CC/BA/	BSA/Item C	Control Nu	ımber													F	P-1 Lin	e Iten	n Nor	nencla	ature							\neg
	rcraft Procureme					ivitv	, na	Tra	aina	r Ai	rors	ft I	ltam	No	12				loin	f Pr	ima	rv A	ircı	aft '	Trai	ining	a 9,	/eta	m	
AII	iciait Fioculeille	FIIL, AII	roice,	, buug	CI ACI	ivity	UJ	, 116	11116	ı Aı	ICIO	, 1	ILCII	INO	. 12							ı y <i>F</i>	iii Ci	ait	Hai	111111	y S	/316	***	
																		- ((JPA	(TS)									
		S		ACCEP.	BALANCE	į.				FIS	SCAL Y	EAR 2	2001									FIS	CAL Y	EAR 20	002					L
		E E	PROC.	PRIOR	DUE		2000								R YEAI	R 2001							C	ALEND		EAR 200	02			Α
	PROCUREMENT YEAR	R	QTY	TO	AS OF	0	N	D	J	F	M	A	M	J	J	A	S	0	N	D	J	F	M	A	M	J	J	A	S	T
		V		1 OCT 2000	1 OCT 2000	C T	O V	E C	A N	E B	A R	P R	A Y	U N	U L	U G	E P	C T	O V	E C	A N	E B	A R	P R	A Y	U N	U L	U G	E P	E R
	1995	USAF	9	2000	2000	_	v	C	IN	ь	K	K	1	IN	L	G	P	1	V	C	IN	ь	K	K	1	IN		G	P	K 0
	1996	USAF	4	4	0									1				1								—			\dashv	0
	1997	USAF	11		0)																					1			0
	1998	USAF	22															4												0
	1999	USAF	22																3	7	1	2	4	4	1	<u> </u>	<u> </u>	ليلا		0
	2000	USAF	29																-							7	4	2	6	10 34
	2001	USAF USAF	34 40																							├ ──	\leftarrow	$\vdash \vdash \vdash$	\longrightarrow	40
	2003	USAF	35				1	1										1								\vdash		┼	\longrightarrow	35
	2004	USAF	52																							†			-	52
	2005	USAF	53																								1			53
	2006	USAF	54																											54
	2007	USAF	48																							<u> </u>	ــــــ			48
TOT	2008	USAF	39															4	. 5		1	_	4	4	1		1	\vdash		39
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Беді	nning with Lot 11 (F i 2004) manu	racturing tim	e begins decrea	asing to appr	oximatery 16	monus																								
Deliv	very and acceptance of FY2006 air	craft suspend	led by the gove	rnment pend	ing satisfacto	rv resol	ution of	the T-6	A wing	spar ca	np issue	. Deliv	eries ar	ticipate	ed to res	ume in	April 2	008.												
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P-1 Shopping List Item No. 12

Production Schedule Exhibit P-21, page 5 of 9

xhibit P-21, Production	n Sched	lule																			Da	ate: F	ebru	uary 2	2008				
opropriation (Treasury) Cod	de/CC/BA/E	3SA/Item C	Control Nu	umber													P-	-1 Line	e Item	Nom	encla	ture							,
ircraft Procureme	ent. Air	Force.	. Buda	et Act	ivitv	03.	Tra	inei	r Air	cra	ft. It	tem	No.	. 12			J	oint	: Pri	mar	rv A	ircr	aft '	Trai	nind	a Sv	ste	m	
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PROCUREMENT YEAR	R	QTY	TO	AS OF	0	N	D	J	F	M	A	M	J	J	A	S	0	N	D	J	F	M	A	M	J	J	A	S	
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Production Schedule Exhibit P-21, page 6 of 9

Exhibit P-21, Productio	n Sched	lule																			D	ate:	Febr	uary	2008	}			
Appropriation (Treasury) Cod Aircraft Procureme					vity	03,	Tra	ine	r Air	cra	ft, I	tem	No	. 12			J	-1 Line oint JPA	: Pri	ma			raft	Tra	inin	g S	yste	m	
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	E .	PROC.	PRIOR	DUE		2004						CALE	ENDAR	YEAR	2005							C	ALEN	DAR Y	EAR 20	06			Α
PROCUREMENT YEAR	D D	OTY	TO	AS OF	О	N	D	J	F	M	A	M	J	J	A	S	О	N	D	J	F	M	A	M	J	J	A	S	T
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2000	USAF	29		0																									<u> </u>
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2004	USAF	52		52										3	4	6	6	5	3	2		13	ϵ	5 2	. 2				<u> </u>
2005	USAF	53	0	53																					4	4	4	6	3
2006	USAF	54	0	54																									5
2007	USAF	48	0	48																									4
2008	USAF	39		39																									(1)
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					Т	V	С	N	В	R	R	Υ	N	L	G	Р	T	V	С	N	В	R	R	Υ	N	L	G	Р	l
				PRODUCT									PRO	CURE		LEAD T	ГІМЕ												
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TEM/MANUFACTURER'S NAME		LOCATION			DAYS	;	Х											TIME			AFTEF								
Raytheon		Wichita, KS		35			84						PR		AFT						1 OCT	•							
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REMARKS																													

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Production Schedule Exhibit P-21, page 7 of 9

Exhibit P-21, Production	n Sched	ule																			D	ate: F	ebru	uary 2	2008			
Appropriation (Treasury) Code	e/CC/BA/B	SA/Item C	Control Nu	ımber													P-	-1 Lin	e Item	Nom	encla	ture						
Aircraft Procureme	nt, Air	Force,	Budg	et Acti	vity	03,	Tra	ine	r Air	cra	ft, It	em	No.	. 12					t Pri		ry A	ircr	aft '	Trai	ning	g Sy	/ste	m
	S			BALANCE					FIS	CAL Y	EAR 20										FIS	CAL Y						1
	F	PROC.	PRIOR	DUE		2006						CALE	NDAR	YEAR	2007							CA	LENE	AR YE	AR 200)8		1
PROCUREMENT YEAR	R V	QTY	TO 1 OCT	AS OF 1 OCT	O C	N O V	D E	J A	F E	M A	A P	M A	J U	J U	A U	S E	O C	N O	D E	J A	F E	M A	A P	M A	J U	J U	A U	S C
2002	USAF	40	2006	2006	T	V	C	N	В	R	R	Y	N	L	G	P	T	V	C	N	В	R	R	Y	N	L	G	PI
2003	USAF	35	35	0																								
2004	USAF	52	52																									
2005	USAF	53	18			7	6	2	2	3	5	4																
2006	USAF	54	0	54									6										3	4	5	5	5	5
2007	USAF	48	0	48																								
2008	USAF	39	0	39																								
TOTAL		321	145	176	6	7	6	2	2	3	5	4	6										3	4	5	5	5	5
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				PRODUCT	ION RA	ATES	_						PRO	CUREN	_	LEAD T	TIME	-					- ' '					
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Raytheon		Wichita, KS		35	DAYS		X 84						PRI 1 O	-	AFT 1 O			TIME			1 OCT							
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Production Schedule Exhibit P-21, page 8 of 9

Exhibit P-21, Production	it P-21, Production Schedule riation (Treasury) Code/CC/BA/BSA/Item Control Number																		D	ate:	Febru	uary	2008	}					
Appropriation (Treasury) Cod	le/CC/BA/E	BSA/Item (Control Nu	umber													P-	-1 Lin	e Iten	n Nom	nencla	ature							
Aircraft Procureme	ent, Air	Force	, Budg	et Act	ivity	03,	Tra	aine	r Air	cra	ft, I	tem	No	. 12					t Pri		ry A	Aircı	aft '	Trai	inin	g Sy	/ste	m	
	S		ACCEP.	BALANCE					FIS	CAL Y	EAR 2	009									FIS	SCAL Y	EAR 2	010					L
	F	PROC.	PRIOR	DUE		2008						CALE	ENDAR	YEAR	2009							C.	ALENE	OAR YI	EAR 20	10			Α
PROCUREMENT YEAR	R V	QTY	TO 1 OCT 2008	AS OF 1 OCT 2008	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	T E R
2004	USAF	52																									_		
2005	USAF	53	53	0																									1
2006	USAF	54	33	21	. 5	4	3	4	5																				
2007	USAF	48		48						5	5	5	5	5	5	5	5	5	3										
2008	USAF	39		39																			6	6	6	7	7	7	
TOTAL TOTAL		246	138	108	_	4	3	4	5	5	5	5	5	5	5	5	5	5	3				6	6	6	7	7	7	_
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				PRODUCT	TION R	ATES							PRO	CURE	MENT I	LEAD T	IME												
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TEM/MANUFACTURER'S NAME		LOCATION		25	DAYS	j	X	4					DD	OD	٨٢٠	ED		TIME			AFTER								
Raytheon		Wichita, KS		35	1		84	1					PRI 1 C	_	AFT 1 O						1 OCT								
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Production Schedule Exhibit P-21, page 9 of 9

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FY 2009 BUDGET ESTIMATES BUDGET ACTIVITY 04 – OTHER AIRCRAFT FEBRUARY 2008

PAGE 4 – 0

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Exhibit P-40, Budget Item Justific	cation							D	ate: Februar	y 2008	
Appropriation (Treasury) Code/CC/BA/BS	SA/Item Control	Number					P-1 Line	Item Nomencla	ature		
Aircraft Procurement, Air I	Force, Bu	dget Activity	04, Othe	r Aircraft,	Item No.	13	CSAR	R-X Advan	ce Procui	rement	
Program Element for Code B Items:		N/A	d Program Ele	ements:		0604261F					
	ID Code	Prior Years	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Comp	Total
Proc Qty	A										0
Cost (\$ M)											0.000
Advance Proc Cost (\$ M)					15.000	69.200	68.400	97.500	121.700		371.800
Weapon System Cost (\$ M)		0.000	0.000	0.000	15.000	69.200	68.400	97.500	121.700	0.000	371.800
Initial Spares (\$ M)											0.000
Total Proc Cost (\$ M)		0.000	0.000	0.000	15.000	69.200	68.400	97.500	121.700	0.000	371.800
Flyaway Unit Cost (\$ M)											
Wpn Sys Unit Cost (\$ M)											

Description

The primary mission of the Combat Search and Rescue Replacement Vehicle (CSAR-X) is to recover downed aircrew and isolated personnel from hostile or denied territory. Rescue forces may also conduct other missions inherent in their capabilities to conduct Personnel Recovery (PR), such as non-conventional assisted recovery, non-combatant evacuation operations, civil search and rescue, international aid, emergency medical evacuation, disaster/humanitarian relief, and insertion/extraction of combat forces.

The CSAR-X will provide USAF Combat Rescue forces with a vertical take-off and landing aircraft that is deployable and capable of main base and austere location operations for worldwide Combat Search and Rescue (CSAR) and Joint PR missions. On-board weapons and defensive capabilities will permit the CSAR-X to operate in an increased threat environment. An in-flight refueling system will provide an airborne alert capability and extend its combat mission range. The aircraft will be self-supporting to the maximum extent practical. The CSAR-X will be capable of operating in all environmental regions of the globe, day or night, during adverse weather conditions, to include passing through Nuclear, Biological, and Chemical (NBC) environments.

Following the initial contract award in November 2006, protests have delayed the start of this program.

FY 2009 Program Justification

Funding for FY09 advance procurement is needed to support CSAR-X air vehicle procument. At an aggregate level, assets requiring long lead include but are not limited to light alloy castings and forgings, transmission system castings and forgings, structural assemblies, gearbox, and rotor assemblies.

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Budget Item Justification Exhibit P-40, page 1 of 3

Exhibit P-10 p.1, Advance (Page 1 - Funding)	Procuremen	it Requireme	nts Analysis	S				T	Dat	te: February	2008	
Appropriation (Treasury) Code/C	:C/BA/BSA/Item	Control Numbe	r					P-1 Line Ite	em Nomenclatu	Ire		
Aircraft Procurement				L Other A	ircraft. Ite	em No. 13	<u> </u>			e Procure	ment	
Weapon System	,, , , , , , , , , , , , , , , , , , , ,	, Baagot i	totivity 04	, 0 11101 71		First System A		00/111/			Completion Date	
CSAR-X AP						-	Aug-	-09			Feb-12	
Diti	DI T	W/l D 1	D.:	EV 2007	(\$ in Million		EV 2010	EV 2011	EV 2012	EV 2012	Т- С	T-4-1
<u>Description</u>	<u>PLT</u>	When Rqd	<u>Prior Years</u>	<u>FY 2007</u>	FY 2008	<u>FY 2009</u>	FY 2010	FY 2011	FY 2012	FY 2013	To Comp	<u>Total</u>
End Item Qty							2	10	10	14		36
CFE		$\overline{}$				15.000	69.200	68.400	97.500	121.700		371.800
GFE												0.000
EOQ				 1								0.000
Design		1		1								0.000
Term Liability												0.000
		Τ'										0.000
TOTAL AP		1	0.000	0.000	0.000	15.000	69.200	68.400	97.500	121.700	0.000	371.800
<u>Description</u>												
Dollars reflected above are adv	vanced procure	ment for the CS	SAR-X helico	pter, one year	r in advance o	of full funding						
Program is currently in source	selection. Sch	nedules and aua	intity are offer	or-dependent	and will be u	ındated after c	contract award	Depending	on offerors p	roposals, the (CSAR-X	
contract flexibility may allow t										opeomo, mi	20111111	
		047	<u> </u>	<u> </u>		PPOLITICAL		Profitation				

P-1 Shopping List Item No. 13

Advance Procurement Requirements Analysis (Page 1 - Funding) Exhibit P-10 p.1, page 2 of 3

				UNC	LASSIFI	ED						
Exhibit P-10 p.2, Advance (Page 2 - Budget Justifica		uirements /	Analysis						Date	: February 2	2008	
Appropriation (Treasury) Code/0	CC/BA/BSA/Item Contr	ol Number						P-1 Line Iten	Nomenclature	е		
Aircraft Procuremen	t, Air Force, Bu	ıdget Acti	vity 04, Ot	her Aircr	aft, Item	No. 13		CSAR-X	Advance	Procure	ment	
Weapon System					*							
CSAR-X AP												
				(TOA	, \$ in Millio	ns)						
					2007			2008			2009	
					Contract	<u>2007 Total</u>		Contract	<u>2008 Total</u>		Contract	<u>2009 Total</u>
					<u>Forecast</u>	Cost		Forecast	Cost		<u>Forecast</u>	<u>Cost</u>
<u>Description</u>	<u>PLT</u>	<u>QPA</u>	<u>Unit Cost</u>	2007 QTY	<u>Date</u>	Request	2008 QTY	<u>Date</u>	Request	2009 QTY	<u>Date</u>	Request
End Item		<u></u>		<u> </u>						<u> </u>		
CEE					1			1				15 000
CFE GFE				 								15.000
ULE												
EOQ				1							<u> </u>	
Design			+	+								
Term Liability		<u> </u>	+	+								
TOTAL AP						0.000			0.000			15.000
	l.		- L		ı			ı				
<u>Description</u>		6 1 0015	77.1 11		1	11.0 11						
Dollars reflected above are ad	lvanced procurement	for the CSAR-	-X helicopter, c	one year in ac	ivance of fu	ll funding.						

P-1 Shopping List Item No. 13

Advance Procurement Requirements Analysis (Page 2 - Budget Justification) Exhibit P-10 p.2, page 3 of 3

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Exhibit P-40, Budget Item Justific	cation							D	ate: Februar	y 2008	
Appropriation (Treasury) Code/CC/BA/BS	A/Item Control	Number					P-1 Line	Item Nomencla	ature		
Aircraft Procurement, Air F	Force, Buc	dget Activity	14	CV-22	Osprey						
Program Element for Code B Items:		ments:		N/A							
	ID Code	Prior Years	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Comp	Total
Proc Qty	A	7	3	5	6	5	5	5	5	7	48
Cost (\$ M)		820.169	305.536	450.730	409.027	387.646	350.039	359.148	353.991	518.577	3954.864
Advance Proc Cost (\$ M)		46.043	34.252	40.967	14.266	13.837	13.421	22.669	14.018	5.014	204.488
Weapon System Cost (\$ M)		866.213	339.788	491.697	423.293	401.483	363.460	381.817	368.009	523.592	4159.352
Initial Spares (\$ M)		141.352	45.356	75.658	41.297	79.606	64.483	60.569	85.473	63.315	657.109
Total Proc Cost (\$ M)		1007.565	385.144	567.355	464.590	481.089	427.943	442.386	453.482	586.907	4816.461
Flyaway Unit Cost (\$ M)		76.988	67.901	67.305	64.283	63.687	64.476	66.172	69.047	69.777	68.129
Wpn Sys Unit Cost (\$ M)		123.745	113.263	98.339	70.549	80.297	72.692	76.363	73.602	74.799	86.653

Description

FY2007 funding total includes \$99.252M in GWOT supplemental.

FY2008 funding totals do not include \$492.500M FY2008 GWOT requirements still pending Congressional consideration.

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, critical capability to insert, extract, and resupply special operation forces into politically or militarily denied areas, not currently provided by existing aircraft. The Navy is the lead service for the joint V-22 program and is responsible for managing all V-22 variants, including the CV-22. The program will procure and field 50 CV-22 aircraft and support equipment. The Air Force funds the procurement of the basic aircraft (V-22 common components) and contractor logistics support for operational testing and Type I training. USSOCOM funds the procurement of SOF systems unique to the CV-22, such as the terrain following radar and electronic warfare suite. The Air Force funds 85 percent of the procurement cost for CV-22 training systems, while USSOCOM funds 15 percent. The Air Force and Navy 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 qualification training is being conducted at the Special Operations Mission Qualification Schoolhouse at Kirtland AFB, NM.

Note: Two Production Representative Test Vehicles (PRTV) were built using FY02 RDT&E and are included in the total fleet of 50 CV-22s. These two PRTV aircraft were used for operational testing in FY06 and are now training assets at Kirtland AFB.

This program has associated Research Development Test and Evaluation (RDT&E) funding in PE 41314F.

FY 2009 Program Justification

The FY09 budget will provide funding to procure six CV-22 aircraft under the second year of a 5-year MYP contract for delivery in FY11.

The FY09 budget includes support elements including: Peculiar Training Equipment, Technical Publications, Production Engineering Support, Common Support Equipment, and Other Integrated Logistics Support. The funding request for CV-22 is included in the USAF Aircraft Initial Spares budget exhibits. Those funds will provide initial lay-in spares and Readiness Spares Packages for the six aircraft being procured (for Hurlburt Field) as well as spare engines. These support elements have a lead time of up to 24 months and will be used to support training operations at Kirtland AFB and mission operations at Hurlburt Field and Cannon AFB.

The FY09 budget includes Advanced Procurement funds to purchase long lead items for five CV-22 aircraft to be procured in FY10

P-1 Shopping List Item No. 14

Budget Item Justification Exhibit P-40, page 1 of 7

Exhibit P-5, Weapon System Cost Analysis							Date	e: February	2008	
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Nu Aircraft Procurement, Air Force, Budge		I, Other A	ircraft, Ite	em No. 14		P-1 Line Ite	m Nomenclatu Osprey	re		
Manufacturer's Name/Plant City/State Location				Subline Item						
Weapon System	Ident				Total Cost	t in Millions o	f Dollars			
Cost Elements	Code		FY 2007		T	FY 2008			FY 2009	
		_		Total	_		Total			Total
		Qty	Unit Cost	Cost	Qty	Unit Cost	Cost	Qty	Unit Cost	Cost
Air Frame CFE	A	3	59.859	179.576	5	59.777	298.886	6	56.683	340.096
Engines/Accessories	A			12.386			22.121			27.124
CFE Electronics	A			0.300			0.306			0.312
GFE Electronics	A			4.806			9.437			11.571
Engineering Change Orders (ECO)	A			6.634			5.774			6.595
Nonrecurring Cost	A			9.327			3.830			7.940
Parts Obsolescence	A			1.440			2.253			2.296
TOTAL FLYAWAY COST				214.469			342.607			395.934
Airframe PGSE	A			4.816			9.042			0.030
Engine PGSE	A			0.196			0.803			0.000
Avionics PGSE	A			5.406			4.875			0.000
Peculiar Training Equipment	A			9.299			35.417			3.961
Publications/Technical Data	A			2.561			7.612			7.883
Other ILS	A			67.432			51.997			11.425
Production Engr Support	A			5.296			8.366			8.270
Common SE	A			6.343			9.945			10.457
Support ECO/Mod	A			0.100			0.215			0.079
SUPPORT COST				101.451			128.271			42.105
Gross P-1 Cost				315.920			470.878			438.039
Advance Procurement (Credit)				-10.384			-20.148			-29.012
Net P-1 Cost				305.536			450.730			409.027
Advance Procurement				34.252			40.967			14.266
Weapon System Cost				339.788	69		491.697			423.293
Initial Spares				45.356			75.658			41.297
TOTAL PROGRAM				339.788			491.697			423.293
Comments										
Note: "Total Program" above does not include BP16 Ini	itial Spares funds	or BP-11 Mod	lification fund	ls.						

P-1 Shopping List Item No. 14

Weapon System Cost Analysis Exhibit P-5, page 2 of 7

Exhibit P-5A, Procurement His	tory ar	nd Planning							Dat	te: February	2008	
Appropriation (Treasury) Code/CC/BA/ Aircraft Procurement, Air				04. Other	· Aircraft.	Item No.	14	P-1 Line Ite	m Nomenclati	ure		
Weapon System		, _ a.a. g -		- 1, - 11101	Subline Iter							
CV-22												
WBS Cost Elements	Qty	Unit Cost	Location of PCO	RFP Issue Date	Contract Method	Contract Type	Contractor and I	Location	Award Date	Date of First Delivery	Specs Available Now?	Date Revision Available?
Aircraft Procurement Lot 11 (FY07)	3	67.901	NAVAIR	Mar-06	SS	FFP	Bell-Boeing, Ar	narillo TX	May-07	Dec-08	Yes	
Aircraft Procurement Lot 12 (FY08)	5	67.305	NAVAIR	Jul-06	SS	FFP	Bell-Boeing, Ar	narillo TX	Feb-08	Mar-10	Yes	
Aircraft Procurement Lot 13 (FY09)	6	64.283	NAVAIR	Jul-06	SS	FFP	Bell-Boeing, Ar	narillo, TX	Jan-09	Jan-11	Yes	
Aircraft Procurement Lot 14 (FY10)	5	63.687	NAVAIR	Jul-06	SS	FFP	Bell-Boeing, Ar	narillo, TX	Jan-10	Dec-11	Yes	

Remarks

FY08 through FY12 procurement will be ordered on Multi-Year contract scheduled to be awarded in Feb 2008.

Unit cost is flyaway recurring unit cost

P-1 Shopping List Item No. 14

Procurement History and Planning Exhibit P-5A, page 3 of 7

Exhibit P-21, Production	n Sched	lule																D	ate:	Febr	uary	2008							
Appropriation (Treasury) Code Aircraft Procureme					ivity	, 04,	Otl	ner .	Airc	raft	, Ite	m N	lo. ′	14						n Non		ature							
	S	PROC.	ACCEP. PRIOR	BALANCE DUE		2002			FIS	CAL Y	EAR 2		ENDAR	YEAR	2003						FIS		YEAR 2 ALENI	004 DAR YE	EAR 200	04			L A
PROCUREMENT YEAR	R V	QTY	TO 1 OCT 2002	AS OF 1 OCT 2002	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	T E R
2004	USAF	2	0	2																									2
2005	USAF	3	(3																									3
2006	USAF	2	(2																ļ				ļ					2
2007	USAF USAF	3	0	3	1																		ļ						3
2008	USAF	5		5	+	1	1								1					1				1			1		5
2010	USAF	5) 5	1																								5
2011	USAF	5	(5																	1								5
2012	USAF	5	0	5																									5
2013	USAF	5	C	5																									5
TOTAL	•	41	0	41																									41
					O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	N D	Ŋ	A U G	S E P	O C T	N 0 V	D E C	J A N	F E B	M A R	A P R	M A Y	Ŋ	D L	A U G	S E P	
				PRODUCT									PRO	CURE	MENT	LEAD 7	TIME												
ITEM/MANUFACTURER'S NAME		LOCATION		MIN SUST	SHIF HOU DAYS	RS	M A X							AD LEAD	MIN TIME			MFG			TOTAL AFTER								
Bell-Boeing		Amarillo TX		11	2,110		48							IOR OCT	AF			TIME			1 OCT								
		ļ						INITIA								6			36			44	4						
DEMARKS								REOF	NEK				I							<u> </u>			<u> </u>						

REMARKS
Minimum sustaining rate includes MV-22 production;

FY02: Two Production Representative Test Vehicles were funded with FY02 RDT&E and delivered in Sep 05 and Oct 05

P-1 Shopping List Item No. 14

Production Schedule Exhibit P-21, page 4 of 7

Exhibit P-21, Production	n Sched	lule																D	ate:	Febr	uary	2008							
Appropriation (Treasury) Code Aircraft Procureme																		n Non		ature									
	S	PROC.	ACCEP. PRIOR	BALANCE DUE		2004			FIS	CAL Y	EAR 2		ENDAR	YEAR	2005						FIS		EAR 2 ALENI	006 DAR YE	EAR 20	06			L A
PROCUREMENT YEAR	R V	QTY	TO 1 OCT 2004	AS OF 1 OCT 2004	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	T E R
2004	USAF	2	(2																		1		1					0
2005	USAF	3	(3																									3
2006	USAF USAF	2	(2	_																								2
2007	USAF	5	(3																									5
2009	USAF	6	() 6																									6
2010	USAF	5	(5																									5
2011	USAF	5	(5																									5
2012	USAF	5	(5																									5
2013	USAF	5	(5																									5
TOTAL		41	(41																		1		1					39
					O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	N N	U U	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	N U	J U L	A U G	S E P	
				PRODUCT									PRO	CURE	MENT	LEAD 7	TIME												
ITEM/MANUFACTURER'S NAME		LOCATION	ı	MIN SUST	SHIF HOU DAYS	RS	M A X							AD LEAD	MIN TIME			MFG			TOTAL AFTER								
Bell-Boeing		Amarillo TX		11	57(1)		48]						IOR OCT	AF			TIME			1 OCT								
								INITIA								6			36			44							
DEMARKS								REOF	NER											<u> </u>									

REMARKS
Minimum sustaining rate includes MV-22 production;

FY02: Two Production Representative Test Vehicles were funded with FY02 RDT&E and delivered in Sep 05 and Oct 05

P-1 Shopping List Item No. 14

Production Schedule Exhibit P-21, page 5 of 7

Exhibit P-21, Production	on Sched	lule																			D	ate:	Febr	uary	2008				
Appropriation (Treasury) Cod Aircraft Procureme					ivity	, 04,	Otl	her .	Airc	raft	, Ite	m N	lo.	14				0-1 Lin				ature							
	S	PROC.	ACCEP. PRIOR			FISCAL YEAR 2007 F 2006 CALENDAR YEAR 2007								FIS		YEAR 2008 CALENDAR YEAR 2008						L A							
PROCUREMENT YEAR	R V	QTY	TO 1 OCT 2006	AS OF 1 OCT 2006	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	T E R
2004	USAF	2	2	2 0)																								0
2005	USAF	3	(3			1				1			1															0
2006	USAF	2	() 2																1						1	↓		0
2007	USAF	3	() 3	-	<u> </u>		ļ																			<u> </u>	ļ	3
2008	USAF USAF	5	() 5	+	ļ							-														₩		5
2009	USAF	6	() 6		-		<u> </u>							-	ļ							-	ļ			├ ──	<u> </u>	- 6
2010	USAF	5	() 5	+	1		1							1								1				\vdash	1	5
2012	USAF	5	() 5	-	1	1	1											1		1						\vdash	1	5
2013	USAF	5	() 5	1																		1				\vdash		5
TOTAL	CBH	41	2	2 39)	1	1				1			1						1	1					1	\vdash		34
					O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	N N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	N N	J L	A U G	S E P	
				PRODUCT									PRO			LEAD :	TIME												
MIN SHIFT SUST HOURS ITEM/MANUFACTURER'S NAME LOCATION DAYS						M A X								MIN TIME			MFG TOTAL												
ITEM/MANUFACTURER'S NAME Bell-Boeing								1					DD	IOR	ΔE	TER	ł	TIME			AFTER 1 OCT								
Ben-Boeing	Timemo IX							1						CT		OCT					1001								
		1						INITIA	۸L				<u> </u>		†	6	1		36			44	1						
								REOF	RDER														1						
REMARKS																													

Minimum sustaining rate includes MV-22 production;
FY02: Two Production Representative Test Vehicles were funded with FY02 RDT&E and delivered in Sep 05 and Oct 05

P-1 Shopping List Item No. 14

Production Schedule Exhibit P-21, page 6 of 7

Exhibit P-21, Production	on Sched	lule																			D	ate:	Febr	uary	2008				
Appropriation (Treasury) Cod Aircraft Procureme					ivity	, 04,	Otl	ner .	Airc	raft	, Ite	m N	lo.	14				-1 Lin				ature							
	S	PROC.	ACCEP. PRIOR	BALANCE DUE		2008										YEAR 2010 CALENDAR YEAR 2010						L A							
PROCUREMENT YEAR	R V	QTY	TO 1 OCT 2008	AS OF 1 OCT 2008	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	T E R
2004	USAF	2	2	2 0)																								0
2005	USAF	3	3	0																									0
2006	USAF	2	2	2 0)		<u> </u>					<u> </u>							<u> </u>										0
2007	USAF	3	(3			1					1							1								<u> </u>		0
2008	USAF USAF	5	() 5	-	1	ļ									<u> </u>						1		1		1	<u> </u>	1	1
2009	USAF	5	() 6																									5
2010	USAF	5	(5	+	<u> </u>	1					1	-		1	1	-		ł	1	1	1	1	1			1	1	5
2012	USAF	5	() 5																									5
2013	USAF	5	(5											1						1		1						5
TOTAL		41	7	7 34			1					1			1				1		1	1	1	1		1		1	27
		•			O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U V	J U	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	N N	J J	A U G	S E P	
				PRODUCT									PRO			LEAD :	TIME												
MIN SHIFT SUST HOURS ITEM/MANUFACTURER'S NAME LOCATION DAYS						M A X								MIN TIME			MFG TOTAL												
ITEM/MANUFACTURER'S NAME Bell-Boeing								1					PR	IOR	AF	TER	1	TIME			AFTER 1 OCT								
Ben Boeing	in Booms						48							CT		OCT													
								INITIA	۸L							6			36			44	1						
								REOF	RDER																				
REMARKS																													

Minimum sustaining rate includes MV-22 production;

FY02: Two Production Representative Test Vehicles were funded with FY02 RDT&E and delivered in Sep 05 and Oct 05

P-1 Shopping List Item No. 14

Production Schedule Exhibit P-21, page 7 of 7

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Exhibit P-40, Budget Item Justifi	cation							D	ate: Februar	y 2008		
Appropriation (Treasury) Code/CC/BA/BS	SA/Item Contro	P-1 Line	P-1 Line Item Nomenclature									
Aircraft Procurement, Air	Force, Bu	dget Activity	/ 04, Othe	r Aircraft,	Item No.	15	CV-22	(Osprey)	Advance	e Procure	ment	
Program Element for Code B Items:		N/A			Other Relate	d Program Ele	ements:		N/A			
	ID Code	Prior Years FY 2007		FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Comp	Total	
Proc Qty	A										0	
Cost (\$ M)											0.000	
Advance Proc Cost (\$ M)		46.043	34.252	40.967	14.266	13.837	13.421	22.669	14.018	5.014	204.488	
Weapon System Cost (\$ M)		46.043	34.252	40.967	14.266	13.837	13.421	22.669	14.018	5.014	204.488	
Initial Spares (\$ M)											0.000	
Total Proc Cost (\$ M)		46.043	34.252	40.967	14.266	13.837	13.421	22.669	14.018	5.014	204.488	
Flyaway Unit Cost (\$ M)												
Wpn Sys Unit Cost (\$ M)												

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, critical capability to insert, extract, and resupply special operation forces into politically or militarily denied areas, not currently provided by existing aircraft. 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 program will procure and field 50 CV-22 aircraft and associated configuration items (CIs). The Air Force funds the procurement of the basic aircraft (V-22 common components) and contractor logistics support for operational testing and support, and Type I training. USSOCOM funds the procurement of SOF systems unique to the CV-22, such as the terrain following radar and electronic warfare suite. The Air Force funds 85 percent of the procurement cost for CV-22 training systems, while USSOCOM funds 15 percent.

FY 2009 Program Justification

The FY09 budget includes \$14.3M for long lead items to support an FY08 through FY12 multi-year procurement contract.

P-1 Shopping List Item No. 15

Budget Item Justification Exhibit P-40, page 1 of 3

Exhibit P-10 p.1, Advance F (Page 1 - Funding)	Procurement	Requireme	ents Analysis	3					Dat	e: February	2008	
Appropriation (Treasury) Code/CC	/BA/BSA/Item C	Control Numbe	r					P-1 Line Ite	m Nomenclatu	ıre		
Aircraft Procurement,	Air Force,	Budget A	Activity 04	m No. 15		CV-22 (Osprey)) Advance Procurement				
Weapon System						First System A	ward Date	•			Completion Date	
CV22AP	<u> </u>		Mar	-03			Feb-06					
Description	ргт	When Dad	Dei on Voors	EV 2007	(\$ in Million		EV 2010	EV 2011	EV 2012	EV 2012	To Comm	Total
<u>Description</u>	PLT 24	When Rqd	Prior Years	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Comp	<u>Total</u>
End Item Qty	34		7	3	5	6	5	5	5	5	7	48
CFE	34		46.043									46.043
GFE												0.000
			l l	Į.		Į.		Į.	l.	L	L	
EOQ												0.000
Design												0.000
Term Liability												0.000
EOQ/Long-Lead for FY08	32			20.148								20.148
EOQ/Long-Lead for FY09	32			0.820	28.192							29.012
EOQ/Long-Lead for FY10	32			5.325	3.596	14.266						23.187
EOQ/Long-Lead for FY11	32			3.352	4.865		13.837					22.054
EOQ/Long-Lead for FY12	32			4.607	4.314			13.421				22.342
EOQ/Long-Lead for FY13	32								22.669			22.669
EOQ/Long-Lead for FY14	32									14.018		14.018
EOQ/Long-Lead for FY15	32										5.014	5.014
TOTAL AP			46.043	34.252	40.967	14.266	13.837	13.421	22.669	14.018	5.014	204.488

Description

Airframe CFE requirements are long lead parts and materials necessary to protect the delivery schedule. Includes (but is not limited to) ADF Antenna/Processor, AN/APN-194 Radar Altimeter Antenna, AN/ARN-147 (V), and External Power Monitor.

Select components to facilitate reductions in production set-up will be procured at economic order quantities (EOQ). Examples of the most advantageous items to procure utilizing EOQ funding include components such as Forward Looking Infrared Sensor (FLIR), Multi-Function Displays (MFDs), Interface Units, Flight Control System and various machined parts and hydraulic components.

P-1 Shopping List Item No. 15

Advance Procurement Requirements Analysis (Page 1 - Funding) Exhibit P-10 p.1, page 2 of 3

Exhibit P-10 p.2, Advance Pr (Page 2 - Budget Justificatio		Date: February 2008															
Appropriation (Treasury) Code/CC/E	•	l Number						P-1 Line Item Nomenclature									
Aircraft Procurement, A			ivity 04, Ot	her Aircr	aft, Item	No. 15		CV-22 (C	Osprey) A	Advance	ment						
Weapon System			-														
CV22AP																	
				(TOA,	\$ in Millio	ns)											
					2007			2008			2009						
					Contract	<u>2007 Total</u>		Contract	<u>2008 Total</u>		Contract	<u>2009 Total</u>					
					Forecast	Cost		Forecast	Cost		Forecast	Cost					
<u>Description</u>	<u>PLT</u>	<u>QPA</u>	<u>Unit Cost</u>	2007 QTY	<u>Date</u>	Request	2008 QTY	<u>Date</u>	Request	2009 QTY	<u>Date</u>	Request					
End Item																	
CFE	34																
GFE																	
			_								_						
EOQ																	
EOQ/Long-Lead for FY08	32			5		20.148											
EOQ/Long-Lead for FY09	32			6	Jun-07	0.820	ϵ	Feb-08	28.192								
EOQ/Long-Lead for FY10	32			5	Jun-07	5.325	5	Feb-08	3.596	5	Jan-09	14.266					
EOQ/Long-Lead for FY11	32			5	Jun-07	3.352	5	Feb-08	4.865								
EOQ/Long-Lead for FY12	32			5	Jun-07	4.607	5	Feb-08	4.314								
EOQ/Long-Lead for FY13	32																
EOQ/Long-Lead for FY14	32																
EOQ/Long-Lead for FY15	32																
TOTAL AP						34.252			40.967			14.266					
<u>Description</u>																	

Airframe CFE requirements are long lead parts and material necessary to protect the delivery schedule, including (but not limited to) ADF Antenna/Processor, AN/APN-194 Radar Altimeter Antenna, AN/ARN-147 (V), and External Power Monitor.

Select components to facilitate reductions in production set-up will be procured at economic order quantities (EOQ). Examples of the most advantageous items to procure utilizing EOQ funding include components such as Forward Looking Infrared Sensor (FLIR), Multi-Function Displays (MFDs), Interface Units, Flight Control System, and various machined parts and hydraulic components.

P-1 Shopping List Item No. 15

Advance Procurement Requirements Analysis
(Page 2 - Budget Justification)
Exhibit P-10 p.2, page 3 of 3

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Exhibit P-40, Budget Item Justifica	ation							L	ate: Februar	y 2008	
Appropriation (Treasury) Code/CC/BA/BSA	VItem Control I	Number					P-1 Line	Item Nomencl	ature		
Aircraft Procurement, Air Fo	orce, Bud	get Activity	04, Othe	r Aircraft,	Item No.	16	Coml	oat Flight	Inspection	n Aircraft	(CFIN)
Program Element for Code B Items:		N/A			Other Relate	d Program El	ements:		0305114F		
	ID Code	Prior Years	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Comp	Total

	ID Code	Prior Years	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Comp	Total
Proc Qty	A				1						1
Total Proc Cost (\$ M)			0.000	0.000	31.877	0.000	0.000	0.000	0.000		31.877

Description

The Combat Flight Inspection (CFIN) aircraft are used to perform in-flight wartime/peacetime/contingency inspections and evaluations of Air Traffic Control systems and procedures (e.g., instrument departures, arrivals, and approaches) to ensure that navigational aids (NAVAIDs) provide safe guidance for instrument flight, especially at night or adverse weather. Since 9/11 almost 600 CFIN sorties have been flown in support of OEF/OIF.

By a Memorandum Of Agreement (MOA) between the Air Force and the Federal Aviation Administration (FAA), the FAA accepted responsibility for the flight inspection program from the DOD in March 1991. As a part of this MOA, the AF transferred its organic CFIN aircraft to the FAA who assumed the responsibility to operate and maintain the fleet. The current CFIN aircraft is the C-29 Hawker which does not have the range and capacity to support current worldwide deployments, has an operational availability of 80%, and suffers from severe wet wing corrosion problems. These capability gaps and deficiencies limit the Air Force's ability to provide rapid and flexible support to mission tasking and have driven the Air Force and FAA to establish a program to replace the C-29 with the Bombardier Challenger 600 (CL-600) series aircraft. Six aircraft are required to support operational war plan tasking. Per the joint AF/FAA MOA, the FAA owns and maintains (maintenance and fuel) the CFIN aircraft and the Air Force provides flight crews. The joint Air Force/FAA MOA, also stipulates that the FAA will provide five new aircraft and the Air Force one. The FAA has already procured four CL-600 series aircraft and phased out three C-29s.

Purchase of this aircraft continues the conversion of the CFIN fleet from the C-29s to CL-600 series aircraft and satisfies the Air Force MOA commitment. Now that the Air Force has funded the fifth aircraft, the FAA will procure the sixth and final CFIN aircraft in FY08/09 which will allow phase-out of the last three C-29s.

FY 2009 Program Justification

The FY09 budget includes \$31.877M to procure one CL-600 aircraft as an optie last option year on the contract is FY09.

P-1 Shopping List Item No. 16

Budget Item Justification Exhibit P-40, page 1 of 4

Exhibit P-5, Weapon System Cost Analysis							Da	ate: February	2008	
Appropriation (Treasury) Code/CC/BA/BSA/Item Control N	lumber					P-1 Line Ite	m Nomenclat	ture		
Aircraft Procurement, Air Force, Bud	get Activity 04	4, Other	Aircraft, It	em No. 16	;	Combat	t Flight Ir	nspection	Aircraft (C	CFIN)
Manufacturer's Name/Plant City/State Location				Subline Item	ı					
Bombardier Aerospace Corp				T						
Weapon System	Ident				Total Co	ost in Millions o	f Dollars			
Cost Elements	Code		FY 2007			FY 2008			FY 2009	
				Total			Total			Total
		Qty	Unit Cost	Cost	Qty	Unit Cost	Cost	Qty	Unit Cost	Cost
Bombardier Challenger 600 (CL-600) aircraft								1	31.877	31.877
TOTAL PROGRAM										31.877
Comments										

P-1 Shopping List Item No. 16

Weapon System Cost Analysis Exhibit P-5, page 2 of 4

Exhibit P-5A, Procurement Hi	istory aı	nd Planning	3						Dat	te: February	2008	
Appropriation (Treasury) Code/CC/Ba	A/BSA/Ite	m Control Nur	nber					P-1 Line It	em Nomenclati	ure		
Aircraft Procurement, A	ir Ford	ce, Budge	et Activity	04, Other	Aircraft,	Item No.	16	Comba	t Flight In	spection	Aircraft	(CFIN)
Weapon System					Subline Ite	m						
CFIN					Combat Fli	ght Inspection	Aircraft (CFIN)					
			Location of	RFP Issue	Contract	Contract				Date of First	Specs Available	Date Revision
WBS Cost Elements	Qty	Unit Cost	PCO	Date	Method	Type	Contractor and	Location	Award Date	Delivery	Now?	Available?
Bombardier Aerospace Corp	1	31.877	FAA/AMQ 340, Oklahoma City, OK	Dec-03	С	FFP	Bombardier Ae Corp	rospace	Jan-09	Nov-09	Yes	
Remarks		•			•	•	•				•	•

P-1 Shopping List Item No. 16

Procurement History and Planning Exhibit P-5A, page 3 of 4

P-21, Production	n Sched	ule																			D	ate: I	=ebru	uary :	2008				
tion (Treasury) Code	e/CC/BA/E	SSA/Item (Control Nu	ımber													P.	-1 Lin	e Iten	n Nom	nencla	ature							
ft Procureme	nt, Air	Force,	Budg	et Acti	ivity	04,	Oth	ner /	Airc	raft	, Ite	m N	lo. ′	16			C	om	bat	Flig	jht l	nsp	ect	ion	Airc	raf	t (CF	FIN))
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	E	PROC.		-					_			CALE	NDAR	R YEAR	2009	-	-		_			C	ALEND	AR YE	EAR 20:	10			A
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		1		PRODUCT	ION R	ATES		·					PRO	CURE	MENT	LEAD 1	ГІМЕ												
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Aerospace Corp		Richardson,	TX	1	1 - 8 -	5	5														1 OCT								
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ti f	ion (Treasury) Code t Procureme OCUREMENT YEAR	ion (Treasury) Code/CC/BA/E T Procurement, Air S E R V USAF	The procurement, Air Force, S. S. D. C.	ion (Treasury) Code/CC/BA/BSA/Item Control Note Procurement, Air Force, Budg S PROC. PRIOR TO 1 OCT 2008 USAF FACTURER'S NAME LOCATION	ion (Treasury) Code/CC/BA/BSA/Item Control Number It Procurement, Air Force, Budget Activation S PROC. PRIOR DUE TO AS OF 1 OCT 2008 2008 USAF USAF DECEMBER 1 OCT 1 OCT 1 OCT 1 OCT 1 OCT 1 OCT 2008 2008 PRODUCT MIN SUST	ion (Treasury) Code/CC/BA/BSA/Item Control Number It Procurement, Air Force, Budget Activity S	S	Courement	Courement	S	Courement	Courement	Courement	Courement	Courement	Courement	ion (Treasury) Code/CC/BA/BSA/Item Control Number In the procurement, Air Force, Budget Activity 04, Other Aircraft, Item No. 16 S	Procurement, Air Force, Budget Activity 04, Other Aircraft, Item No. 16 Courement, Air Force, Budget Activity 04, Other Aircraft, Item No. 16 Courement, Air Force, Budget Activity 04, Other Aircraft, Item No. 16 Courement, Air Force, Budget Activity 04, Other Aircraft, Item No. 16 Courement, Air Force, Budget Activity 04, Other Aircraft, Item No. 16 Courement, Air Force, Budget Activity 04, Other Aircraft, Item No. 16 Courement, Air Force, Budget Activity 04, Other Aircraft, Item No. 16 Courement, Air Force, Budget Activity 04, Other Aircraft, Item No. 16 Courement, Air Force, Budget Activity 04, Other Aircraft, Item No. 16 Courement, Air Force, Budget Activity 04, Other Aircraft, Item No. 16 Courement, Air Force, Budget Activity 04, Other Aircraft, Item No. 16 Courement, Air Force, Budget Activity 04, Other Aircraft, Item No. 16 Courement, Air Force, Budget Activity 04, Other Aircraft, Item No. 16 Courement, Air Force, Budget Activity 04, Other Aircraft, Item No. 16 Courement, Air Force, Budget Activity 04, Other Aircraft, Item No. 16 Courement, Air Force, Budget Activity 04, Other Aircraft, Item No. 16 Courement, Air Force, Budget Activity 04, Other Aircraft, Item No. 16 Courement, Air Force, Budget Activity 04, Other Aircraft, Item No. 16 Courement, Air Force, Budget Activity 04, Other Aircraft, Item No. 16 Courement, Air Force, Budget Activity 04, Other Aircraft, Item No. 16 Courement, Air Force, Budget Activity 04, Other Aircraft, Item No. 16 Courement, Air Force, Budget Activity 04, Other Aircraft, Item No. 16 Courement, Air Force, Budget Activity 04, Other Aircraft, Item No. 16 Courement, Air Force, Budget Activity 04, Other Aircraft, Item No. 16 Courement, Air Force, Budget Activity 04, Other Aircraft, Item No. 16 Courement, Air Force, Budget Activity 04, Other Air Force, Budget Activity 04, Other Aircraft, Air Fo	P-1 Lin	P-1 Line Item P-1 Line Ite	P-1 Line Item Nome	P-1 Line tem Nomencial P-1 Line tem Nomencial P-1 Line tem Nomencial	P-1 Line Item Nomenclature Combat Item Nomenclature P-1 Line Item Nomenclature	P-1 Line Item Nomenclature P-1 Line Item Nomenclature P-1 Line Item Nomenclature	P-1 Line Item Nomenclature P-1 Line Item Nomenclature P-1 Line Item Nomenclature	P-1 Line tem Nomenclature	P-1 Line Item Nomenclature	P-1 Line tem Nomenclature P-1 Line tem Nomenclature	P-1 Line Item Nomenclature Combat Flight Inspection Aircraft (CFIN) P-1 Line Item Nomenclature Combat Flight Inspection Aircraft (CFIN) P-1 Line Item Nomenclature Combat Flight Inspection Aircraft (CFIN) P-1 Line Item Nomenclature Combat Flight Inspection Aircraft (CFIN) P-1 Line Item Nomenclature Combat Flight Inspection Aircraft (CFIN) P-1 Line Item Nomenclature Combat Flight Inspection Aircraft (CFIN) P-1 Line Item Nomenclature Combat Flight Inspection Aircraft (CFIN) P-1 Line Item Nomenclature Combat Flight Inspection Aircraft (CFIN) P-1 Line Item Nomenclature Combat Flight Inspection Aircraft (CFIN) P-1 Line Item Nomenclature Combat Flight Inspection Aircraft (CFIN) P-1 Line Item Nomenclature Combat Flight Inspection Aircraft (CFIN) P-1 Line Item Nomenclature Combat Flight Inspection Aircraft (CFIN) P-1 Line Item Nomenclature Combat Flight Inspection Aircraft (CFIN) P-1 Line Item Nomenclature Combat Flight Inspection Aircraft (CFIN) P-1 Line Item Nomenclature Combat Flight Inspection Aircraft (CFIN) P-1 Line Item Nomenclature Combat Flight Inspection Aircraft (C

P-1 Shopping List Item No. 16

Production Schedule Exhibit P-21, page 4 of 4

Exhibit P-40, Budget Item Justi	fication							D	ate: Februar	y 2008	
Appropriation (Treasury) Code/CC/BA/	BSA/Item Contro	Number					P-1 Line	Item Nomencla	ature		
Aircraft Procurement, Air	Force, Bu	dget Activity	C-40								
Program Element for Code B Items:		N/A			Other Relate	d Program Ele	ements:		None		
	ID Code	Prior Years	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Comp	Total
Proc Qty	A			2		1	1				4
Total Proc Cost (\$ M)			0.000	48.287	0.000	27.880	25.792	0.000	0.000		101.959

Description

This line item provides funding to purchase Air Force C-40 aircraft. The C-40 is a military variant of the commercial 737 Boeing Business Jet. The C-40 provides improved reliability, reduced O&S cost, the latest navigation and safety features, and complies with international and FAA noise and emissions standards. FY10-11 funding purchases C-40s leased from Boeing under FY02 authorizing legislation. Air Force plans to purchase the aircraft at pre-negotiated prices as lease terms expire.

FY 2009 Program Justification

No	activity	p]	lanned	•
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P-1 Shopping List Item No. 17

Budget Item Justification Exhibit P-40, page 1 of 3

Exhibit P-5, Weapon System Cost Analysis							Date	e: Februar	y 2008	
Appropriation (Treasury) Code/CC/BA/BSA/Item Control	Number					P-1 Line Iter	m Nomenclatu	re		
Aircraft Procurement, Air Force, Buc	Iget Activity 04	, Other I	Aircraft, It	em No. 17	•	C-40				
Manufacturer's Name/Plant City/State Location				Subline Item						
Boeing Aerospace/Seattle/WA										
Weapon System	Ident			<u> </u>	Total Co	ost in Millions of	f Dollars			
Cost Elements	Code		FY 2007			FY 2008			FY 2009	
				Total			Total			Total
		Qty	Unit Cost	Cost	Qty	Unit Cost	Cost	Qty	Unit Cost	Cost
AIRCRAFT PURCHASE	A				-	24.144	48.287			
TOTAL PROGRAM							48.287			

P-1 Shopping List Item No. 17

Weapon System Cost Analysis Exhibit P-5, page 2 of 3

Exhi	bit P-21, Production	n Sched	ule																			D	ate: l	Febru	uary :	2008				
Appro	priation (Treasury) Code	e/CC/BA/E	3SA/Item (Control No	umber													F	P-1 Lin	e Iten	n Nom	nencla	ature							
Airc	raft Procureme	nt, Air	Force	, Budg	et Acti	vity	04,	Otl	her A	Airc	raft	, Ite	m N	lo. ′	17				C-40											
		S		ACCEP. PRIOR	BALANCE DUE		0			F	ISCAL	YEAR		LEND <i>A</i>	AR YEA	AR 1						F		YEAR CALEN		YEAR 2	,			L A
	PROCUREMENT YEAR	E R V	PROC. QTY	TO 1 OCT 0	AS OF 1 OCT 0	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	T E R
2	008	USAF	2	. 0	2												2													0
	010	USAF	1	0	1																							<u> </u>		1
	011	USAF	1	0	1												<u> </u>											↓		1
TOTAL	•		4	0	4	_		_	.	_					<u> </u>		2	_	-	_			.	_		<u> </u>		<u> </u>		2
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					PRODUCT	ION R	ATES	•	•				•	PRO	CURE	MENT	LEAD	TIME					•		•		•		•	
ITEM/M	MANUFACTURER'S NAME		LOCATION	N	SUST	SHIF HOUI DAYS	RS	M A X								MIN TIME			MFG			TOTAL AFTER								
	Aerospace		Seattle, WA			27110								PR 1 C	IOR OCT		TER	Ī	TIME			1 OCT								
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REMAR	RKS																													
NT																														

P-1 Shopping List Item No. 17

Production Schedule Exhibit P-21, page 3 of 3

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Exhibit P-40, Budget Item Justific	cation							D	ate: Februar	y 2008	
Appropriation (Treasury) Code/CC/BA/BS	A/Item Control	Number					P-1 Line	Item Nomencla	ature		
Aircraft Procurement, Air F	orce, Buc	lget Activity	04, Other	r Aircraft,	Item No.	18	Civil /	Air Patrol			
Program Element for Code B Items:		N/A			Other Relate	d Program Ele	ments:		N/A		
	ID Code	Prior Years	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Comp	Total
Proc Qty	A	28									28
Cost (\$ M)		10.427	10.152	6.235	2.435	2.470	2.493	2.539	2.593		39.344
Advance Proc Cost (\$ M)		0.000									0.000
Weapon System Cost (\$ M)		10.427	10.152	6.235	2.435	2.470	2.493	2.539	2.593	0.000	39.344
Initial Spares (\$ M)		0.000									0.000
Total Proc Cost (\$ M)		10.427	10.152	6.235	2.435	2.470	2.493	2.539	2.593	0.000	39.344
Flyaway Unit Cost (\$ M)											
Wpn Sys Unit Cost (\$ M)											

Description

The Civil Air Patrol (CAP) is a Congressionally chartered non-profit corporation that serves as the Auxiliary of the Air Force. CAP uses federally provided resources to provide assistance requested by the DoD, federal, state or local government authorities and non-governmental organizations (NGO's) to perform emergency or non-emergency public purpose missions and activities.

Pursuant to US Code (Title 10 & 36) the purpose of CAP Corporation is to encourage and aide citizens of the US in contributing their efforts, services, and resources in developing aviation and in maintaining air supremacy; and to encourage and develop by example the voluntary contribution of private citizens to the public welfare. CAP provides aviation education and training, as well as encourages and fosters civil aviation in local communities. CAP also provides an organization to assist in meeting local emergencies and assists the Dept of the Air Force in non-combat programs/missions.

This program has no initial spares cost. The weapon system cost, flyaway unit cost, and weapon system unit cost do not apply.

FY 2009 Program Justification

Award the production contract for 5 Cessna 182T's. This Cesna 182T is a four seat fixed-wing single engine aircraft equipped with satellite digital imaging systems, automatic direction finder, emergency locator transmitter, fm radio, camera port window, ground power unit, and crew training.

P-1 Shopping List Item No. 18

Budget Item Justification Exhibit P-40, page 1 of 5

Exhibit P-5, Weapon System Cost Analysis							Date	: February	2008	
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Numb	er					P-1 Line Iter	m Nomenclatur	е		
Aircraft Procurement, Air Force, Budget	Activity 04	4, Other A	ircraft, It	em No. 18		Civil Air	Patrol			
Manufacturer's Name/Plant City/State Location				Subline Item						
Cessna/Independence, KS Gippsland/Morwell Victoria, A	ustralia Blan	ik/Kunovice,	Czech							
SAGEM SDIS/Grand Prairie, TX or Puyallup, WA BYCA										
DF's/Rheinmuenster, Germany										
Weapon System	Ident			.1	Total Cost	in Millions of	f Dollars			
Cost Elements	Code		FY 2007			FY 2008			FY 2009	
				Total			Total			Total
		Qty	Unit Cost	Cost	Qty	Unit Cost	Cost	Qty	Unit Cost	Cost
Avionics										
Cessna 182T		23	0.438	10.077	12	0.526	6.308	5	0.474	2.372
Gippsland GA-8										
Blanik L23 Glider w/Trailer		1	0.070	0.070	2	0.070	0.140			
Blanik L23 Glider								2	0.055	0.110
Armament										
Software										
Other Government Furnished Equipment (GFE)										
Engineering Change Orders (ECO)										
Nonrecurring Costs										
Other Costs										
SAGEM SDIS System										
BYCA Ground Power Units		24	0.000	0.011	23	0.000	0.011	10	0.001	0.005
Becker DF-517					1	0.013	0.013			
Proceeds from Aircraft Sales				-0.006			-0.237			-0.052
FLYAWAY COST SUBTOTAL				10.152			6.235			2.435
Airframe Peculiar Ground Support Equipment (PGSE)										
Engine PGSE										
Peculiar Training Equipment										
Publications/Technical Data										
ECOs										
Other										
SUPPORT COST SUBTOTAL										
TOTAL PROGRAM				10.152			6.235			2.435
Comments										
CARAM A A A CARAMARA A F C 1 C		c · c						TT1 4		

CAP shall request, through CAP-USAF, Air Force funds for the acquisition of aircraft for use in support of Air Force assigned missions and approved programs. The Air Force will have approval authority for all aircraft acquisitions for use in support of Air Force assigned missions. CAP shall also manage a program for modernization and upgrade of the CAP aircraft fleet used in support of Air Force assigned missions and approved programs. CAP's aircraft fleet consists of mainly small fixed wing aircraft such as Cessna 172s and 182s. CAP also maintains a smaller fleet of gliders that are used to support the Cadet Program.

P-1 Shopping List Item No. 18

Weapon System Cost Analysis Exhibit P-5, page 2 of 5

			UNCLASS	SIFIED						
Exhibit P-5, Weapon System Cost Analysis								te: February	2008	
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number							m Nomenclat	ure		
Aircraft Procurement, Air Force, Budget	Activity 04	4, Other <i>I</i>	Aircraft, It	em No. 18	}	Civil Air	r Patrol			
Manufacturer's Name/Plant City/State Location				Subline Item						
Cessna/Independence, KS Gippsland/Morwell Victoria, A SAGEM SDIS/Grand Prairie, TX or Puyallup, WA BYCA DF's/Rheinmuenster, Germany										
Weapon System	Ident				Total Co	ost in Millions o	f Dollars			
Cost Elements	Code		FY 2007			FY 2008			FY 2009	
		Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost
DESCRIPTION Cessna 182T's: Four seat, fixed-wing, single engine aircrafautomatic direction finder, emergency locator transmitter, f Gippsland GA-8: Eight seat, fixed-wing, single engine airc power unit, Hyper Spectral Imaging System, and crew train Blanik L23 Glider: Two seat, all metal, fixed-wing glider. SAGEM Satellite Digital Imaging System: Integrated syste BYCA Ground Power Unit: 24 volt ground power supply. Becker DF-517: Automatic direction finder that tracks eme	m radio, came raft equipped ing.	ra port windowith SDIS, a	ow, ground ponutomatic direct	ower unit, and etional finder,	crew training	_	er, fm radio,	camera port	window, grou	nd

P-1 Shopping List Item No. 18

Weapon System Cost Analysis Exhibit P-5, page 3 of 5

Exhibit P-5A, Procurement Hist	ory ar	nd Planning							Dat	e: February	2008	
Appropriation (Treasury) Code/CC/BA/	3SA/Ite	m Control Num	ber					P-1 Line Ite	em Nomenclatu	ıre		
Aircraft Procurement, Air	Ford	e, Budge	t Activity	04, Other	Aircraft, I	tem No. 18	3	Civil Ai	r Patrol			
Weapon System					Subline Item							
CAP												
			Location of	RFP Issue	Contract	Contract				Date of First	Specs Available	Date Revision
WBS Cost Elements	Qty	Unit Cost	PCO	Date	Method	Туре	Contractor and	Location	Award Date	Delivery	Now?	Available?
CAP Aircraft: Single Engine-Fixed Wing Aircraft	10		CAP, Inc. 105 S. hansell St. Bldg. 714 Maxwell AFB, AL 36112-6332	Jun-06	Negotiated Competitive	Fixed-Price IDIQ Contracts with Prospective Price Redeterminat ion AA	Cessna Aircraft Wichita, KS	Co.	Feb-07	Aug-07	Yes	

Remarks

Procurement times for Cessna 182T, Gippsland GA-8 and Blanik gliders are one year. SAGEM SDIS Systems, BYCA Ground Power Units, and Becker DF-517 procurement times are 9 months.

Execution can be accomplished witin 45 days of funding distribution.

The aforementioned contract is scheduled to expire 31 Jan 09. These responses are for powered aircraft only. There is no RFP for gliders at this time but we may issue one if granted approval to purchase gliders. We inted to use the same process outlined above resulting in one or more three year IDIQ contracts.

This contract also covers following aircraft: Type IIIA - Cessna 206 - \$569,635.00 less volume discount. Type IIIB - Gippsland GA-8 - \$518,043.00 less volume discount. Type IIIC - Found Air FBA-2C2 - \$521,989.00 less volume discount.

Additional Contractor and Location Information: Found Aircraft Canada/Parry Sound, Ontario and Gippsland Aeronautical PTY LTD Morwell/Victoria, Australia...A3SHA

P-1 Shopping List Item No. 18

Procurement History and Planning Exhibit P-5A, page 4 of 5

Exh	ibit P-21, Productio	n Sched	lule																			D	ate: I	=ebru	uary 2	2008				
Appro	opriation (Treasury) Cod	e/CC/BA/E	BSA/Item (Control No	umber													Р	-1 Lin	e Iten	n Nom	nencla	ature							
Air	craft Procureme	nt, Air	Force	, Budg	et Acti	vity	04,	Oth	ner A	4irc	raft	, Ite	m N	lo.	18			C	ivil	Air	Pat	rol								
		S	PROC.	ACCEP. PRIOR	BALANCE DUE		0			F	ISCAL	YEAR		LENDA	AR YEA	AR 1						F		YEAR CALEN		YEAR 2				L A
	PROCUREMENT YEAR	R V	QTY	TO 1 OCT 0	AS OF 1 OCT 0	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	T E R
	2006	USAF	17	0	17													17												0
	2007	USAF	5	0	5													5										<u> </u>		0
	2008	USAF	10	0	10													10								igwdapsilon			igwdot	0
	2009	USAF USAF	5	0	5													5								$\vdash \vdash$			$\vdash \vdash \vdash$	0
	2010	USAF	5	0	5										1			5								┝─┤		├ ──	$\vdash \vdash \vdash$	0
	2012	USAF	5	0	5										1			5								$\vdash \vdash \vdash$			\vdash	0
	2013	USAF	5	0	5				1									5								\vdash		\vdash	\vdash	0
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					PRODUCT	ION R	ATES							PRO	CURE	MENT	LEAD :	TIME												
ITEM/	MANUFACTURER'S NAME		LOCATION	١	MIN SUST	SHIF HOUI DAYS	RS	M A X								MIN TIME			MFG			TOTAL AFTER								
Cessna			Independent		1			50							IOR OCT		CT		TIME			1 OCT								
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REMARKS

It takes approx 1 year from the time CAP orders aircraft to time it is delivered.

P-1 Shopping List Item No. 18

Production Schedule Exhibit P-21, page 5 of 5

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Exhibit P-40, Budget Item Justifi	cation							D	ate: Februar	y 2008	
Appropriation (Treasury) Code/CC/BA/BS	SA/Item Contro	Number					P-1 Line	Item Nomencla	ature		
Aircraft Procurement, Air I	Force, Bu	dget Activity	04, Othe	r Aircraft,	Item No.	19	Targe	t Drones			
Program Element for Code B Items:		N/A			Other Relate	d Program Ele	ements:		N/A		
	ID Code	Prior Years	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Comp	Total
Proc Qty	A										0
Cost (\$ M)		N/A	73.512	77.079	70.576	73.034	76.279	38.480	92.952	N/A	N/A
Advance Proc Cost (\$ M)											0.000
Weapon System Cost (\$ M)		N/A	73.512	77.079	70.576	73.034	76.279	38.480	92.952	N/A	N/A
Initial Spares (\$ M)		N/A	0.383	0.476	0.518	0.532	0.538	0.549	0.559	N/A	N/A
Total Proc Cost (\$ M)		N/A	73.895	77.555	71.094	73.566	76.817	39.029	93.511	N/A	N/A
Flyaway Unit Cost (\$ M)											
Wpn Sys Unit Cost (\$ M)											

Description

Full-scale and subscale targets assure warfighters that weapon systems will perform effectively against real-world enemy fighters and cruise missiles. Aerial targets help adherence to public law Title 10, Section 2366 "Live Fire/Lethality" developmental/operational test requirements. Target drones are used to validate operational missile/weapon system effectiveness and fighter Operational Flight Program (OFP) updates. Target drones are also essential for development testing/operational testing for all air-to-air and ground-to-air missiles, and for the F-22A, F-35, F-16, F-15, etc., aircraft. The objective is to provide realistic targets for missile testing to enable the development of air defense systems capable of defeating changing airborne threats. This program provides funds for the procurement of subscale (BQM-167 Air Force Subscale Aerial Target--AFSAT) target drones and full-scale QF-4 and the follow-on full-scale QF-16 to include funding required for procurement of pre positioned Government Furnished Property. These targets are required for Congressionally mandated testing and Air Force developmental and operational testing. Funding also provides for capabilities to extend the life of the full-scale aerial target which supports the requirement for threat-representative presentations.

This program has associated Research Development Test and Evaluation funding in PE 35116F.

FY 2009 Program Justification

FY09 funds continue procurement of full-scale and subscale aerial targets required for development and operational testing requirements. Procurement funds are for purchase of full-scale and subscale aerial targets for the Advanced Intercept Missile (AIM) programs (AIM-120, AIM-9 and AIM-7), for the F-22A and F-35 aircraft test programs, and for Operational Flight Program (OFP) F-16/F-15 aircraft upgrades.

P-1 Shopping List Item No. 19

Budget Item Justification Exhibit P-40, page 1 of 11

Exhibit P-5, Weapon System Cost Analysis							Date	e: February	2008	
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Numb	er					P-1 Line Ite	m Nomenclatu	re		
Aircraft Procurement, Air Force, Budget	Activity 04	4, Other A	ircraft, Ite	em No. 19		Target I	Drones			
Manufacturer's Name/Plant City/State Location				Subline Item						
Weapon System	Ident				Total Cos	t in Millions o	of Dollars			
Cost Elements	Code		FY 2007			FY 2008			FY 2009	
		Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost
QF-4 FULL SCALE AERIAL TARGET FLYAWAY COST	A									
QF-4 Hardware Recurring										
Aircraft Drone Mod & Integration		13	1.227	15.952	12	1.431	17.168	9	1.452	13.068
F-4 In Plant Repairs		13	0.050	0.645	12	0.052	0.625	9	0.055	0.491
Edwards AFB Backshop and MILSTRIP Support		13	0.047	0.615	12	0.051	0.615	9	0.057	0.516
Aircraft Withdrawal/Aerospace Maintenance and Regeneration Group (AMARG)										
Restricted-Unmanned		9	0.970	8.730	3	1.050	3.150	4	1.103	4.410
Unrestricted - Manned		4	1.100	4.400	9	1.250	11.250	5	1.313	6.563
TOTAL RECURRING FLYAWAY COST				30.342			32.808			25.048
Engineering Change Orders/Engineering Change Proposals				3.673			3.000			3.000
TOTAL NON-RECURRING FLYAWAY COST				3.673			3.000			3.000
FSAT Program Life Extension				1.700			1.700			1.700
Productionization of new F-4 Models										
Data/Tech Manuals				0.390			0.401			0.413
Special Program Requirements							1.300			1.050
OTHER PRODUCTION COSTS				2.090			3.401			3.163
Government Support				2.559			2.688			2.852
PROGRAM SUPPORT COSTS				2.559			2.688			2.852
AIR FORCE SUBSCALE AERIAL TARGET										
Production Article		42	0.570	23.958	50	0.569	28.448	46	0.704	32.398
ECP/ECO				7.517			3.904			1.209
Data/Tech Manuals/Training				0.067			0.071			0.075
Warranty	A									
Airworthiness Certification				1.428						
Peculiar Support Equipment										
Special Program Requirements							0.810			1.088
FLYAWAY COSTS				32.970			33.233			34.770

P-1 Shopping List Item No. 19

Weapon System Cost Analysis Exhibit P-5, page 2 of 11

Exhibit P-5, Weapon System Cost Analysis							Date	e: Februar	y 2008	
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Nu Aircraft Procurement, Air Force, Budge		l, Other	Aircraft, Ite	em No. 19		P-1 Line Ite	m Nomenclatu Drones	re		
Manufacturer's Name/Plant City/State Location				Subline Item						
W	T1 4				T + 1 C	4 ' 34'11'	CD 11			
Weapon System	Ident				Total Co	st in Millions o	of Dollars			
Cost Elements	Code		FY 2007			FY 2008			FY 2009	
				Total			Total		\top	Total
		Qty	Unit Cost	Cost	Qty	Unit Cost	Cost	Qty	Unit Cost	Cost
AFSAT Support Costs				0.367			0.245		1	0.245
Government Support				1.511			1.704			1.498
Government RATO/Antenna Pattern Test										
SUPPORT COST SUBTOTAL				1.878			1.949			1.743
Funding pull from SAF/AQPW				8.231						
QF-16 FOLLOW-ON FULLSCALE TARGET										
TOTAL PROGRAM				73.512			77.079			70.576
Comments										
									•	

P-1 Shopping List Item No. 19

Weapon System Cost Analysis Exhibit P-5, page 3 of 11

Weapon System			-	•	Subline Iter	n	•				
TD					Subline ner	.11					
WBS Cost Elements	Qty	Unit Cost	Location of PCO	RFP Issue Date	Contract Method	Contract Type	Contractor and Location	Award Date	Date of First Delivery	Specs Available Now?	Date Revision Available?
FY07 (FULLSCALE)	13	2.344	691ST ARSS		С	Option	BAE SYSTEMS, MOJAVE, CA	Apr-07	Aug-08	Yes	
FY08 (FULLSCALE)	12	2.636	691ST ARSS		С	Option	BAE SYSTEMS, MOJAVE, CA	Dec-07	Aug-09	Yes	
FY09 (FULLSCALE)	9	2.677	691ST ARSS		С	Option	BAE SYSTEMS, MOJAVE CA	Dec-08	Aug-10	Yes	
FY10 (FULLSCALE)	9	3.009	691ST ARSS		С	FFP	BAE SYSTEMS, MOJAVE CA	Dec-09	Aug-11	Yes	
FY11 (FULLSCALE)	9	3.094	691ST ARSS		С	Option	BAE SYSTEMS, MOJAVE CA	Dec-10	Aug-12	Yes	
FY07 (SUBSCALE)	42	0.570	691ST ARSS		С	Option	Composite Engineering Inc., Sacramento CA	Apr-07	Apr-08	Yes	
FY08 (SUBSCALE)	50	0.569	691ST ARSS		С	Option	Composite Engineering Inc., Sacramento CA	Jan-08	Jan-09	Yes	
FY09 (SUBSCALE)	46	0.704	691ST ARSS		С	FFP	Composite Engineering Inc., Sacramento CA	Jan-09	Jan-10	Yes	
FY10 (SUBSCALE)	43	0.723	691ST ARSS		С	Option	Composite Engineering Inc., Sacramento CA	Jan-10	Jan-11	Yes	
FY11 (SUBSCALE)	51	0.727	691ST ARSS		С	Option	Composite Engineering Inc., Sacramento CA	Jan-11	Jan-12	Yes	
FY12 (SUBSCALE)	40	0.762	691ST ARSS		С	Option	Composite Engineering Inc., Sacramento CA	Jan-12	Jan-13	Yes	
FY13 (SUBSCALE)	41	0.762	691ST ARSS		С	Option	AFSAT /Composite Engineering Inc.	Jan-13	Jan-14	Yes	

P-1 Shopping List Item No. 19

Procurement History and Planning Exhibit P-5A, page 4 of 11

Exhibit P-21, Production	n Sched	ule																			D	ate: I	-ebru	uary :	2008				
Appropriation (Treasury) Code	e/CC/BA/E	3SA/Item C	Control Nu	ımber													P-	-1 Lin	e Iten	n Nom	encla	ature							
Aircraft Procureme	nt, Air	Force,	Budg	et Acti	ivity	04,	Oth	ner A	\ircr	raft	, Ite	m N	lo. ′	19			Т	arg	et D	ron	es								
PROCUREMENT YEAR	S E	PROC.	ACCEP. PRIOR TO	BALANCE DUE AS OF	0	2006 N	D	ī	FISC		EAR 20		ENDAR	R YEAR	2007	C	0	N	l n	ī	FIS			AR YE	EAR 200)8 	Ι Δ	C	L A
FROCUREMENT TEAR	R V	QTY	1 OCT 2006	1 OCT 2006	C T	O V	E C	A N	E B	M A R	P R	A Y	U N	U L	U G	S E P	C T	N O V	E C	A N	E B	M A R	P R	M A Y	U N	U L	U G	E P	E R
2006	USAF	18	0	18											1	2	2	2	1	0	1	2	2	2	2	1	0	0	(
2007	USAF	13	0	13																								0	13
2008	USAF	12	0	12				 																					12
2009 2010	USAF USAF	9	0	9	-	ļ																							9
2010	USAF	9	0	9	+			 																					- 5
2012	USAF	0	0	0				 																					0
2013	USAF	0	0	0	1																								0
TOTAL		70	0	70											1	2	2	2	1	0	1	2	2	2	2	1	0	0	52
					0 C T	N O V	D E C	J A N	F E B	M A R	A P R	M A V	J U	J	A U G	SEP	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A V	J U	J U	A U G	S E P	
				PRODUCT	ION R	ATES	Ü	14		11	11		PRO	CURE	_	FAD 1	TIME	v	U	14	D	- 13	- ' '	<u>'</u>			U		
				MIN SUST	SHIF	Τ	M A								MIN			MFG		-	TOTAL	_							
ITEM/MANUFACTURER'S NAME		LOCATION			DAYS	3	Χ											TIME			AFTER								
QF-4/BAE Systems		Mojave CA		1	1		3							IOR OCT	AFT 1 O						1 OCT	•							
								INITIAL	-					0		5			15			20							
								REORE	DER					0		5			12			17							
REMARKS																													

P-1 Shopping List Item No. 19

Production Schedule Exhibit P-21, page 5 of 11

Exhibit P-21, Production Schedule																D	ate: I	Febru	ary 2	2008				
Appropriation (Treasury) Code/CC/BA/BSA/Item (Control Number											P-	1 Lin	e Iten	n Nom	encla	ature							
Aircraft Procurement, Air Force,	Budget Acti	vity 04	, Oth	ner Air	craft	, Ite	m N	۱o. ۲	19			Ta	arg	et D	ron	es								
PROCUREMENT YEAR S E PROC. R QTY V	ACCEP. BALANCE PRIOR DUE TO AS OF 1 OCT 1 OCT	2008 O N C O	D E	J F A E	M A	A P	CALI M A	J U	R YEAR J U	A U	S E	O C	N O	D E	J A	F E	M A	EAR 20 ALEND A P	AR YE M A	J U	10 J U	A U	S E	L A T E
2006 USAF 18	2008 2008 3 15	T V	С	N B	R	R	Y	N	L	G	Р	T	V	С	N	В	R	R	Y	N	L	G	P	1:
2007 USAF 13 2008 USAF 12	0 13	2 2	0	0 (0	2	2	2	3	1	1	1	1	1	1	1	1	1	1	1	1			- (
2009 USAF 9 2010 USAF 9	0 9																					1	1	
2011 USAF 9 2012 USAF 0	0 9																							
2013 USAF 0	0 0					2																		
TOTAL 70	3 67	0 N C O	2 0 D E	0 (J F A E	M A	A P	M A	J U	J U	A U	S E	0 C	N O	D E	J A	F E	M A	A P	M A	J U	J U	A U	S E	39
<u> </u>	I PRODUCT	T V	С	N B	R	R	Υ	N PRO	L	G MENT I	P FAD T	T	V	С	N	В	R	R	Υ	N	L	G	Р	
ITEM/MANUFACTURER'S NAME LOCATION	MIN SUST	SHIFT HOURS DAYS	M A X						ADI LEAD	MIN		ı	MFG			TOTAL AFTER								
OF-4/BAE Systems Mojave CA	1	1	3						IOR	AFT 1 O			ГІМЕ			1 OCT								
				INITIAL REORDER					0		5			15 12			20 17							
REMARKS	•							•	Ť									•						

P-1 Shopping List Item No. 19

Production Schedule Exhibit P-21, page 6 of 11

Exhibit P-21, Production	n Sched	ule																			D	ate:	-ebru	uary 2	2008				
Appropriation (Treasury) Cod	le/CC/BA/E	BSA/Item (Control Nu	ımber													P.	1 Lin	e Item	n Nom	nencla	ature							
Aircraft Procureme	ent, Air	Force,	Budg	et Act	ivity	0 4,	Oth	ner A	Airc	raft	, Ite	m N	۱o. ٔ	19			T	arg	et D	ron	es								
PROCUREMENT YEAR	S E	PROC.	ACCEP. PRIOR TO	BALANCE DUE AS OF	0	2010 N	D	ī	FIS	CAL Y	EAR 2		ENDAF	R YEAF	2011	C		N	D	ī	FIS	C	EAR 20 ALEND	AR YE	EAR 20	12		S	L A
PROCUREMENT YEAR	R V	QTY	1 OCT 2010	1 OCT 2010	C T	O V	E C	A N	F E B	M A R	P R	A Y	U N	U L	U G	E P	O C T	N O V	E C	A N	E B	M A R	P R	M A Y	U N	U L	U G	S E P	E R
2007	USAF	13	12	1																									1
2008	USAF	12	2	10)																						\longmapsto		10
2009	USAF	9	0	9	0	1	1	1	1	1	0	1	1	0	1	1	0	1	1	0	1	1	1	0		1	₩		2
2010 2011	USAF USAF	9	0	9											1	1	0	1	1	0	1	1	1	0	1	1	1		0
2011	USAF	9	0	9	1	1								1													1	1	
2012	USAF	0	0	0	1																						╁		0
TOTAL	CDIT	52	14	38	3 0	1	1	1	1	1	0	1	1	0	1	1	0	1	1	0	1	1	1	0	1	1	1	1	20
				•	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	N U	J U L	A U G	S E P	0 C T	N O V	DEC	J A N	F E B	M A R	A P R	M A Y	N N	J L	A U G	S E P	
				PRODUCT	TION R	ATES							PRC	CURE	MENT	LEAD	TIME												
				MIN SUST	SHIF	RS	M A								MIN TIME			MFG			TOTAL								
ITEM/MANUFACTURER'S NAME		LOCATION			DAYS	3	Х											TIME			AFTER								
QF-4/BAE Systems		Mojave CA		1	1		3							IOR OCT	AFT 1 C						1 OCT	•							
					-			REOR						0		5			15			20							
REMARKS					1		<u> </u>	INLOR	DLI					0	1	3			12	1		17							

P-1 Shopping List Item No. 19

Production Schedule Exhibit P-21, page 7 of 11

Exhibit P-21, Production Schedule																		D	ate: F	ebru	ary 2	2008				
Appropriation (Treasury) Code/CC/BA/BSA/I	Item Contro	ol Number												P-	1 Line	e Item	Nom	encla	ature							
Aircraft Procurement, Air Fo	rce, Bu	ıdget Acti	vity	04, 0	Othe	r Airc	raft	, Ite	m N	lo. 1	9			T	arg	et D	ron	es								
DDOCLIDEMENT VEAD	ACCI PRIC TO 1 OC	IOR DUE O AS OF OCT 1 OCT	O C	О	D E	J F A E	M A	A P	M A	J U	YEAR J U	A U	S E	O C	N O	D E	J A	F E	M A	ALEND A P	AR YE M A	J U)7 J U	A U	S E	L A T E
2006 USAF	200	05 2005 0 24	T	V	С	N B	R	R	Y	N	L	G	P	Т	V	С	N	В	R	R	Y	N 1		G 2	P 2	17
2007 USAF 2008 USAF	42 69	0 42 0 69																								42 69
2009 USAF 2010 USAF	46 43	0 46 0 43																								46
2011 USAF 2012 USAF	51 40	0 51 0 40																								51 40
Z013 USAF TOTAL	42 357	0 42 0 357																				1	2	2	2	42 350
			O C T	O V	D . E . C !	J F A E N B	M A R	A P R	M A Y	N N	J U	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	ZCC	7 O L	A U G	S E P	
ITEM/MANUFACTURER'S NAME LOC	ATION		ON RA SHIFT HOURS DAYS	3	M A X						ADN LEAD	ΛIN	EAD		MFG			TOTAL AFTER								
AFSAT /Composite Engineering Inc.	-		1/8/5		2					PRI 1 O		AFTI 1 O			TIME			1 OCT								
The state of the s						ITIAL EORDER					4		5			11			9 17							
REMARKS																										

P-1 Shopping List Item No. 19

Production Schedule Exhibit P-21, page 8 of 11

Exhibit P-21, Production Schedu	le																			D	ate: I	-ebru	lary	2008	}			
Appropriation (Treasury) Code/CC/BA/BS	SA/Item C	ontrol Nu	mber													P-	-1 Lin	e Iten	n Nom	encla	ature							
Aircraft Procurement, Air F	orce,	Budg	et Acti	vity	04,	Oth	ner A	\ircr	aft	, Ite	m N	lo.	19			Т	arg	et D	ron	es								
S E PROCUREMENT YEAR	PROC.	ACCEP. PRIOR TO	BALANCE DUE AS OF	0	2007 N	D	ī	FISC	M M	EAR 20		ENDAF	R YEAR	2008	S	0	N	D	ī	FIS		EAR 20 ALEND		EAR 200	09	Δ	9	L A T
R V	QTY	1 OCT 2007	1 OCT 2007	C T	O V	E C	A N	E B	A R	P R	A Y	U N	U L	U G	E P	C T	O V	E C	A N	E B	A R	P R	A Y	U N	U L	U G	E P	E R
2006 USAF	24	7	17	3	3	3	3	5				_			_													(
2007 USAF	42	0	42						0	3	3	3	3	3	3	4	4	4	4	4	4				-		-	10
2008 USAF 2009 USAF	69 46	0	69 46																			4	4	4	5	5	5	42
2009 USAF 2010 USAF	40	0	43						-															1				40
2010 USAF USAF	51	0	51																									51
2012 USAF	40	0	40																									40
2013 USAF	42	0	42																									42
TOTAL	357	7	350	3	3	3	3	5	0	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	5	5	5	264
				O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	Ŋ	J	A U G	S E P	O C T	N 0 V	D E C	J A N	F E B	M A R	A P R	M A Y	Ŋ	J	A U G	S E P	
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			MIN SUST	SHIF		M A							AD	MIN TIME			MFG		7	TOTAL								
ITEM/MANUFACTURER'S NAME	OCATION			DAYS	;	Х											TIME		A	AFTER	₹							
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							INITIAL	_					2		9			11			9							
							REORE	DER					4		5			12			17							
REMARKS																												

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Production Schedule Exhibit P-21, page 9 of 11

Exhibit P-21, Productio	n Sched	ule																			D	ate:	Febru	uary	2008	1			
Appropriation (Treasury) Cod	e/CC/BA/E	SA/Item C	Control Nu	ımber													P-	-1 Lin	e Iten	n Nom	nencla	ature							
Aircraft Procureme	ent, Air	Force,	Budg	et Acti	ivity	04,	Oth	ner <i>i</i>	Airc	raft	, Ite	m N	lo.	19			T	arg	et D	ron	es								
	S E	PROC.	ACCEP. PRIOR	BALANCE DUE		2009			FIS	CAL Y	EAR 20		ENDAF	R YEAF	R 2010						FIS		EAR 2	011 DAR YE	EAR 20:	11			L A
PROCUREMENT YEAR	R V	QTY	TO 1 OCT 2009	AS OF 1 OCT 2009	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	T E R
2007	USAF	42	42																										0
2008	USAF	69	27			7	7	7	7	8					.														0
2009	USAF	46	0	46							3	3	4	4	. 4	4	4	4	4	4	4	4		2	3		3		0
2010 2011	USAF USAF	43 51	0	43 51										-	-								3	3	3	3	3	4	<u>24</u>
2011	USAF	40	0	40											+								1				\vdash		40
2012	USAF	42	0	42										1	1														40
TOTAL	CD/H	333	69			7	7	7	7	8	3	3	4	4	4	4	4	4	4	4	4	4	3	3	3	3	3	4	157
				•	0 C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	N U	J U L	A U G	S E P	0 C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	N N	J U L	A U G	S E P	
				PRODUC1	ION R	ATES						ı	PRC	CURE	MENT	LEAD	ГІМЕ					ı							
				MIN SUST	SHIF	RS	M A								MIN TIME			MFG			TOTAL								
ITEM/MANUFACTURER'S NAME		LOCATION			DAYS	3	Х											TIME			AFTEF								
AFSAT /Composite Engineering Inc.				1	1/8/5		2							OCT	AF 1 C						1 OCT								
								REOR						2		9			11			9 17	-						
REMARKS								5.														- /							

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Production Schedule Exhibit P-21, page 10 of 11

Exhibit P-21, Production	Cocurement, Air Force, Budget Activity 04, Other Aircraft, Item No. 19 SEMENTYEAR SOUTH PRIOR PROC. QTY V PRIOR 1 OCT 1 OCT 2011 T V C N B R R Y N L G P T T T T T T T T T																			D	ate: F	-ebru	uary :	2008					
Appropriation (Treasury) Code	Code/CC/BA/BSA/Item Control Number Courement, Air Force, Budget Activity 04, Other Aircraft, Item No. 19 S															P-	-1 Lin	e Iten	n Nom	nencla	ature								
Aircraft Procureme	nt, Air	Force,	Budg	et Acti	vity	04,	Oth	ner A	irci	raft,	Ite	m N	lo. ′	19			Т	arg	et D	ron	es								
	S	ppoc				2011			FISC	CAL YE	EAR 20		ENDAR	R YEAF	2012						FIS	SCAL Y			EAR 20:	13			L A
PROCUREMENT YEAR	EMENT YEAR R V OTY 1 OCT 1 OCT C O E A E A P A U U U E S C O S C O C N B R R Y N L G P C O C N B R R C C O C															O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	T E R	
2008	USAF 46 46 0 USAF 43 19 24 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4																											0	
2009	EMENT YEAR F PROC. QTY PRIOR TO AS OF 1 OCT 2011 T V C N B R R Y N L G P T C C C N B R R Y N L G P T C C C C C C C C C																											0	
2010	S																											0	
2011	Page															4	4	5	5	5	5							0	
2012	Cocurement, Air Force, Budget Activity 04, Other Aircraft, Item No. 19 Cocurement, Air Force, Budget Activity 04, Other Aircraft, Item No. 19 Cocurement, Air Force, Budget Activity 04, Other Aircraft, Item No. 19 Cocurement, Air Force, Budget Activity 04, Other Aircraft, Item No. 19 Cocurement, Air Force, Budget Activity 04, Other Aircraft, Item No. 19 Cocurement, Air Force, Budget Activity 04, Other Aircraft, Item No. 19 Cocurement, Air Force, Budget Activity 04, Other Aircraft, Item No. 19 Cocurement, Air Force, Budget Activity 04, Other Aircraft, Item No. 19 Cocurement, Air Force, Budget Activity 04, Other Aircraft, Item No. 19 Cocurement, Air Force, Budget Activity 04, Other Aircraft, Item No. 19 Cocurement, Air Force, Budget Activity 04, Other Aircraft, Item No. 19 Cocurement, Air Force, Budget Activity 04, Other Aircraft, Item No. 19 Cocurement, Aircraft, Aircraft																				4	4	4	5	5	5	13		
2013	Table																									42			
TOTAL	Treasury) Code/CC/BA/BSA/Item Control Number rocurement, Air Force, Budget Activity 04, Other Aircraft, Item No. 19 S														4	5	5	5	5	4	4	4	5	5	5	55			
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				PRODUCT	ION RA	ATES				•			PRO	CURE	MENT	LEAD 1	ГІМЕ	1											
					HOUF	RS	Α											MFG			TOTAL								
ITEM/MANUFACTURER'S NAME		LOCATION																TIME			AFTEF								l
AFSAT /Composite Engineering Inc.				1	1/8/5		2														1 OCT								
									DER					4		9 5			11 12			9 17							
REMARKS		•		•	•										•														

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Exhibit P-40, Budget Item Justific	cation			D	ate: Februar	y 2008					
Appropriation (Treasury) Code/CC/BA/BS	A/Item Control	Number	P-1 Line	Item Nomencla	ature						
Aircraft Procurement, Air F	Force, Bud	dget Activity	04, Other	r Aircraft,	Item No. 2	20	GLOE	BAL HAW	<		
Program Element for Code B Items:		ements:		N/A							
	ID Code	FY 2011	FY 2012	FY 2013	To Comp	Total					
Proc Qty	A	5	5	5	TBD	TBD					
Cost (\$ M)		1071.500	391.915	510.530	658.319	462.039	473.790	496.573	475.061	TBD	TBD
Advance Proc Cost (\$ M)		266.155	50.699	63.409	53.832	54.949	59.700	62.100		TBD	TBD
Weapon System Cost (\$ M)		1337.655	442.614	573.939	712.151	516.988	533.490	558.673	475.061	TBD	TBD
Initial Spares (\$ M)		0.000		6.953						0.000	6.953
Total Proc Cost (\$ M)		1337.655	442.614	580.892	712.151	516.988	533.490	558.673	475.061	TBD	TBD
Flyaway Unit Cost (\$ M)		59.000	76.636	84.245	100.926	79.740	79.352	95.344	101.600	TBD	TBD
Wpn Sys Unit Cost (\$ M)		65.974	75.743	100.697	120.275	89.008	91.008	107.183	94.317	TBD	TBD

Description

The Global Hawk System provides high altitude, deep look, long endurance intelligence, surveillance, and reconnaissance (ISR) capability that compliments space and other airborne collectors during peacetime, crisis, and war-fighting scenarios.

This funding is procuring the highly capable Global Hawk System, which is comprised of aircraft, payloads, ground segment, and support segment. The aircraft is fully autonomous, high altitude, long endurance remotely piloted aircraft (RPA). The RQ-4A is an imagery-intelligence (IMINT) RPA designed to employ 2000 pounds of payload. The RQ-4A has one configuration known as the Block 10. The Block 10 employs an IMINT system comprised of a synthetic aperture radar (SAR) sensor and an electro-optical (EO) / infrared (IR) sensor. These three sensors are called the integrated sensor suite (ISS). The RQ-4B RPA is designed to employ 3000 pounds of payload and enable multi-intelligence (multi-INT) collecting. The RQ-4B has three configurations: Block 20, Block 30, and Block 40. The Block 20 will employ upgraded SAR and EO/IR sensors known as the enhanced ISS (EISS) in an IMINT only configuration. The Block 30 will employ the same EISS sensors as the Block 20 and will also integrate a wide spectrum SIGINT sensor suite simultaneously to be used as a multi-INT platform. The Block 40 will integrate the multi-platform radar technology insertion program (MP-RTIP) radar sensor, and currently plans to only carry the MP-RTIP sensor. The user will ultimately determine the optimal quantities and payloads for each aircraft configuration based on operational requirements. The ground station (GS) includes the mission control element (MCE) and the launch and recovery element (LRE). The support segment includes aerospace ground equipment, tech orders, spares, support equipment, and training to enable the Global Hawk System.

The Global Hawk program went through a Title 10, Section 2433 review in 2006, due to unit cost breaches (informally known as Nunn-McCurdy). The Department certified the program to Congress on June 5th, 2006. As a result of the review, the Department directed a program restructure to slow development, cap the low rate initial production (LRIP) at 5 per year, and reduce risk. LRIP will remain at 5 per year until successful completion of the initial operational test and evaluation (IOT&E).

Initial spares for the Global Hawk Program are included in the weapon system cost line; however, they are not included in the Weapon System Unit Cost per definition. The Global Hawk Program will not separately budget for initial spares. The program includes initial spares and support equipment in production contracts as part of the Contractor Supported Weapon System (CSWS). In FY08, \$6.953M was added to the initial spares line by Congress to purchase weapon system spares.

Throughout the FYDP, the program will continue modernization to enhance the system to meet requirements as documented in updates to the Capability Development Document (CDD). During this time, the user will determine the optimal payload configuration and quantity for each aircraft based on current operational requirements. To accommodate the concurrent development and production strategy, one of the aircraft procured in FY04 will initially be used for flight characterization test activity of the Block 20 configuration. In addition, one of the aircraft procured in FY05 and one aircraft procured in FY06 will be used initially for advanced payloads testing, for Blocks 30 and 40, respectively.

P-1 Shopping List Item No. 20

Budget Item Justification Exhibit P-40, page 1 of 26

UNCLASSIFIED	
Exhibit P-40, Budget Item Justification	Date: February 2008
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number	P-1 Line Item Nomenclature
Aircraft Procurement, Air Force, Budget Activity 04, Other Aircraft, Item No. 20	GLOBAL HAWK
Description Continued	
This program has associated Research Development Test and Evaluation funding in PE 0304260F, and PE 0207423F and I	PE 0207450F.
FY 2009 Program Justification	
In FY09 advance procurement will procure aircraft produced beginning in FY10 and delivered beginning in FY12. The acaircraft (with optimal payload configurations and quantity as determined by the user), and associated support systems. Ado of planned Global Hawk ground stations. If the opportunity to add fiscal resources is achieved in FY09, then advanced procure of the procure o	ditionally, the Air Force will need to increase the number

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P-1 Shopping List Item No. 20

Budget Item Justification Exhibit P-40, page 2 of 26

Exhibit P-5, weapon System Cost Analysis							Dat	e: February	2008	
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Aircraft Procurement, Air Force, Bud		L Other A	ircraft Ite	em No. 20			m Nomenclatu L HAWK	ire		
Manufacturer's Name/Plant City/State Location		., •	01 a.t., 10	Subline Item		102027				
NGIS, Palmdale, CA										
Weapon System	Ident			<u> </u>	Total Cos	t in Millions o	f Dollars			
Cost Elements	Code		FY 2007			FY 2008			FY 2009	
				Total			Total			Total
		Qty	Unit Cost	Cost	Qty	Unit Cost	Cost	Qty	Unit Cost	Cost
Aircraft (RQ-4A/RQ-4B) (1)	A	5	64.640	323.199	5	80.379	401.894	5	94.066	470.328
Common Ground Station	A	3	19.993	59.980	1	19.329	19.329	2	17.150	34.300
Infrastructure Support (2)	A						140.006			217.100
Interim Contractor Support	A			72.857						
	<u> </u>									
Adv Procurement - Credit	A			-64.121			-50.699			-63.409
Adv Procurement - Debit	A			50.699			63.409			53.832
TOTAL PROGRAM				442.614			573.939			712.151

Comments

P-1 Shopping List Item No. 20

Weapon System Cost Analysis Exhibit P-5, page 3 of 26

⁽¹⁾ Average Unit Cost includes aircraft (which includes associated sensors), system engineering and program management, tooling, acceptance test, etc.

⁽²⁾ Infrastructure Support includes Integrated Logistics Support, program management support, ASIP Sustainment and Depot Activiation.

Exhibit P-5A, Procurement Hist	•	_						DAIL 1		e: Februar	y 2000	
Appropriation (Treasury) Code/CC/BA/E				04 04	A ' 64	14	20		em Nomenclatu	ıre		
Aircraft Procurement, Air	Ford	ce, Budge	t Activity	04, Other			20	GLOBA	AL HAWK			
Weapon System					Subline Iter	n						
HAEUAV									_			
NIDG G FI		W 1. G	Location of	RFP Issue	Contract	Contract			15	Date of First	Specs Available	Date Revision
WBS Cost Elements	Qty	Unit Cost	PCO	Date	Method	Type	Contractor and	Location	Award Date	Delivery	Now?	Available?
FY 2001												
Long lead for 2 Global	2		303		SS	FPI	Northrop Grui	nman,	Jun-01	Sep-03	Yes	
Hawk Aircraft and 1 MCE			AESG/PK				Rancho Berna	rdo, CA		_		
(FY02)								,				
FY 2002												
3 Global Hawk Aircraft and	3	52.544	303		SS	FPI	Northrop Grui	nman,	Jan-02	Sep-03	Yes	
1 MCE			AESG/PK				Rancho Berna			1		
Long lead for 3 Global	3		303		SS	FPI	Northrop Grui		Jul-02	Sep-04	No	N/A
Hawk Aircraft and 1 LRE			AESG/PK				Rancho Berna	rdo, CA		1		
FY 2003								,				
3 Global Hawk Aircraft and	3	79.135	303		SS	FPI	Northrop Grui	nman,	Jan-03	Sep-04	No	N/A
1 LRE			AESG/PK				Rancho Berna			1		
Long lead for 4 Global	4		303		SS	FPI	Northrop Grui	nman,	Jun-03	Feb-06	No	N/A
Hawk Aircraft, and 1 GS			AESG/PK				Rancho Berna					
(FY04)												
FY 2004												
4 Global Hawk Aircraft,	4	46.689	303		SS	FFP	Northrop Grui	nman,	Mar-04	Feb-06	No	N/A
and 1 GS			AESG/PK				Rancho Berna					
Long lead for 4 Global	4		303		SS	FPI	Northrop Grui		Mar-04	Oct-07	No	N/A
Hawk Aircraft and 1 GS			AESG/PK				Rancho Berna					
(FY05)												
FY 2005												
4 Global Hawk Aircraft and	4	68.703	303		SS	FPI	Northrop Grui	nman,	Jul-05	Oct-07	No	N/A
1 GS			AESG/PK				Rancho Berna					
Long lead for 5 Global	5		303		SS	FPI	Northrop Grui		Aug-05	Feb-08	No	N/A
Hawk Aircraft and 1 GS			AESG/PK				Rancho Berna					
(FY06)												
FY 2006												
5 Global Hawk Aircraft and	5	77.050	303		SS	FPI	Northrop Grui	nman,	May-06	Feb-08	No	N/A
1 GS			AESG/PK				Rancho Berna	rdo, CA				
Long Lead for 5 Global	5		303		SS	FPI	Northrop Grui	nman,	May-06	Apr-09	No	N/A
Hawk Aircraft and 3 GS			AESG/PK				Rancho Berna			_		
				D_1 Shop	ping List Ite	m No. 20			Drag	uromont L	listory and	Dianning

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Exhibit P-5A, Procurement Hist	EUAV BS Cost Elements (FY07) 2007 5 Global Hawk Aircraft and 3 GS Long lead for 5 Global Hawk Aircraft and 1 GS (FY08) 2008 5 Global Hawk Aircraft and 5 AESG/Pk (FY08) 2008 5 Global Hawk Aircraft and 5 99.708 303 1 GS Long lead for 5 Global 5 303 AESG/Pk (FY09) 2009								Dat	te: Februar	y 2008	
Appropriation (Treasury) Code/CC/BA/E	3SA/Ite	m Control Num	nber					P-1 Line It	em Nomenclati	ure		
Aircraft Procurement, Air	Ford	ce, Budge	t Activity	04, Other	Aircraft,	Item No.	20	GLOB/	AL HAWK			
Weapon System			-		Subline Ite	m	•					
HAEUAV												
WBS Cost Elements	Qty	Unit Cost	Location of PCO	RFP Issue Date	Contract Method	Contract Type	Contractor and L	ocation	Award Date	Date of First Delivery	Specs Available Now?	Date Revision Available?
(FY07)												
FY 2007												
	5	84.633	303 AESG/PK		SS	TBD	Northrop Grumn Rancho Bernardo		May-07	Apr-09	No	N/A
Hawk Aircraft and 1 GS	5		303 AESG/PK		SS	TBD	Northrop Grumn Rancho Bernardo		May-07	Feb-10	No	N/A
FY 2008	•											
	5	99.708	303 AESG/PK		SS	TBD	Northrop Grumn Rancho Bernardo		Mar-08	Feb-10	No	N/A
Hawk aircraft and 2 GS	5	j	303 AESG/PK		SS	TBD	Northrop Grumn Rancho Bernardo		Mar-08	Feb-11	No	N/A
FY 2009	•											
5 Global Hawk Aircraft and 2 GS	5	111.216	303 AESG/PK		SS	TBD	Northrop Grumn Rancho Bernardo		Mar-09	Feb-11	No	N/A
Long lead for 5 Global Hawk aircraft	5		303 AESG/PK		SS	TBD	Northrop Grumn Rancho Bernardo		Mar-09	Feb-12	No	N/A

Remarks

Unit cost figures are the sum of the unit cost figures for aircraft and ground station from the P-5. Unit cost figures on these pages (P-5A) cannot be multiplied by the quantities which represent only the aircraft.

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Procurement History and Planning Exhibit P-5A, page 5 of 26

Ex	hibit P-21, Production	S																			D	ate: I	Febru	uary :	2008	,				
App	propriation (Treasury) Code	e/CC/BA/E	BSA/Item (Control Nu	ımber													Р	-1 Lin	e Iten	n Nom	nencla	ature							
Αi	rcraft Procureme	nt, Air	Force	, Budg	et Acti	vity	04,	Otl	her <i>i</i>	Airc	raft	, Ite	m N	lo. 2	20				SLO	BAI	_ H <i>A</i>	٩Wk	(
		PROCUREMENT YEAR PROCUREMENT YEAR PROCUREMENT																			FIS		EAR 20 ALEND		EAR 200	05			L A	
	PROCUREMENT YEAR	R V		1 OCT	1 OCT	O C T	N O V	D E C	J A N		M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	T E R
	2003	USAF	1	0	1															1										0
TOT	AL		1	0	1															1						<u> </u>	<u> </u>	<u> </u>	<u> </u>	0
						O C T	N O V		J A N	_	M A R		M A Y	N U	J U L	U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	N U	U U J	U G	S E P	
					PRODUCT	ION R	ATES							PRO	CURE	MENT	LEAD	TIME				•								
ITEN	//MANUFACTURER'S NAME		LOCATION	N		HOU	RS	Α											MFG TIME			TOTAL AFTER								
LRE	/ Northrop Grumman	OCUREMENT YEAR R V TO 1 OCT 1 OCT 2003 TO 0 N D J F M A M J J J A S N D D J F M A M J J J A S N D D D D D D D D D D D D D D D D D D															IIIVIE			1 OCT										
		1 0 1 0																												
DEV	MARKS																													

These production rates are for the LRE component of the Ground Segment only and are separate from the air vehicle production rates.

P-1 Shopping List Item No. 20

Production Schedule Exhibit P-21, page 6 of 26

The LRE's scheduled to deliver in CY 2006 and beyond are combined with the MCE's into one GS. GS delivery schedules are portrayed in a separate P-21

Exhibit P-21, Pro	Procurement, Air Force, Budget Activity 04, Other Aircraft, Item No. 20 S																		D	ate: l	-ebru	uary :	2008							
Appropriation (Treas	sury) Code	e/CC/BA/E	3SA/Item (Control No	ımber													Р	-1 Lin	e Iten	n Nom	nencla	ture							
Aircraft Proc	ureme	nt, Air	Force	, Budg	et Acti	vity	04,	Otl	ner A	Airc	raft	, Ite	m N	lo. 2	20				SLO	BAL	_ H <i>/</i>	۱W	(
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PROCUREMEN	T YEAR	R V		1 OCT	1 OCT	O C T	N O V	D E C	J A N		M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	T E R
2003	S																										0			
TOTAL			1	. 1	0																									0
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					PRODUCT	ON R	ATES				•		•	PRO	CURE	MENT	LEAD	TIME	•							•				
ITEM/MANUFACTURER	S															MFG TIME			TOTAL AFTER	:										
LRE / Northrop Grumman	USAF 1 1 0															TIIVIL			1 OCT											
DEMA DIKO																														

REMARKS

P-1 Shopping List Item No. 20

Production Schedule Exhibit P-21, page 7 of 26

These production rates are for the LRE component of the Ground Segment only and are separate from the air vehicle production rates.

The LRE's scheduled to deliver in CY 2006 and beyond are combined with the MCE's into one GS.

Exh	nibit P-21, Production	t Procurement, Air Force, Budget Activity 04, Other Aircraft, Item No. 20 S PROC PRIOR PRIOR DUE 2007 CALENDAR YEAR 2008																		D	ate: I	-ebru	ary 2	2008						
Appı	ropriation (Treasury) Code	ACCEP. PROC. OTY V C N B R R Y N L G P C O E A E A P A U U U U E C O E A E A P A U U U U E C O E A E A P A U U U U E C O E A E A P A U U U U E C O E A E A P A U U U U E C O E A E A P A U U U U E C O E A E A P A U U U U E C O E A E A P A U U U U U E C O E A E A P A U U U U U E C O E A E A P A U U U U U E C O E A E A E A P A U U U U U E C O E A E A E A P A U U U U U E C O E A E A E A P A U U U U U E C O E A E A E A P A U U U U U E C O E A E A E A P A U U U U U E C O E A E A E A P A U U U U U E C O E A E A E A P A U U U U U E C O E A E A E A P A U U U U U E C O E A E A E A P A U U U U U E C O E A E A E A P A U U U U E E C O E A E A E A P A U U U U U E E C O E E A E A E A P A U U U U E E C O E E A E A P A U U U U E E C O E E A E A E A P A U U U U U E E C O E E A E A E A P A U U U U E E C O E E A E A E A P A U U U U U E E C O E E A E A E A P A U U U U E E C O E E A E A E A P A U U U U U E E C O E E A E A E A P A U U U U E E C O E E A E E A P E A P A U U U U E E C O E E A E E A P E A P A U U U U E E C O E E A E E A P E A P E A U U U U U E E C O E E A E E A P E A P E A U U U U U E E C O E E A E E A P E A P E A U U U U U E E C O E E A E E E E E E E E E E E E E E E E													Р	-1 Lin	e Item	n Nom	nencla	ture										
Air	craft Procureme	nt, Air	Force	, Budg	et Acti	vity	04,	Oth	ner /	4irc	raft	, Ite	m N	lo. 2	20				SLO	BAL	_ H <i>A</i>	١W٢	(
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					PRODUCT	ON R	ATES			•				PRO	CURE	MENT	LEAD :	TIME				•								
ITEM	/MANUFACTURER'S NAME		LOCATION	N	SUST	HOUF	RS	Α											MFG			TOTAL AFTER								
	Northrop Grumman	ANUFACTURER'S NAME															TIME			1 OCT										
	·			·					INITIA REOR																					

REMARKS

P-1 Shopping List Item No. 20

Production Schedule Exhibit P-21, page 8 of 26

These production rates are for the Ground Segment only and are separate from the air vehicle production rates.

The LRE's scheduled to deliver in CY 2006 and beyond are combined with the MCE's into one GS.

Exh	ibit P-21, Productio	Treasury Code/CC/BA/BSA/Item Control Number Procurement, Air Force, Budget Activity 04, Other Aircraft, Item No. 20																			D	ate: l	ebru	ary 2	2008					
Appro	opriation (Treasury) Cod	Accep. Rocurement, Air Force, Budget Activity 04, Other Aircraft, Item No. 20 S													Р	-1 Lin	e Item	n Nom	nencla	ture										
Air	craft Procureme	nt, Air	Force	, Budg	et Acti	vity	04,	Oth	ner /	4irc	raft	, Ite	m N	lo. 2	20				SLO	BAL	_ H <i>A</i>	۱W	(
	PROCUREMENT YEAR S PROC. PRIOR OT OT OT OT OT OT OT																			FIS		EAR 20 ALEND		AR 201	11			L A		
	PROCUREMENT YEAR R QTY V ON B R R Y N L G P DO S ON D J F M A M J J A S ON C ON B R R Y N L G P D D D D D D D D D D D D D D D D D D														O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	T E R			
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														PRO			LEAD	TIME												
ITEM/	T V C N B R R Y N L G P																MFG TIME			TOTAL AFTER										
LRE /	I/MANUFACTURER'S NAME LOCATION DAYS X / Northrop Grumman Rancho Bernardo, CA 1-8-5 2 PRIOR AFTER															IIIVIE			1 OCT											
									INITIA REOR																					

REMARKS

P-1 Shopping List Item No. 20

Production Schedule Exhibit P-21, page 9 of 26

These production rates are for the Ground Segment only and are separate from the air vehicle production rates.

The LRE's scheduled to deliver in CY 2006 and beyond are combined with the MCE's into one GS.

Exhibit P-21, Production	on Sche	dule																			D	ate:	Febr	uary	2008	3			
Appropriation (Treasury) Co	de/CC/BA/	BSA/Item	Control No	umber													P	-1 Lin	e Iten	n Non	nencla	ature							
Aircraft Procurem	ent, Aiı	r Force	, Budg	jet Act	ivity	04	, Otl	her .	Airc	craft	t, Ite	m M	No.	20				GLO	BAI	L H	٩W	〈							
	S		ACCEP.	BALANCE	3				FIS	SCAL Y	EAR 2										FIS		EAR 2						L
PROCUREMENT YEAR	E R	PROC. QTY	PRIOR TO 1 OCT	AS OF 1 OCT	O C	2001 N O	D E	J A	F E	M A	A P	M A	ENDAF J U	YEAF J U	A U	S E	O C	N O	D E	J A	F E	M A	ALENI A P	OAR YE M A	J U	03 J U	A U	S E	T E
	V		2001	2001	T	V	C	N	В	R	R	Y	N	L	G	P	T	V	C	N	В	R	R	Y	N	L	G	P	R
2002	USAF	2		2	2																							1	. 1
2003	USAF	4) 4	1																						ـــــــ		4
2004	USAF	4)	1																						↓		4
2005	USAF	4	. () 4	-	-					<u> </u>	-															₩		4
2006	USAF USAF	5		2	-	-	.		ļ		ļ	-	ļ				-			1	ļ		-	1	-		₩	-	
2007	USAF	5		, ,	2	-	1			1		-			1		1						1		1		+	-	- 5
2009	USAF	5		,	:	-	1					1															+		- 5
2010	USAF	5	i	2	5				1				1								1						+		5
2011	USAF	5	0	5	;	1																					+		5
2012	USAF	5	0) 5	5																						1		5
2013	USAF	5	0	5	5																						1		5
TOTAL		54	(54	1																							1	53
					O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	N N	U J	A U G	S E P	O C T	N O V	D E C	J A	F E B	M A R	A P R	M A Y	N N	J L	A U G	S E P	
				PRODUC	TION F	RATES							PRC	CURE	MENT	LEAD	TIME												
				MIN SUST	SHIF	RS	M A								MIN TIME			MFG			TOTAL								
ITEM/MANUFACTURER'S NAME		LOCATION			DAY	_	X	1									-	TIME			AFTEF								
Global Hawk / Northrop Grumman		Rancho Ber	nardo, CA	2	1-8-5		2							IOR OCT	AF1						1 OCT								
								INITI/						-		-							1						
DELM DIVO								REOF	RDER																				
REMARKS	, .	1 1 00	c		1 1 1		1 2005	,					.,	1	. 111	1 11			,	a	1 64		-		,	1 2			
Deliveries for the 2006 procurement y	ear and prior a	are based off o	i negotiated o	contracts. All	defivei	nes for t	ne 2007	procur	ement y	ear and	beyon	d are co	nsidere	i "proje	cted" ar	na subje	ect to ch	iange ba	sed on	the need	as of the	e Air Fo	orce. Fo	or exam	pie, pro	duction	rate		

Deliveries for the 2006 procurement year and prior are based off of negotiated contracts. All deliveries for the 2007 procurement year and beyond are considered "projected" and subject to change based on the needs of the Air Force. For example, production rate increases can result from increases in the number of shifts and/or shift hours

P-1 Shopping List Item No. 20

Production Schedule Exhibit P-21, page 10 of 26

Exhibit P-21, Production	n Sched	lule																			D	ate:	Febr	uary	2008	}			
Appropriation (Treasury) Cod	e/CC/BA/I	BSA/Item (Control No	ımber													P	-1 Lin	e Iten	n Non	nencla	ature							
Aircraft Procureme					ivity	/ 04,	Otl	her .	Airc	raft	, Ite	m N	lo.	20				GLO	BAI	L HA	٩Wk	(
	S		ACCEP.	BALANCE					FIS	SCAL Y	EAR 2										FIS		EAR 2						L
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ITEM/MANUFACTURER'S NAME		LOCATION	١	SUST	HOU		A X							LEAD	TIME			MFG TIME			TOTAL AFTEF								
Global Hawk / Northrop Grumman		Rancho Ber	nardo, CA	4	1-8-5		2							IOR OCT	AFT 1 C			IIIVIE			1 OCT	•							
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Deliveries for the 2006 procurement year	ar and prior a	re based off o	f negotiated o	ontracts. All	deliver	ies for t	he 2007	procur	ement y	ear and	beyon	d are co	nsidered	l "proje	cted" ar	nd subje	ect to ch	ange ba	sed on	the need	ds of the	Air Fo	rce. Fo	or exam	ple, pro	duction	rate		

increases can result from increases in the number of shifts and/or shift hours

P-1 Shopping List Item No. 20

Production Schedule Exhibit P-21, page 11 of 26

Exh	ibit P-21, Productio	n Sche	dule																			D	ate:	Febr	uary	2008	}			
Appr	opriation (Treasury) Cod	le/CC/BA/	/BSA/Item	Control No	umber													Р	-1 Lin	e Iten	n Non	nencla	ature							
	craft Procureme					ivity	/ 04 ,	Oth	ner .	Airc	raft	, Ite	m M	No.	20			G	SLO	BAI	L H	٩Wk	(
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ITEM/	MANUFACTURER'S NAME		LOCATION	N		DAY		X							,				MFG			AFTER								
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Delive	ries for the 2006 procurement ye	ar and prior	are based off o	f negotiated of	contracts. All	deliver	ies for t	he 2007	procur	ement y	ear and	beyond	d are co	nsidere	l "proje	cted" an	ıd subje	ct to ch	ange ba	sed on	the need	ds of the	Air Fo	rce. Fo	or exam	ple, pro	duction	rate		

increases can result from increases in the number of shifts and/or shift hours

P-1 Shopping List Item No. 20

Production Schedule Exhibit P-21, page 12 of 26

Exhibit P-21, Producti	on Sched	dule																			D	ate: I	Febru	uary :	2008				
Date: February 2008 P-21, Production Schedule																													
Aircraft Procurem	ent, Air	Force	, Budg	jet Act	ivity	04 ,	, Otl	her .	Airc	raft	, Ite	m N	lo. 2	20				SLO	BAI	_ H <i>A</i>	١W	(
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				SUST	HOU	RS	Α							LEAD	TIME			MFG		-	TOTAL	_							
ITEM/MANUFACTURER'S NAME		LOCATION	N		DAYS	3	Х											TIME			AFTER	₹							
Global Hawk / Northrop Grumman		Rancho Ber	nardo, CA	4	1-8-5		2						PR		AF1	ΓER		IIIVIE			1 OCT								
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Deliveries for the 2006 procurement	ear and prior a	are based off of	f negotiated of	contracts. All	deliver	ies for t	he 2007	procure	ement y	ear and	beyond	l are co	nsidered	l "projec	cted" ar	ıd subje	ct to ch	ange ba	sed on	he need	ls of the	e Air Fo	rce. Fo	or exam	ple, prod	duction	rate		

Deliveries for the 2006 procurement year and prior are based off of negotiated contracts. All deliveries for the 2007 procurement year and beyond are considered "projected" and subject to change based on the needs of the Air Force. For example, production rate increases can result from increases in the number of shifts and/or shift hours

P-1 Shopping List Item No. 20

Production Schedule Exhibit P-21, page 13 of 26

Exhibit P-21, Production	on Sched	dule																			D	ate:	Febr	uary	2008	}			
Appropriation (Treasury) Cod	de/CC/BA/	BSA/Item (Control No	ımber													Р	-1 Lin	e Iten	n Non	nencla	ature							
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	E	PROC.	PRIOR	DUE		2009						CAL	ENDAF	YEAR	2010							C	ALENI	DAR YE	EAR 20	11			Α
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2005	USAF	4	4	0)																								0
2006	USAF	5	5	0)																								0
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2008	USAF	5	0	5	i				1		1		1			1		1											0
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2010	USAF	5	0	5	5																								5
2011	USAF	5	0	5	5																								5
2012	USAF	5	0	5	5																								5
2013	USAF	5	0	5	i																						<u> </u>		5
TOTAL		54	22	32			1		1		1		1			1		1			1		1			1	<u> </u>		22
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		_			T	V	С	N	В	R	R	Υ	N	L	G	P	T	V	С	N	В	R	R	Υ	N	L	G	Р	<u> </u>
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ITEM/MANUSEA OTUBERIO NAME				SUST	HOU		A							LEAD	TIME			MFG			TOTAL								
ITEM/MANUFACTURER'S NAME		LOCATION		.	DAYS		X	4						100				TIME			AFTER								
Global Hawk / Northrop Grumman		Rancho Ber	nardo, CA	4	1-8-5		2							IOR OCT	AFT 1 C						1 OCT								
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Deliveries for the 2006 procurement y	ear and prior a	re based off o	f negotiated o	ontracts. All	deliver	ies for t	ne 2007	procur	ement y	ear and	beyond	d are co	nsidered	l "proje	cted" an	nd subje	ct to ch	ange ba	sed on	the need	ds of the	Air Fo	rce. Fo	or exam	ple, pro	duction	rate		

increases can result from increases in the number of shifts and/or shift hours

P-1 Shopping List Item No. 20

Production Schedule Exhibit P-21, page 14 of 26

Exhibit P-21, Producti	on Sched	dule																			D	ate: I	Febr	uary	2008	}			
Appropriation (Treasury) Co	de/CC/BA/	BSA/Item (Control No	umber													Р	-1 Lin	e Iten	n Nom	nencla	ature							
Aircraft Procurem					ivity	/ 04 ,	Otl	her	Airc	raft	t, Ite	m M	No.	20				GLO	BAI	_ H <i>A</i>	٩Wk	(
	S		ACCEP.	BALANCE					FIS	SCAL Y	EAR 2										FIS		EAR 2						L
	E	PROC.	PRIOR	DUE		2011						CAL	ENDAF	R YEAR	R 2012							C	ALENI	OAR YE	EAR 20	13			A
PROCUREMENT YEAR	R	OTY	TO	AS OF	О	N	D	J	F	M	Α	M	J	J	Α	S	О	N	D	J	F	M	Α	M	J	J	Α	S	T
	V		1 OCT	1 OCT	С	O V	E	A N	E B	A	P	A V	U N	U	U	E	С	O V	E	A N	E B	A R	P R	A Y	U N	U	U G	E	E R
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ITEM/MANUFACTURER'S NAME		LOCATION	٧		DAYS	3	Х											TIME			AFTER	₹							
Global Hawk / Northrop Grumman		Rancho Ber	nardo, CA	4	1-8-5		2	1						IOR OCT		TER OCT]	IIIVIE			1 OCT	•							
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increases can result from increases in the number of shifts and/or shift hours

P-1 Shopping List Item No. 20

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Exl	xhibit P-21, Production Schedule																	D	ate:	-ebru	lary	2008								
App	rcraft Procurement, Air Force, Budget Activity 04, Other Aircraft, Item No. 20 S PROCUREMENT YEAR P-1 ACCEP. PRIOR PROC. PRIOR AS OF O N D I F M A M M I PROCUREMENT YEAR PROC. PRIOR													-1 Lin	e Iten	n Non	nencla	ature												
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REM/	IARKS																													

P-1 Shopping List Item No. 20

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These production rates are for the MCE component of the ground segment only and are separate from the aircraft production rates.

The MCE's scheduled to be delivered in CY 2006 and beyond are incorporated into the Ground Segment (GS) with the LRE. GS delivery schedule is portrayed in a separate P-21.

Exhibit P-21, Production	craft Procurement, Air Force, Budget Activity 04, Other Aircraft, Item No. 20 GLC																	D	ate: F	ebru	uary :	2008							
Appropriation (Treasury) Code	Craft Procurement, Air Force, Budget Activity 04, Other Aircraft, Item No. 20 S PROCUREMENT YEAR S PROC.													-1 Lin	e Iten	n Nom	nencla	ature											
Aircraft Procuremer	nt, Air	Force,	, Budg	et Acti	vity	04,	Oth	ner A	Airc	raft	, Ite	m N	lo.	20			G	SLO	BAI	_ H <i>A</i>	١W	(
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MCE/ Northrop Grumman	PRODUCTION RATES														IIIVIE		•	1 OCT	•										
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P-1 Shopping List Item No. 20

Production Schedule Exhibit P-21, page 17 of 26

These production rates are for the MCE component of the ground segment only and are separate from the aircraft production rates.

The MCE's scheduled to be delivered in CY 2006 and beyond are incorporated into the Ground Segment (GS) with the LRE. GS delivery schedule is portrayed in a separate P-21.

Ex	hibit P-21, Productio	n Sched	lule																			D	ate:	Febru	uary	2008	}			
App	ropriation (Treasury) Code/CC/BA/BSA/Item Control Number *Craft Procurement, Air Force, Budget Activity 04, Other Aircraft, Item No. 20 S PROCUREMENT YEAR BALANCE PRIOR DUE AS OF O N D J F M A M J J A S O PA O O N D J F M A M J J A S O O O O N D D D D D D D D D D D D D D D														-1 Lin	e Iten	n Non	nencla	ature											
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	PROCUREMENT YEAR	R V		1 OCT	1 OCT	O C T	N O V		J A N		M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	T E R
	2002	DEUREMENT YEAR PROC. QTY																										0		
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		CUREMENT YEAR R QTY TO AS OF O N D J F M A M J J A S O																	ı											
ITEN	M/MANUFACTURER'S NAME	R															MFG			TOTAL AFTEF										
MCE	E/ Northrop Grumman		Rancho Ber	nardo, CA	1	1-8-5		2							IOR OCT		TER OCT		TIME			1 OCT	-							
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REM	1ARKS		•		•			•																						

P-1 Shopping List Item No. 20

Production Schedule Exhibit P-21, page 18 of 26

These production rates are for the MCE component of the ground segment only and are separate from the aircraft production rates.

The MCE's scheduled to be delivered in CY 2006 and beyond are incorporated into the Ground Segment (GS) with the LRE. GS delivery schedule is portrayed in a separate P-21.

Exhibit P-21, Production	nibit P-21, Production Schedule ropriation (Treasury) Code/CC/BA/BSA/Item Control Number Craft Procurement, Air Force, Budget Activity 04, Other Aircraft, Item No. 20 GLO GLO GLO GLO GLO GLO GLO GL																	D	ate: F	ebru	uary :	2008							
Appropriation (Treasury) Code	Craft Procurement, Air Force, Budget Activity 04, Other Aircraft, Item No. 20 S PROCUREMENT YEAR BALANCE PROC PROC PROC PROC PROC PROC PROC PROC														-1 Lin	e Item	n Nom	nencla	ature										
Aircraft Procuremei	nt, Air	Force,	, Budg	et Acti	vity	04,	Oth	ner <i>i</i>	Airc	raft	, Ite	m N	lo.	20			G	SLO	BAL	_ H <i>A</i>	١W	(
	S PROC. QTY V O																		FIS	SCAL Y C			EAR 200)9			L A		
PROCUREMENT YEAR	E R V		TO 1 OCT	1 OCT	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A	J U	J U L	A U	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	T E R
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	V																												
TEM/MANUFACTURER'S NAME		LOCATION	I	SUST	HOUF	RS	M A X											MFG			TOTAL AFTER								
MCE/ Northrop Grumman	PRODUCTION RATES														IIIVIE		•	1 OCT	•										
REMARKS								INITIA REOR						2 2		2 2			25 25			27 27							

P-1 Shopping List Item No. 20

Production Schedule Exhibit P-21, page 19 of 26

These production rates are for the MCE component of the ground segment only and are separate from the aircraft production rates.

The MCE's scheduled to be delivered in CY 2006 and beyond are incorporated into the Ground Segment (GS) with the LRE. GS delivery schedule is portrayed in a separate P-21.

Ex	hibit P-21, Productio	n Sched	lule																			D	ate:	Febru	lary	2008				
App	Craft Procurement, Air Force, Budget Activity 04, Other Aircraft, Item No. 20 S E PROCUPEMENT YEAR S E PROC. PRO														-1 Lin	e Iten	n Non	nencla	ature											
Ai	rcraft Procureme	ent, Air	Force	, Budg	et Acti	vity	0 4,	Ot	her <i>i</i>	Airc	raft	, Ite	m N	lo.	20				GLO	BAI	L H	٩Wŀ	(
		S PROC PRIOR DUE 2009 FISCAL YEAR 2010 CALENDAR YEAR 2010																		FIS		EAR 20 ALEND		EAR 20	11			L A		
	PROCUREMENT YEAR	R V		1 OCT	1 OCT	O C T	N O V		J A N		M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	T E R
	2002	CUREMENT YEAR PROC. PRIOR DUE TO AS OF O N D J F M A M J J A S O O O O O O O O O																										0		
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ITEN	//MANUFACTURER'S NAME	V 2009 2009 T V C N B R R Y N L G P T USAF 1 1 1 0															MFG TIME			TOTAL AFTEF										
MCE	E/ Northrop Grumman		Rancho Ber	rnardo, CA	1	1-8-5		2							IOR		TER OCT		IIIVIE			1 OCT	-							
									INITIA REOF						2		2 2			25 25			27 27							
REM	MARKS		•		•			•						•																

P-1 Shopping List Item No. 20

Production Schedule Exhibit P-21, page 20 of 26

These production rates are for the MCE component of the ground segment only and are separate from the aircraft production rates.

The MCE's scheduled to be delivered in CY 2006 and beyond are incorporated into the Ground Segment (GS) with the LRE. GS delivery schedule is portrayed in a separate P-21.

Exhibit P-21, Production Schedule	е																Da	ate: F	-ebru	uary 2	2008				
Appropriation (Treasury) Code/CC/BA/BS/	A/Item Control Nu	mber											P-	1 Line	e Item	Nom	encla	ture							
Aircraft Procurement, Air F	orce, Budg	et Activ	vity 04,	Oth	ner Ai	rcraft	, Ite	m N	lo. 2	20			G	LO	BAL	. HA	W	(
S	PROC. ACCEP. PRIOR	BALANCE DUE	2001			FISCAL Y	EAR 2		ENDAR	YEAR	2002						FIS	CAL Y		003 OAR YE	AR 200	03			L A
PROCUREMENT YEAR R V	QTY TO 1 OCT 2001	AS OF 1 OCT 2001	O N C O T V	D E C	J F A E N E		A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	T E R
2004 USAF	USAF 1 0 1 0 1																								1
	V 2001 2001 T V C N B R R Y N L G P T V USAF 1 0 1																						-	$\vdash \vdash$	1
	USAF 1 0 1																								3
2008 USAF	USAF 1 0 1																								1
	USAF 1 0 1																								2
TOTAL	9 0	9																					<u> </u>		9
			O N C O T V	D E C	J F A E N E		A P R	M A Y	J U J	J U	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J L	A U G	S E P	
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GS/Northrop Grumman Ra	ancho Bernardo, CA	1	1-8-5	2	1				PRI 1 O		AFT 1 O					1	1 OCT								
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DEMARKS					REORDE	R				2		2			25			27							
REMARKS																									

These production rates are for the complete Ground Segment and are separate from the aircraft production rates.

P-1 Shopping List Item No. 20

Production Schedule Exhibit P-21, page 21 of 26

Ext	nibit P-21, Production	n Sched	lule																			D	ate: l	Febru	uary 2	2008				
App	ropriation (Treasury) Code	e/CC/BA/E	3SA/Item (Control No	umber													Р	-1 Lin	e Iten	n Nom	nencla	ature							
Air	craft Procureme	nt, Air	Force	, Budg	jet Acti	ivity	04,	Otl	ner /	4irc	raft	, Ite	m N	lo. 2	20			C	LO	BAL	_ H <i>A</i>	١W	(
		S		ACCEP. PRIOR	BALANCE DUE		2003			FIS	CAL Y	EAR 2		ENIDAE	R YEAR	2004						FIS		EAR 2	005 OAR YE	AD 200).5			L
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	2004	4 USAF 1 0 1															,						-			Ť		1		
	2005	5 USAF 1 0 1																										1		
	2006	USAF 1 0 1																										1		
	2007	USAF 1 0 1																								<u> </u>		3		
	2008	USAF	1	0	1																							<u> </u>	Щ.	1
TOT.	2009	USAF	2	0	2		ļ																					└	<u> </u>	2
TOT	AL .		9	0	9		L.,		— .				.	<u> </u>	<u> </u>		_	_				<u> </u>	L.,	_			<u> </u>		\vdash	9
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					PRODUCT	ION R	ATES							PRO	CURE	MENT	LEAD :	TIME												
					MIN SUST	SHIF	RS	M A							ADI LEAD	MIN TIME			MFG			TOTAL								
	/MANUFACTURER'S NAME		LOCATION			DAYS	<u> </u>	X	4						IOD				TIME			AFTER								
GS/N	orthrop Grumman		Rancho Ber	nardo, CA	1	1-8-5		2							IOR OCT	AF1 1 C	OCT					1 OCT								
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									REOR	DER					2		2			25			27							
REM	ARKS																													

These production rates are for the complete Ground Segment and are separate from the aircraft production rates.

P-1 Shopping List Item No. 20

Production Schedule Exhibit P-21, page 22 of 26

Exhibit P-21, Produ	ıction Sche	dule																			Da	ate: I	Febru	uary 2	2008	1			
Appropriation (Treasury) Code/CC/BA	/BSA/Item (Control N	umber													Р	-1 Lin	e Iten	n Nom	nencla	ature							
Aircraft Procure	ement, Ai	r Force	, Budg	jet Act	ivity	<i>i</i> 04,	Otl	her .	Airc	raft	, Ite	m M	lo.	20				SLO	BAI	_ H/	٩W٢	K							
	S	PROG	ACCEP. PRIOR	BALANCE DUE		2005			FIS	CAL Y	EAR 2		ENDAF	R YEAR	2006						FIS		YEAR 20 'ALEND	2007 DAR YE	EAR 200	07			L A
PROCUREMENT YI	EAR R V	PROC. QTY	TO 1 OCT 2005	AS OF 1 OCT 2005	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	T E R
2004	USAF	1	() 1		1								1								1	1	1					0
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2007	USAF 3 0 3																			<u> </u>	↓		↓		<u> </u>	<u> </u>		3	
2008	USAF	1	() 1																	<u> </u>	↓		↓		<u> </u>	<u> </u>	<u> </u>	1
2009	USAF	2	() 2																	<u> </u>	Ļ—		↓	$ldsymbol{ldsymbol{\sqcup}}$	↓	<u> </u>	igsquare	2
TOTAL		9	(9				<u> </u>				L.,		. 1	<u> </u>		_				 -		⊢. -		\vdash		1	لــــِــا	7
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				PRODUCT	TION R	ATES						10	PRC	CURE	MENT	LEAD	TIME												
UTEM/MANUEA OT UDEDIO A	A.N.45	LOCATION	ı,	MIN SUST	SHIF	RS	M A								MIN TIME			MFG			TOTAL								
ITEM/MANUFACTURER'S N GS/Northrop Grumman	AIVIE	LOCATION Rancho Ber		1	DAYS 1-8-5		X	-					DD	IOR	AF	red	-	TIME			AFTER 1 OCT								
GS/Northrop Grunnhan		Kancho Bei	nardo, CA	1	1-6-3									DCT		OCT					1001								
								INITIA						2		2			25			27							
								REOF	RDER					2		2			25			27	<u></u>						
REMARKS																													Į.

These production rates are for the complete ground Segment and are separate from the aircraft production rates.

P-1 Shopping List Item No. 20

Production Schedule Exhibit P-21, page 23 of 26

Exl	hibit P-21, Production	n Sched	ule																			Di	ate: I	Febru	uary	2008				
App	propriation (Treasury) Code	e/CC/BA/E	3SA/Item (Control No	umber													P	-1 Lin	e Iten	Nom	encla	ature							
Ai	rcraft Procureme	nt, Air	Force	, Budg	et Acti	vity	04,	Oth	ner A	Airc	raft	, Ite	m N	lo.	20			G	LO	BAL	. H <i>A</i>	١W٢	(
		S	PROC.	ACCEP. PRIOR	BALANCE DUE		2007			FISC	CAL Y	EAR 2		ENDAF	R YEAR	2008						FIS	CAL Y	EAR 20 ALEND		EAR 200	09			L A
	PROCUREMENT YEAR	R V	QTY	TO 1 OCT 2007	AS OF 1 OCT 2007	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	T E R
	2004	USAF	1	1	0																									0
	2005	USAF USAF	1	1	0										1													<u> </u>	-	0
	2007	USAF 3 0 3																							1				1	1
	2008	USAF 1 0 1																												1
	2009	USAF	2	0	2																							<u> </u>	<u> </u>	2
TOT	AL		9	2	7										1										1			⊥	1	4
						O C T	N O V	υшο	J A N	F E B	M A R	A P R	M A Y	N N	J U L	A U G	S E P	0 0 T	N O V	ΔШС	J A N	F E B	M A R	A P R	M A Y	N N	J L	A U G	S E P	
					PRODUCT	_								PRC	CURE		LEAD	ГІМЕ												
					MIN SUST	SHIF HOU	RS	M A								MIN TIME			MFG			TOTAL								
	M/MANUFACTURER'S NAME		LOCATION			DAYS	3	Χ											TIME			AFTER								
GS/N	Northrop Grumman		Rancho Ber	nardo, CA	1	1-8-5		2							NOR OCT	AFT 1 C						1 OCT								
									INITIAL						2		2			25			27	1						
DE1	IA DIKO								REORE	DER					2		2			25			27							
KFN	MARKS																													

These production rates are for the complete ground Segment and are separate from the aircraft production rates.

P-1 Shopping List Item No. 20

Production Schedule Exhibit P-21, page 24 of 26

Exhibit P-21, Production	n Sched	lule																			Di	ate: I	ebru	uary 2	2008				
Appropriation (Treasury) Cod	le/CC/BA/	BSA/Item (Control No	umber													Р	-1 Lin	e Item	n Nom	nencla	ature							
Aircraft Procureme	ent, Air	Force	, Budg	jet Acti	vity	04,	Otl	her A	۱irc	raft	, Ite	m N	lo. 2	20				SLO	BAL	_ H <i>A</i>	١W٢	(
	S	PROC.	ACCEP. PRIOR	BALANCE DUE		2009			FIS	CAL Y	EAR 2		ENDAR	YEAR	R 2010						FIS	CAL Y			EAR 201	11			L A
PROCUREMENT YEAR	R V	QTY	TO 1 OCT 2009	AS OF 1 OCT 2009	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	T E R
2004	USAF	1	1	. 0																									0
2005	USAF	1	1	. 0																									0
2006	USAF 1 1 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1																											0	
2007	USAF 3 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1																											0	
2008	USAF	1	0	1									1														<u> </u>		0
2009	USAF	2	0	2															1								1		0
TOTAL		9	5	4					1				1						1								1		0
					O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	U U	U L	U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J L	A U G	S E P	
				PRODUCT	ION R	ATES							PRO	CURE	MENT	LEAD	TIME												
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ITEM/MANUFACTURER'S NAME		LOCATION		1	DAYS	5	Х	_						100				TIME			AFTER								
GS/Northrop Grumman		Rancho Ber	nardo, CA	1	1-8-5		2	_					PR 1 C	IOR OCT	AF 1 C	IER OCT					1 OCT								
								INITIAL						2		2			25			27							
								REORI	DER					2		2			25			27							
REMARKS																													

These production rates are for the complete Ground Segment and are separate from the aircraft production rates.

P-1 Shopping List Item No. 20

Production Schedule Exhibit P-21, page 25 of 26

Exh	ibit P-21, Production	n Sched	lule																			D	ate: I	-ebru	uary 2	2008				
Appro	opriation (Treasury) Code	e/CC/BA/E	3SA/Item (Control No	umber													Р	-1 Lin	e Iten	n Nom	nencla	ature							
Air	craft Procureme	nt, Air	Force	, Budg	et Acti	ivity	04,	Otl	her <i>i</i>	Airc	raft	, Ite	m N	lo.	20			C	SLO	BAI	_ H <i>A</i>	٩Wk	(
		S	PROC.	ACCEP. PRIOR	BALANCE DUE		2011			FIS	CAL Y	EAR 2		ENDAF	R YEAR	2012						FIS	SCAL Y C.			EAR 201	13			L A
	PROCUREMENT YEAR	R V	QTY	TO 1 OCT 2011	AS OF 1 OCT 2011	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	T E R
	2004	USAF	1	1	0																									0
	2005 USAF 1 1 0 2006 USAF 1 1 0 2007 USAF 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2																											0		
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	2008																												0	
	2009	USAF	2	2	0																									0
TOTA	L		9	9	0																						<u> </u>	<u> </u>		0
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	N N	J U L	A U G	S E P	C T	N O V	υшο	J A N	F E B	M A R	A P R	M A Y	J U N	U L	A U G	S E P	
					PRODUCT	TON R	ATES							PRC	CURE	MENT	LEAD :	TIME												
					MIN SUST	SHIF	RS	M A							AD LEAD	MIN TIME			MFG			TOTAL								
	MANUFACTURER'S NAME		LOCATION			DAYS		Х											TIME			AFTER								
GS/No	orthrop Grumman		Rancho Ber	nardo, CA	1	1-8-5		2							IOR OCT	AF1	TER OCT					1 OCT								
									INITIA						2		2			25			27							
							-		REOR	RDER			-		2		2			25		-	27							
REMA	\RKS																													l

These production rates are for the complete Ground Segment and are separate from the aircraft production rates.

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Exhibit P-40, Budget Item Justifi	cation							D	ate: Februar	y 2008	
Appropriation (Treasury) Code/CC/BA/BS	SA/Item Contro	l Number					P-1 Line	Item Nomencla	ature		
Aircraft Procurement, Air	Force, Bu	dget Activity	, 04, Othe	r Aircraft,	Item No.	21	GLOE	BAL HAWI	K Advanc	e Procure	ement
Program Element for Code B Items:		N/A			Other Relate	d Program Ele	ements:		N/A		
	ID Code	Prior Years	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Comp	Total
Proc Qty	A										0
Cost (\$ M)											0.000
Advance Proc Cost (\$ M)		266.155	50.699	63.409	53.832	54.949	59.700	62.100		TBD	TBD
Weapon System Cost (\$ M)		266.155	50.699	63.409	53.832	54.949	59.700	62.100	0.000	TBD	TBD
Initial Spares (\$ M)											0.000
Total Proc Cost (\$ M)		266.155	50.699	63.409	53.832	54.949	59.700	62.100	0.000	TBD	TBD
Flyaway Unit Cost (\$ M)											

Description

Wpn Sys Unit Cost (\$ M)

The Global Hawk System provides high altitude, deep look, long endurance intelligence, surveillance, and reconnaissance (ISR) capability that compliments space and other airborne collectors during peacetime, crisis, and war-fighting scenarios.

This funding is procuring the highly capable Global Hawk System, which is comprised of aircraft, payloads, ground segment, and support segment. The aircraft is an autonomous, high altitude, long endurance, unmanned aircraft systems (UAS). The RQ-4A is an imagery-intelligence (IMINT) UAS designed to employ 2000 pounds of payload. The RQ-4A has one configuration known as the Block 10. The Block 10 employs an IMINT system comprised of a synthetic aperture radar (SAR) sensor and an electro-optical (EO) / infrared (IR) sensor. These three sensors are called the integrated sensor suite (ISS). The RQ-4B UAS is designed to employ 3000 pounds of payload and enable multi-intelligence (multi-INT) collecting. The RQ-4B has three configurations: Block 20, Block 30, and Block 40. The Block 20 will employ upgraded SAR and EO/IR sensors known as the enhanced ISS (EISS) in an IMINT only configuration. The Block 30 will employ the same EISS sensors as the Block 20 and will also integrate a wide spectrum signals intelligence (SIGINT) sensor called the Advanced Signals Intelligence Program (ASIP) sensor used simultaneously to create a multi-INT platform. The Block 40 will integrate the multi-platform radar technology insertion program (MP-RTIP) radar sensor, and currently plans to only carry the MP-RTIP sensor. The user will ultimately determine the optimal mix of quantities and payloads for each aircraft configuration based on operational requirements. The ground station (GS) includes the mission control element (MCE) and the launch and recovery element (LRE). The support segment includes aerospace ground equipment, tech orders, spares, support equipment, and training to enable operation of the Global Hawk System.

The Global Hawk program went through a Title 10, Section 2433 review in 2006, due to a unit cost breach (informally known as Nunn-McCurdy breach). The Department certified the program to Congress on June 5th, 2006. As a result of the review, the Department directed a program restructure to slow development, cap the low rate initial production (LRIP) at 5 per year, and reduce risk. LRIP will remain at 5 per year until successful completion of the initial operational test and evaluation (IOT&E).

Initial spares for the Global Hawk Program are included in the weapon system cost line. The Global Hawk Program will not separately budget for initial spares. The program includes initial spares and support equipment in production contracts as part of the Contractor Supported Weapon System (CSWS). In FY08, \$6.953M was added to the initial spares line by Congress to purchase weapon system spares.

Throughout the FYDP, the program will continue modernization to enhance the system to meet requirements as documented in updates to the Capability Development Document (CDD). During this time, the user will determine the optimal payload configuration and quantity for each aircraft based on current operational requirements. To accommodate the concurrent development and production strategy, one of the aircraft procured in FY04 will initially be used for flight characterization test activity of the Block 20 configuration. In

P-1 Shopping List Item No. 21

Budget Item Justification Exhibit P-40, page 1 of 4

UNCLASSIFIED Exhibit B.40. Budget Item Justification	Date: February 2008
Exhibit P-40, Budget Item Justification	•
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number	P-1 Line Item Nomenclature
Aircraft Procurement, Air Force, Budget Activity 04, Other Aircraft, Item No. 21	GLOBAL HAWK Advance Procurement
Description Continued	
addition, one of the aircraft procured in FY05 and one aircraft procured in FY06 will be used initially for advanced paylo	oads testing, for Blocks 30 and 40, respectively.
This program has associated Research Development Test and Evaluation funding in PE 0304260F, 0207423F, 0207450F	7.
FY 2009 Program Justification	
FY09 advance procurement purchases select aircraft and sensor long-lead components necessary to produce the Lot of U	AS systems planned for FY10 which will begin delivery in
FY12. The advance procurement includes five Global Hawk RQ-4B aircraft (with optimal payload configurations and qu	uantity as determined by the user), and associated support
systems. Additionally, the Air Force will need to increase the number of planned Global Hawk ground stations, due to up	pdated planning and employment factors. If the
opportunity to add fiscal resources is achieved in FY09, then advanced procurement will be added for at least one more C	Global Hawk Ground Station.

P-1 Shopping List Item No. 21

Budget Item Justification Exhibit P-40, page 2 of 4

Exhibit P-10 p.1, Advance P	rocuremen ⁶	t Requireme		Dat	te: February	2008						
(Page 1 - Funding)		-	-									•
Appropriation (Treasury) Code/CC/	/BA/BSA/Item	Control Numbe	er .					P-1 Line It€	em Nomenclatu	ıre		
Aircraft Procurement,	Air Force	, Budget /	Activity 04	, Other A	ircraft, Ite	∍m No. 21		GLOB#	L HAWK	Advance	e Procurer	nent
Weapon System						First System A	ward Date			First System C	Completion Date	е
HAE_AP							Jun-	-01			Sep-03	
					(\$ in Million				,			
<u>Description</u>	<u>PLT</u>	When Rqd	Prior Years	<u>FY 2007</u>	<u>FY 2008</u>	<u>FY 2009</u>	FY 2010	FY 2011	<u>FY 2012</u>	FY 2013	To Comp	<u>Total</u>
End Item Qty			19	5	5	5	5	5	5	5	TBD	54
CFE	Τ	Τ	266.155	50.699	63.409	53.832	54.949	59.700	62.100	0.000	TBD	610.844
GFE			0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	TBD	0.000
EOQ	T			N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.000
Design	T			N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.000
Term Liability				N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.000
	1	1		,	,	, <u> </u>	,	,		,	ı	0.000
TOTAL AP	1		266.155	50.699	63.409	53.832	54.949	59.700	62.100	0.000	0.000	610.844
<u>Description</u>												
CEE figures are the long lead fur	nding costs fo	r Clobal Hay	k aircraft with	associated no	vloade and th	GS (MCE a	and I DE)					

P-1 Shopping List Item No. 21

Advance Procurement Requirements Analysis (Page 1 - Funding) Exhibit P-10 p.1, page 3 of 4

				UNC	LASSIFI	ΕD						
Exhibit P-10 p.2, Advance		uirements	Analysis						Date	: February 2	2008	
(Page 2 - Budget Justifica	•											
Appropriation (Treasury) Code/C									Nomenclature			
Aircraft Procurement	, Air Force, Bu	dget Acti	ivity 04, Oth	ner Aircra	aft, Item	No. 21		GLOBAL	. HAWK	Advance	Procure	ment
Weapon System												
HAE_AP												
				(TOA,	\$ in Millio	ns)						
					2007			2008			2009	
					Contract	2007 Total		Contract	2008 Total		Contract	2009 Total
					Forecast	Cost		Forecast	Cost		Forecast	Cost
<u>Description</u>	<u>PLT</u>	<u>QPA</u>	Unit Cost	2007 QTY	<u>Date</u>	Request	2008 QTY	Date	Request	2009 QTY	<u>Date</u>	Request
End Item				5	Mar-07	397.300	5	Mar-08	514.005	5	Mar-09	661.112
			•					•		•	•	
CFE												
Aircraft lead items			9.934	5		49.671	5		61.305	5		53.832
GS Lead Items			1.028	1		1.028	2		2.104			0.000
GFE						0.000			0.000			0.000
			•					•		•	•	
EOQ	N/A					N/A			N/A			N/A
Design	N/A					N/A			N/A			N/A
Term Liability	N/A					N/A			N/A			N/A
TOTAL AP						50.699			63.409			53.832
Description									•		•	
Sensor Procurements formerly	CEE are now CEE											
Sensor Frocurements formerly	OTE are now CTE.											

P-1 Shopping List Item No. 21

Advance Procurement Requirements Analysis (Page 2 - Budget Justification)
Exhibit P-10 p.2, page 4 of 4

Exhibit P-40, Budget Item Just	tification			D	ate: Februar	y 2008						
Appropriation (Treasury) Code/CC/BA	/BSA/Item Control	P-1 Line	Item Nomencla	ature								
Aircraft Procurement, Ai	r Force, Buc	lget Activity	04, Othe	r Aircraft,	Item No.	22	PRED	ATOR UA	V			
Program Element for Code B Items	:	0305219F			Other Relate	d Program Ele	ments:		0305205F			
	ID Code	Prior Years	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Comp	Total	
Proc Qty	A	198	60	24	38	42	26	24	18	TBD		TBD

378.703

247.736

149.131

131.817

109.904

TBD

TBD

276.120

Description

Total Proc Cost (\$ M)

FY2007 funding total includes \$443.7M in GWOT supplemental.

FY2008 funding totals do not include \$191.6M FY2008 GWOT requirements still pending Congressional consideration.

1447.900

676.148

FY2007 includes funding for both the MQ-1 and MQ-9.

The MQ-9 Program moved to PE 0205219F in FY08. Historical MQ-9 accomplishments remain in this document.

Predator procurement includes all components of the MQ-1 weapon system and the MQ-9 through FY07. The basic MQ-1 system consists of the aircraft, a control station, communications equipment, support equipment, simulator and training devices, readiness spares packages (RSP), technical data/training, and personnel required to operate, maintain, and sustain the system. The system is designed to be modular and open-ended: mission-specific equipment is employed in a 'plug-and-play' mission kit concept allowing specific aircraft and control station configurations to be tailored to fit mission needs.

Breakout of aircraft quantities:

	FY06	FY07	FY08	FY09	FY10	FY11	FY12	FY13
MQ-1	24	48	24	38	42	26	24	18
MQ-1 MQ-9 Total	2	12						
Total	26	60	24	38	42	26	24	18

The MQ-1 aircraft is a single-engine, propeller-driven, remotely piloted aircraft (formerly called unmanned aerial vehicle) designed to operate over-the-horizon at medium altitude for long endurance sorties. The aircraft is designed to provide real-time Intelligence, Surveillance, Reconnaissance, and Target Acquisition (ISR TA), and attack roles to aggressively prosecute Time Sensitive Targets (TST). The MQ-1 will operate primarily at medium altitudes, integrating with joint aerospace, ground, and maritime forces as well as coalition and Allied forces, to execute combatant commander priority missions. The aircraft carries a Multi-spectral Targeting System (MTS) (a sensor turret that incorporates electro-optical (EO), Infra-Red (IR), laser designator, and IR illuminator) capable of transmitting real-time motion imagery throughout the operational theater. The program will develop and integrate Target Location Accuracy and Metric Sensor improvements. Additionally the aircraft is multi-configurable to carry either a Synthetic Aperture Radar (SAR) or Hellfire laser-guided missiles. The MQ-1 aircraft will continue to evolve and upgrade its capabilities (which may include signals intelligence (SIGINT), hyper-spectral sensors, communications, Target Location Accuracy and other sensor packages) to satisfy new requirements and address reliability and maintainability (R&M) and safety issues.

The Ground Control Station (GCS) functions as the aircraft cockpit and can control the aircraft either within line-of-sight (LOS) or beyond LOS (BLOS) via a combination of satellite relay and terrestrial communications. The GCS is either mobile to support forward operating locations or fixed at a facility to support Remote Split Operations (RSO). The GCS has the capability to perform mission planning; provide a means for manual and/or autonomous control and a GCS configuration to allow control of multiple aircraft and payloads; allow personnel to launch, recover, and monitor aircraft, payloads, and system communications status; secure data links to receive payload sensor data and command links; monitor threats to the aircraft; display common operational picture; and provide support functions. Additionally, a Launch and Recover GCS (LRGCS) and a Dual Control Mobile GCS (DCMGCS) allows for servicing, systems checks, maintaining, launching, and recovering aircraft under LOS control for hand-off to a mobile or fixed GCS. The GCS

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Budget Item Justification Exhibit P-40, page 1 of 30

UNCLASSIFIED	
Exhibit P-40, Budget Item Justification	Date: February 2008
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number	P-1 Line Item Nomenclature
Aircraft Procurement, Air Force, Budget Activity 04, Other Aircraft, Item No. 22	PREDATOR UAV
Description Continued	
will continue to evolve and upgrade its capabilities to keep pace with aircraft capabilities and the missions they perform.	
MQ-1s are procured sole-source with General Atomics-Aeronautical Systems Inc. (GA-ASI) as the prime contractor (de	velopment, production, integration, depot).
This program has associated Research Development Test and Evaluation funding in PE 0304260F and 0205219F.	
FY 2009 Program Justification	
Procurement funding includes MQ-1 aircraft, sensors and weapons kits, mobile and fixed Ground Control Stations (GCS Communication Systems, simulators & training devices, production support, Ground Data Terminals (GDT), initial spa and initial technical data/training.	

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Budget Item Justification Exhibit P-40, page 2 of 30

Exhibit P-5, Weapon System Cost Analysis							Dat	e: February	2008	
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Nu	mber					P-1 Line Ite	m Nomenclatu	ire		
Aircraft Procurement, Air Force, Budg	et Activity 04	1, Other A	ircraft, It	em No. 22		PREDA	TOR UAV	1		
Manufacturer's Name/Plant City/State Location				Subline Item						
General Atomics ASI/Rancho Bernardo/CA										
Weapon System	Ident			•	Total Cos	t in Millions o	f Dollars			
Cost Elements	Code		FY 2007			FY 2008			FY 2009	
				Total			Total			Total
		Qty	Unit Cost	Cost	Qty	Unit Cost	Cost	Qty	Unit Cost	Cost
MQ-1 Predator Aircraft (1)	A	48	3.810	182.883	24	3.999	95.977	38	4.383	166.566
MQ-9 Reaper Aircraft (2)	A	12	11.837	142.044						
P3I (1A)	A									61.918
Production Support (3)	A			15.970			9.573			10.536
Ground Control Systems (4)	A	29		92.538	24		53.432	14		33.146
Communication Systems (5)	A	6		16.424	8		22.400	5		11.764
Initial/Deployment Support Kits (6)	A			176.086			70.414			56.684
Support Equipment (7)	A			39.607			24.324			32.089
Training Device/Simulator	A			10.596						6.000
TOTAL PROGRAM				676.148			276.120			378.703
Comments	•			•			•			

- (1) Average unit cost includes aircraft with MTS laser sensor and Hellfire capability.
- (1A) P3I supports additional cost to transition to MQ-1C and ASIP 1C Installs.
- (2) MQ-9 total aircraft cost includes MTS sensor, Lynx SAR, and associated GFE.
- (3) Production Support includes Other Government Costs (OGC) and program management support for both MQ-1 and MQ-9, production tooling, and production specific data/drawings.
- (4) Quantity for Ground Systems includes mobile and fixed GCSs and other ground systems to include launch and recovery elements.
- (5) Quantity for Communication Systems includes Predator SATCOM System in FY08 and beyond. This line also funds other communication equipment.
- (6) Deployment support kit unit cost varies based on aircraft type (MQ-1 or MQ-9) and kit content (i.e. MQ-9 kit includes Lynx SAR).
- (7) Integrated Logistics Support includes initial spares, support equipment, technical data/training, and organic repair capability startup for the MTS laser sensor.

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Weapon System Cost Analysis Exhibit P-5, page 3 of 30

Exhibit P-5A, Procurement Hist	ory ar	nd Plannin	g						Dat	te: February	/ 2008	
Appropriation (Treasury) Code/CC/BA/E	SSA/Ite	m Control Nu	mber					P-1 Line It	em Nomenclatu	ıre		
Aircraft Procurement, Air	Ford	e, Budge	et Activity	04, Other	Aircraft,	Item No.	22	PREDA	TOR UAV	/		
Weapon System					Subline Iter	n						
PRED												
WBS Cost Elements	Qty	Unit Cost	Location of PCO	RFP Issue Date	Contract Method	Contract Type	Contractor and l	Location	Award Date	Date of First Delivery	Specs Available Now?	Date Revision Available?
FY 2002			4701		~~		20 1210 1/2		5 01	7 00	**	
RQ-1/MQ-1/General Atomics ASI	23		658th AESS/PK WPAFB OH		SS	FFP	RQ-1/MQ-1/Ge Atomics ASI, R Bernardo, CA		Dec-01	Jan-03	Yes	
MQ-9/General Atomics ASI	6		658th AESS/PK WPAFB OH		SS	Other	MQ-9/General A ASI, Rancho Be CA		Oct-01	Dec-01	Yes	
FY 2003												
RQ-1/MQ-1/General Atomics ASI	22		658th AESS/PK WPAFB OH		SS	FFP	RQ-1/MQ-1/Ge Atomics ASI, R Bernardo, CA		Dec-02	Jul-04	Yes	
MQ-9/General Atomics ASI	3		658th AESS/PK WPAFB OH		SS	FPIF	MQ-9/General ASI, Rancho Be		Jan-04	Jun-05	Yes	
FY 2004												
RQ-1/MQ-1/General Atomics ASI	10		658th AESS/PK WPAFB OH		SS	FFP	RQ-1/MQ-1/Ge Atomics ASI, R Bernardo, CA		Jul-04	Sep-05	Yes	
MQ-9/General Atomics ASI	5		658th AESS/PK WPAFB OH		SS	FPIF	MQ-9/General ASI, Rancho Be		Aug-04	Oct-06	Yes	
GCS/General Atomics ASI	7		658th AESS/PK WPAFB OH		SS	FFP	GCS/General A ASI, Rancho Be CA		Mar-04	Aug-05	Yes	
PPSL/L-3 Comm	7		658th AESS/PK WPAFB OH		SS	FFP	PPSL/L-3 Com Lake City, UT	m, Salt	Dec-03	Sep-04	Yes	
FY 2005	1											
RQ-1/MQ-1/General Atomics ASI	22		658th AESS/PK WPAFB OH		SS	FFP	RQ-1/MQ-1/Ge Atomics ASI, R Bernardo, CA		Nov-04	Feb-06	Yes	
MQ-9/General Atomics ASI	5		658th	•	SS	FPIF	MQ-9/General A	Atomics	Oct-05	May-07	Yes	

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Procurement History and Planning Exhibit P-5A, page 4 of 30

Exhibit P-5A, Procurement Hist	•		_							e: February	/ 2008	
Appropriation (Treasury) Code/CC/BA/E									em Nomenclatu			
Aircraft Procurement, Air	Ford	e, Budge	et Activity	04, Other	· Aircraft,	Item No. 2	22	PREDA	ATOR UAV	<u>/</u>		
Weapon System					Subline Iter	n						
PRED												
				RFP Issue	Contract	Contract				Date of First	Specs Available	Date Revision
WBS Cost Elements	Qty	Unit Cost	PCO AESS/PK WPAFB OH	Date	Method	Type	Contractor and ASI, Rancho B CA		Award Date	Delivery	Now?	Available?
GCS/General Atomics ASI	7		658th AESS/PK WPAFB OH		SS	FFP	GCS/General A ASI, Rancho B CA		Sep-06	Aug-08	Yes	
PPSL/L-3 Comm	1		658th AESS/PK WPAFB OH		SS	FFP	PPSL/L-3 Con Lake City, UT	nm, Salt	Sep-05	Dec-06	Yes	
FY 2006												
RQ-1/MQ-1/General Atomics ASI	24		658th AESS/PK WPAFB OH		SS	FFP	RQ-1/MQ-1/G Atomics ASI, I Bernardo, CA		Jul-06	Apr-07	Yes	
MQ-9/General Atomics ASI	2		658th AESS/PK WPAFB OH		SS	FPIF	MQ-9/General ASI, Rancho B CA		Oct-06	May-08	Yes	
GCS/General Atomics ASI	12		658th AESS/PK WPAFB OH		SS	FFP	GCS/General A ASI, Rancho B CA		Sep-06	Apr-08	Yes	
FY 2007												
RQ-1/MQ-1/General Atomics ASI	48		658th AESS/PK WPAFB OH		SS	FFP	RQ-1/MQ-1/G Atomics ASI, l Bernardo, CA		Sep-07	Sep-08	Yes	
MQ-9/General Atomics ASI	12		658th AESS/PK WPAFB OH		SS	FFP	MQ-9/General ASI, Rancho B CA		Jun-07	Mar-09	Yes	
GCS/General Atomics ASI	29		658th AESS/PK WPAFB OH		SS	FFP	GCS/General A ASI, Rancho B CA		Sep-07	Apr-09	Yes	
PPSL/L-3 Comm	6		658th AESS/PK WPAFB OH		SS	FFP	PPSL/L-3 Con Lake City, UT	*	Sep-07	Feb-08	Yes	
FY 2008												
RQ-1/MQ-1/General	24		658th		SS	FFP	RQ-1/MQ-1/G	eneral	Apr-08	Sep-09	Yes	

Procurement History and Planning Exhibit P-5A, page 5 of 30

Exhibit P-5A, Procurement Hist	-		_							te: February	/ 2008	
Appropriation (Treasury) Code/CC/BA/I									m Nomenclati			
Aircraft Procurement, Air	Ford	e, Budge	et Activity	04, Other	Aircraft,	Item No.	22	PREDA	TOR UAV	<i>l</i>		
Weapon System					Subline Iter	m						
PRED												
WING C. A FILL A	0.	П.: С.		RFP Issue	Contract	Contract			A 1D (Date of First	Specs Available	Date Revision
WBS Cost Elements Atomics ASI	Qty	Unit Cost	PCO AESS/PK WPAFB OH	Date	Method	Type	Contractor and L Atomics ASI, Ra Bernardo, CA		Award Date	Delivery	Now?	Available?
GCS/General Atomics ASI	24		658th AESS/PK WPAFB OH		SS	FFP	GCS/General Ato ASI, Rancho Ber CA		Jun-08	May-10	Yes	
MQ-1 SATCOM	8		658th AESS/PK WPAFB OH		SS	FFP	MQ-1 SATCOM Comm, Salt Lake		May-08	May-09	Yes	
FY 2009												
RQ-1/MQ-1/General Atomics ASI	38		658th AESS/PK WPAFB OH		SS	FFP	RQ-1/MQ-1/Gen Atomics ASI, Ra Bernardo, CA		Feb-09	Sep-10	Yes	
GCS/General Atomics ASI	14		658th AESS/PK WPAFB OH		SS	FFP	GCS/General Ato ASI, Rancho Ber CA		Jun-09	Feb-12	Yes	
MQ-1 SATCOM	5		658th AESS/PK WPAFB OH		SS	FFP	MQ-1 SATCOM Comm, Salt Lake		May-09	May-10	Yes	
FY 2010												
RQ-1/MQ-1/General Atomics ASI	42		658th AESS/PK WPAFB OH		SS	FFP	RQ-1/MQ-1/Gen Atomics ASI, Ra Bernardo, CA		Feb-10	Aug-11	Yes	
GCS/General Atomics ASI	3		658th AESS/PK WPAFB OH		SS	FFP	GCS/General Ato ASI, Rancho Ber CA		Jun-10	Jan-14	Yes	
MQ-1 SATCOM	1		658th AESS/PK WPAFB OH		SS	FFP	MQ-1 SATCOM Comm, Salt Lake		May-10	May-11	Yes	
FY 2011												
RQ-1/MQ-1/General Atomics ASI	26		658th AESS/PK WPAFB OH		SS	FFP	RQ-1/MQ-1/Gen Atomics ASI, Ra Bernardo, CA		Feb-11	Aug-12	Yes	
FY 2012												

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Procurement History and Planning Exhibit P-5A, page 6 of 30

Exhibit P-5A, Procurement H	listory an	d Plannin	g						Dat	te: February	y 2008	
Appropriation (Treasury) Code/CC/E	BA/BSA/Iter	n Control Nu	mber					P-1 Line It	em Nomenclati	ıre		
Aircraft Procurement, A	Air Forc	e, Budge	et Activity	04, Other	Aircraft	, Item No.	22	PRED/	ATOR UAV	/		
Weapon System					Subline Ite	m						
PRED												
WBS Cost Elements	Qty	Unit Cost	Location of PCO	RFP Issue	Contract Method	Contract Type	Contractor and	Location	Award Date	Date of First Delivery	Specs Available Now?	Date Revision Available?
RQ-1/MQ-1/General Atomics ASI	24		658th AESS/PK WPAFB OH		SS	FFP	RQ-1/MQ-1/Ge Atomics ASI, R Bernardo, CA	neral	Feb-12	Mar-13	Yes	17/4114010
FY 2013	I											
RQ-1/MQ-1/General Atomics ASI	18		658th AESS/PK WPAFB OH		SS	FFP	RQ-1/MQ-1/Ge Atomics ASI, R Bernardo, CA		Feb-13	Apr-14	Yes	
<u>Remarks</u>	ı				I		Demardo, CA			l		<u> </u>

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Procurement History and Planning Exhibit P-5A, page 7 of 30

Exhibit P-21, Production	on Sched	lule																			D	ate:	Febr	uary	2008	3			
Appropriation (Treasury) Cod	de/CC/BA/I	BSA/Item (Control No	umber													Р	-1 Lin	e Iten	n Nom	nencla	ature							
Aircraft Procureme	ent, Air	Force	, Budg	et Acti	ivity	04,	Oth	her A	Airc	raft	, Ite	m N	lo. 2	22			P	PRE	DAT	ΓOR	UA	V							
PROCUREMENT YEAR	S E R	PROC. QTY	ACCEP. PRIOR TO 1 OCT	BALANCE DUE AS OF 1 OCT	O C	2001 N O	D	J	FIS F E	M	EAR 2		ENDAR J	YEAR J	2002 A	S	0 C	N O	D E	J	FIS F E	CAL Y		OO3 OAR YI	EAR 20	03 J	A	S	A T
	V		2001	2001	T	V	C	N N	B	R	R	Y	N	L	G	P P	T	V	C	N N	B	R	R	Y	N	L	G	P P	R
2004	USAF	7	0	7																									ㄴ
2005	USAF	1	0	1				<u> </u>																					
2007	USAF	2	0	2	-		-																						!
2008	USAF USAF	8	0	8	-			<u> </u>																					
2009	USAF	3	0	3	+			1																			1		-
2010	USAF	0	0	0				<u> </u>																					-
2012	USAF	0	0	0	+																								
TOTAL	10000	24	. 0	24	1																								2
		•	•	•	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A V	J U	J	A U G	S E	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A	J U N	J U	A U G	S E	
				PRODUC1	ION R	ATES	U	- 11		- 1	11		PRO	CURE	_	I FAD	TIME		U				- 11				Ü		
				MIN SUST	SHIF	T	M A							ADI LEAD	MIN			MFG			TOTAL								
ITEM/MANUFACTURER'S NAME		LOCATION	١		DAYS	3	Χ]										TIME			AFTER								
PPSL/L-3 Comm		Rancho Ber	nardo, CA	0	1-8-5		18						PR 1 C		AFT 1 C			1 IIVIL			1 OCT	-							
								INITIA	\L					6		6			14			20							
	•							REOR	RDER					1		1			14			15							
REMARKS		•	•	•		•																					•		

P-1 Shopping List Item No. 22

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Exhibit P-21, Production	on Sched	lule																			D	ate:	Febr	uary	2008	3			
Appropriation (Treasury) Cod	de/CC/BA/I	BSA/Item (Control No	umber													Р	-1 Lin	e Iten	n Nom	nencla	ature							
Aircraft Procureme	ent, Air	Force	, Budg	et Acti	ivity	04,	Oth	her A	Airc	raft	, Ite	m N	lo. 2	22			P	PRE	DAT	ΓOR	UA	V							
PROCUREMENT YEAR	S E R	PROC. QTY	ACCEP. PRIOR TO 1 OCT	BALANCE DUE AS OF 1 OCT	O C	2003 N O	D E	J A	FIS F E	M A	A P		ENDAR J U	YEAR J U	2004 A U	S E	0 C	N O	D E	J A	FIS F E	CAL Y		OOS DAR YI M A	EAR 20	05 J U	A U	S E	L A T E
2004	USAF	1	2003	2003	Т	V	С	N	В	R	R	Y	N	L	G	P	T	V	C	N	В	R	R	Y	N	L	G	P	R
2004	USAF	1	0	1	+											1	1	1	1	1	1	1							\vdash
2007	USAF	6	0	6	1																								+
2008	USAF	8	0	8	1			<u> </u>																			l		t -
2009	USAF	5	0	5																									†
2010	USAF	1	0	1																									†
2011	USAF	0	0	0																									
2012	USAF	0	0	0																									
TOTAL		28	0	28				<u> </u>								1	1	1	1	1	1	1				<u> </u>	<u> </u>		2
					O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	U G	S E P	
				PRODUC1	ION R	ATES							PRO	CURE	MENT I	LEAD 1	TIME												
				MIN SUST	SHIF	RS	M A							ADI LEAD				MFG			TOTAL								
ITEM/MANUFACTURER'S NAME		LOCATION			DAYS	3	Χ											TIME			AFTEF								
PPSL/L-3 Comm		Rancho Ber	nardo, CA	0	1-8-5		18						PR 1 C		AFT 1 O						1 OCT								
								INITIA	۱L					6		6			14			20							
								REOR	RDER					1		1			14			15							
REMARKS	•		•																										

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Appropriation (Treasury) Code/CC/B/Aircraft Procurement, A PROCUREMENT YEAR S E R V		, Budg				Oth	ner /	Aircı	raft.	lto						P-	1 Line	e Item	Nome	encla	ture						
S	PROC.	ACCEP. PRIOR TO	BALANCE DUE			Oth	ner /	Aircı	raft.	Ito																	
PROCUREMENT YEAR E R V		PRIOR TO	DUE	-						, ite	m N	o. 2	2			Р	RED	DAT	OR	UA	V						
		2005	1 OCT 2005	O C	2005 N O V	D E	J A	FISC F E B	M A	A P R		NDAR J U N	YEAR	2006 A U G	S E P	O C T	N O V	D E C	J A N	FISO F E B	CAL Y CA M A R		OO7 OAR YE M A	J U N)7 J U	A U G	S E P
2004 USAF	7	7	2003)	<u> </u>		11	-	K	K	1	11	L	0	-	•		-	-11	ъ	K	K	1	11	L	0	-
2005 USAF	1	0	1															1									
2007 USAF	6	0) 6	5																							
2008 USAF	8	0	8	3																							
2009 USAF	5	0	5	5																							
2010 USAF	1	0	1																								
2011 USAF	0	0	0)																							
2012 USAF	0	0	0)											i												
TOTAL	28	7	21	1														1									
				O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	ZOZ	JUL	A U G	S E P
			PRODUCT	TION R	ATES							PROC	CUREN	1ENT L	EAD T	IME											
ITEM/MAANIJEA OTJ IDEDIG NAME	LOCATIO		MIN SUST	SHIF	RS	M A							ADM LEAD				MFG			OTAL FTER							
ITEM/MANUFACTURER'S NAME PPSL/L-3 Comm	Rancho Ber		0	DAYS) 1-8-5)	18						PRI0		AFTI 1 O			TIME			OCT							
							INITIA REOR						6		6			14 14			20 15						
REMARKS			1												•						10						

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Exhibit P-21, Production	on Sched	lule																			D	ate: I	Febr	uary	2008	3			
Appropriation (Treasury) Cod	de/CC/BA/l	BSA/Item (Control No	umber													Р	-1 Lin	e Iten	n Nom	encla	ature							
Aircraft Procureme	ent, Air	Force	, Budg	et Acti	ivity	04,	Oth	ner A	Airc	raft	, Ite	m N	lo. 2	22			P	RE	DAT	ΓOR	UA	V							
PROCUREMENT YEAR	S E R	PROC. OTY	PRIOR TO	BALANCE DUE AS OF	О	2007 N	D	J	F	M M	EAR 2		ENDAR J	YEAR	2008 A	S	0	N	D	J	F	C M			EAR 20	09 J	A	S	L A T
	V	,	1 OCT 2007	1 OCT 2007	C T	O V	E C	A N	E B	A R	P R	A Y	U N	U L	U G	E P	C T	O V	E C	A N	E B	A R	P R	A Y	U N	U L	G G	E P	E R
2004	USAF	7	7	0																									
2005	USAF	1	1	0																									
2007	USAF	6	0	6												1	1	1	1	1	1								
2008	USAF	8	0	8																			2	2	2	2			<u> </u>
2009	USAF	5	0	5																									<u> </u>
2010	USAF	1	0	1																									<u> </u>
2011	USAF	0	0	0																					-				₩'
TOTAL 2012	USAF	28	0	0 20		1										1	1	1	1	1	1		2	2	2	2			₩
TOTAL		20	0	20	О	N	D		F	M	A	М			Δ	S	0	NI I	D	1	F 1	М	Δ	M	1	1	Δ	S	₩
					C	0	E	A	E B	A	P	A	Ü	Ü	U G	E	C	0	E	A	E B	A	P	A	Ü	Ü	U	E	
				PRODUC1	ION R	ATES	C	IN		IX.	11		PRO	CURE	MENT I	FAD	TIME	V	C	IN		I IX	- 1		14		0	'	Ь—
				MIN	SHIF		М						1	ADI			1												
				SUST	HOU	RS	Α							LEAD				MFG			TOTAL								
ITEM/MANUFACTURER'S NAME		LOCATION	1		DAYS	3	Х	_										TIME			AFTEF								
PPSL/L-3 Comm		Rancho Ber	nardo, CA	0	1-8-5		18						PR 1 C		AFT 1 O			11101			1 OCT	•							
								INITIA	١L					6		6			14			20]						
								REOR	RDER					1		1			14			15							
REMARKS																													

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Appropriation (Treasury) Code/C																					D			-					
	,C/DA/D	SA/Item C	Control Nu	ımber													P.	-1 Lin	e Item	Nom	encla	ature							
Aircraft Procurement					vity	04,	Oth	ner A	۱irc	raft,	, Ite	m N	lo. 2	22			P	REI	TAC	OR	UA	V							
PROCUREMENT YEAR	S E R V	PROC. QTY	ACCEP. PRIOR TO 1 OCT 2009	BALANCE DUE AS OF 1 OCT 2009	O C	2009 N O V	D E	J A	FISO F E B	M A	A P R		ENDAR J U N	YEAR J U	2010 A U G	S E	O C T	N O V	D E C	J A N	FIS F E B	CAL Y C. M A R		O11 OAR YE M A	J U N	J U	A U G	S E	L A T E
2004 US	SAF	7	7	2007		•		11	В	K	IX		11	L	0	1	1	,	-	11		K	K	1	- 11	L	0	-	
	SAF	1	1	0																									
	SAF	6	6	0																									
	SAF	8	8	0																									
	SAF	5	0	5								2	2	1															Г
	SAF	1	0	1																				1					İ
2011 US	SAF	0	0	0																									
2012 US	SAF	0	0	0						T i																			
TOTAL		28	22	6						1		2	2	1										1					
					O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	N N	J J	A U G	S E P	0 C T	N O >	D E C	J A N	F E B	M A R	A P R	M A Y	N N	J L	A U G	S E P	
				PRODUCT									PRO		MENT I	LEAD 1	ГІМЕ												
ITEM/MANUFACTURER'S NAME		LOCATION	ı	MIN SUST	SHIFT HOUF DAYS	RS	M A X							LEAD				MFG			TOTAL AFTER								
PPSL/L-3 Comm		Rancho Bern		0	1-8-5	•	18						PRI 1 O	_	AFT 1 O			TIME			1 OCT								
								INITIAI						6 1		6 1			14 14			20 15	4						
REMARKS					•				-																				

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Ex	hibit P-21, Production	on Sched	dule																			D	ate:	Febr	uary	2008	3			
	propriation (Treasury) Cod																	Р	P-1 Lin	e Iten	n Non	nencla	ature							
Αi	rcraft Procureme	ent, Air	Force	, Budg	jet Act	ivity	/ 04	, Otl	her .	Airc	raft	, Ite	m M	No.	22			F	PRE	DAT	ΓOR	UA	V							
		S		ACCEP.	BALANCE	:				FIS	SCAL Y	EAR 2	.002									FIS	SCAL Y	YEAR 2	.003			-		L
			PROC.	PRIOR	DUE		2001						CAL	ENDAF	R YEAR	R 2002							C	ALENI	OAR YI	EAR 20	03			Α
	PROCUREMENT YEAR	D	OTY	TO	AS OF	О	N	D	J	F	M	A	M	J	J	A	S	О	N	D	J	F	M	A	M	J	J	A	S	T
		N V	Q11	1 OCT	1 OCT	C	О	E	A	E	Α	P	A	U	U	U	E	C	О	E	A	E	A	P	A	U	U	U	E	E
		v		2001	2001	T	V	C	N	В	R	R	Y	N	L	G	P	T	V	C	N	В	R	R	Y	N	L	G	P	R
	2002	USAF	23	C	23	3															3									20
	2003	USAF	22	(22	2																						1		22
	2004	USAF	10	C	10)																						1		10
	2005	USAF	22	C	22	2																								22
	2006	USAF	24	C) 24	ı																						1		24
	2007	USAF	24	C	24																									24
	2008	USAF	48	() 48	3																						1		48
	2009	USAF	38	C	38	3																								38
	2010	USAF	42	C) 42	2			1																			1		41
	2011	USAF	26	C) 26	_																						1		26
	2012	USAF	24) 24																							1		24
	2013	USAF	18	C	18	_																						1		18
TOT			321		321				1												3							1		317
						0	N	D	J	F	М	A	М	J	J	Α	S	О	N	D	J	F	М	A	М	J	J	A	S	
						С	0	ΙE	Α	E	Α	Р	Α	Ü	Ü	U	E	С	0	Е	Α	Е	Α	Р	Α	Ü	Ü	U	E	İ
						T	V	С	N	В	R	R	Υ	N	L	G	Р	ΙT	V	С	N	В	R	R	Υ	N	Ĺ	G	Р	İ
					PRODUCT	TION R	RATES						1 -	PRC	CURE	MENT	LEAD	TIME	1								. –			
					MIN	SHIF	Т	М							AD	MIN														
					SUST	HOU	RS	Α							LEAD	TIME						TOTAL	_							
ITE	M/MANUFACTURER'S NAME		LOCATION	1		DAY	S	Х											MFG			AFTER	₹							
	1/MQ-1/General Atomics ASI		Rancho Berr		7	1-8-5		48						PR	IOR	AF	TER	1	TIME			1 OCT								
È					i '	1		 	1						CT		OCT													
									INITI/	۸L					6	1	6			14			20)						
									REOF	RDER					1	1	1	1		14			15	5						
55.	AA DICC		•		•	•		•	•					•		•		•						•						

REMARKS

Gap in FY02 purchase deliveries from Jan 03 to Oct 03 during transition from Block 5 to Block 10 aircraft.

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Appropriation (Treasury) Code/																						ate: F	00.0		_000			
		SA/Item C	Control Nu	mber													P-	1 Line	e Item	Nom	encla	ture						
Aircraft Procuremen					vity	04,	Oth	er A	Airc	raft	, Ite	m N	lo. 2	22			Р	REI	DAT	OR	UA	V						
	S		ACCEP.	BALANCE					FISC	CAL Y	EAR 20	004									FIS	CAL Y	EAR 2	005				I
	E	PROC.	PRIOR	DUE		2003						CALE	ENDAR	YEAR	2004							CA	ALEND	AR YE	AR 200)5		
PROCUREMENT YEAR	E D	OTY	TO	AS OF	О	N	D	J	F	M	A	M	J	J	A	S	О	N	D	J	F	M	A	M	J	J	A	S
	K.	QII	1 OCT	1 OCT	C	О	E	A	E	Α	P	A	U	U	U	E	C	O	E	Α	E	Α	P	Α	U	U	U	E E
	V		2003	2003	T	V	C	N	В	R	R	Y	N	L	G	P	T	V	C	N	В	R	R	Y	N	L	G	P J
2002 U	USAF	23	3	20	1	4	6		5				1	2	1													
2003 U	USAF	22	0	22											1	2	1	1	2		3	1	4		1	3	3	
	USAF	10	0	10																								2
2005 U	USAF	22	0	22																								
2006 U	USAF	24	0	24																								
2007 U	USAF	48	0	48																								
2008 U	USAF	24	0	24				1																				
2009 U	USAF	38	0	38				Ī																				
2010 U	USAF	42	0	42				1																				
2011 U	USAF	26	0	26				Ī																				
2012 U	USAF	24	0	24				1																				
2013 U	USAF	18	0	18				Ī																				
OTAL		321	3	318	1	4	6	1	5				1	2	2	2	1	1	2		3	1	4		1	3	3	2 2
		•	•	•	0	N	D	J	F	M	Α	М	J	J	Α	S	0	N	D	J	F	M	A	M	J	J	A	S
					С	0	E	Α	Е	Α	Р	Α	U	U	U	Е	С	0	Е	Α	Е	Α	Р	Α	U	U	U	E
					Т	V	С	N	В	R	R	Υ	N	L	G	Р	Т	V	С	N	В	R	R	Υ	N	L	G	Р
				PRODUCT	ION RA	ATES							PRO	CUREN	IENT L	EAD T	IME											
				MIN	SHIFT	-	М							ADN	ΛIN													
				SUST	HOUF	RS	Α							LEAD	TIME			MFG		7	TOTAL							
TEM/MANUFACTURER'S NAME		LOCATION	1		DAYS		Х											TIME		-	AFTER	:						
Q-1/MQ-1/General Atomics ASI		Rancho Berr	nardo, CA	7	1-8-5		48						PRI	OR	AFT	ER		IIIVIE			1 OCT							
													10	CT	1 0	CT												
							l	INITIAI	L					6		6			14			20						
							T I	REOR	DER					1		1			14			15						
REMARKS		-		-	_							1		•					1			1						

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Exhibit P-21, Production	n Sched	lule																			D	ate: l	Febru	uary 2	2008				
Appropriation (Treasury) Code	e/CC/BA/E	BSA/Item (Control Nu	ımber													P.	-1 Lin	e Iten	n Nom	nencla	ature							
Aircraft Procureme					vity	04,	Oth	ner A	\irc	raft	, Ite	m N	lo. 2	22			Р	RE	DAT	ΓOR	UA	V							
PROCUREMENT YEAR	S E R V	PROC. QTY	ACCEP. PRIOR TO 1 OCT 2005	BALANCE DUE AS OF 1 OCT 2005	O C T	2005 N O V	D E C	J A N	FISO F E B	M A R	A P R		ENDAR J U N	YEAR J U L	2006 A U G	S E P	O C T	N O V	D E C	J A N	FIS F E B		EAR 20 ALEND A P R	OO7 OAR YE M A Y	J U N)7 J U L	A U G	S E P	L A T E R
2004	USAF	10		8	1	2	2	2	1																				Ь
2005	USAF	22	0	22					1	2	2	2	2	2	2	1	2	1	2	1	2								
2006	USAF	24	0	24																				2	2	3	3	2	1
2007	USAF	48	0	48																									4
2008	USAF	24	0	24																									2
2009	USAF	38	0	38																									3
2010	USAF	42	0	42																									4
2011	USAF	26	0	26		ļ																							20
2012	USAF	24	0	24		ļ																							2
2013	USAF	18 276	0	18		2	2	2	2	2		2	2	2	2	1	2	1	2	1	2			2	2	2	2	2	232
TOTAL		276		274		L Z				2		2				1		N.I		1			^	2		3	3	2	23.
					O C T	N O V	D E C	A N	F E B	A R	P R	A Y	J U N	U L	U G	S E P	O C T	0 V	D E C	A N	E B	M A R	A P R	M A Y	J U N	J U L	U G	S E P	
				PRODUCT	_								PRO		ΛΕΝΤ L	EAD 1	TIME												
				MIN SUST	SHIF	RS	M A							ADI LEAD				MFG			TOTAL								
ITEM/MANUFACTURER'S NAME		LOCATION			DAYS	<u> </u>	X							00	A = =		1	TIME			AFTER								
RQ-1/MQ-1/General Atomics ASI		Rancho Berr	nardo, CA	7	1-8-5		48						PRI 1 C		AFT 1 O						1 OCT								
								INITIA						6		6			14			20							
								REOR	DER					1		1			14			15							
REMARKS	-		-																										

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Exhibit P-21, Production	ppropriation (Treasury) Code/CC/BA/BSA/Item Control Number													Date: February 2008 P-1 Line Item Nomenclature															
Appropriation (Treasury) Cod																													
Aircraft Procureme	ircraft Procurement, Air Force, Budget Activity 04, Other Aircraft, Item No. 22														PREDATOR UAV														
PROCUREMENT YEAR	S E R V	PROC. QTY	ACCEP. PRIOR TO 1 OCT 2007	BALANCE DUE AS OF 1 OCT 2007	FISCAL YEAR 2008 2007 CALENDAR YEAR 2008													FIS			EAR 2009 LENDAR YEAR 2009					L A			
					O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	T E R
2006	USAF	24	12	12	1	2	2	2	2	2	1																		
2007	USAF	48	0	48								2	1	2	2	2	4	4	4	4	4	4	4	4	4	3			
2008	USAF	24	0	24																						1	4	4	1
2009	USAF	38	0	38																									3
2010	USAF	42	0	42																									4
2011	USAF	26	0	26																									2
2012	USAF	24	0	24																									2
2013	USAF	18	0	18																									1
TOTAL		244	12	232		2	2	2	2	2	1	2	1	2	2	2	4	4	4	4	4	4	4	4	4	4	4	4	16
					O C T	N O V	D E C	A N	E B	M A R	A P R	A Y	N N) J	U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	P R	M A Y	N N	n n	U G	S E P	
			PRODUCT	ION R	ION RATES			PROCUREMENT LEAD TIME								TIME						<u> </u>				Ŭ		<u> </u>	
			MIN SUST	SHIFT M		M A							ADMIN LEAD TIME				MFG			TOTAL									
ITEM/MANUFACTURER'S NAME	ΓΕΜ/MANUFACTURER'S NAME		LOCATION		DAYS X		Х											TIME		AFTER									
Q-1/MQ-1/General Atomics ASI		Rancho Bernardo, CA		7	1-8-5		48]					PRIOR AFTER 1 OCT 1 OCT				TIIVIE			1 OCT									
								INITIA						6		6			14			20							
							REOR	DER					1		1			14			15								
REMARKS																													

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Exhibit P-21, Production	n Sched	ule																			D	ate: l	Febru	uary :	2008				
Appropriation (Treasury) Code	e/CC/BA/E	SSA/Item C	Control Nu	ımber													P-	1 Lin	e Iten	n Nom	nencla	ature							
Aircraft Procureme	nt, Air	Force,	Budg	et Acti	ivity	04,	Oth	ner A	Airc	raft	, Ite	em N	lo.	22			Р	RE	DAT	OR	UA	V							
	S	PROC.	ACCEP. PRIOR	BALANCE DUE		2009			FIS	CAL Y	EAR 2		ENDAF	R YEAR	2010						FIS		EAR 2	011 OAR YE	EAR 20	11			L A
PROCUREMENT YEAR	R V	QTY	TO 1 OCT 2009	AS OF 1 OCT 2009	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	T E R
2007	USAF	48	48	0																									0
2008	USAF	24	9	15	3	3	3	2	2	2																			0
2009	USAF	38	0	38													2	4	4	4	4	4	4	4	4	4			0
2010	USAF	42	0	42																				ļ			4	3	35
2011	USAF	26	0	26										1										ļ					26
2012	USAF USAF	24 18	0	24										1										1					24
TOTAL	USAF	220	57			3	3	2	2	2		1		1			2	1	1	4	1	1	4	1	4	4	4	3	103
TOTAL		220	31	103	0	NI S	D	- 4		N/		N.4		 	۸	0	0	N	D 4	1	- 4	M	Α 4	M	1	1	A	S	103
					C	0 V	E	A N	E B	A R	P	A	U	Ü	Ü	E	C	0	E	A	E B	A	P	A	U	Ü	U G	S E P	
		1		PRODUCT	TION R	ATES	Ü			11	11		PRC	CURE	MENT	LEAD 7	IME	٧	U	11		11	- 1				Ü	'	
				MIN SUST	SHIF	Т	M A								MIN					-	TOTAL	_							
ITEM/MANUFACTURER'S NAME		LOCATION			DAYS	3	Х											MFG TIME			AFTER								
RQ-1/MQ-1/General Atomics ASI		Rancho Berr	ardo, CA	7	1-8-5		48							OCT	AFT 1 C			IIIVIE			1 OCT	•							
								INITIA REOR						6		6			14 14			20 15							
REMARKS																													

P-1 Shopping List Item No. 22

Production Schedule Exhibit P-21, page 17 of 30

Exhibit P-21, Production	n Sched	ule																			D	ate: F	-ebru	uary 2	2008				
Appropriation (Treasury) Code	e/CC/BA/E	3SA/Item C	Control Nu	ımber													P-	1 Lin	e Item	n Nom	nencla	ature							
Aircraft Procureme	nt, Air	Force,	Budg	et Acti	ivity	04,	Oth	ner 🏄	Airc	raft	, Ite	m N	lo.	22			Р	REI	DAT	OR	UA	V							
	S	PROC.	ACCEP. PRIOR	BALANCE DUE		2011			FISC	CAL Y	EAR 20		ENDAI	R YEAR	2012						FIS	SCAL Y C			EAR 201	3			L A
PROCUREMENT YEAR	R V	QTY	TO 1 OCT 2011	AS OF 1 OCT 2011	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	T E R
2008	USAF	24	24	0																									0
2009	USAF	38	38	0																									0
2010	USAF	42	7	35	4	3	4	3	4	3	4	3	4	3															0
2011	USAF	26	0	26											3	3	3	3	3	3	3	3	2						0
2012	USAF	24	0	24																				2	2	2	2	2	14
2013	USAF	18	0	18																									18
TOTAL		172	69	103	4	3	4	3	4	3	4	3	4	3	3	3	3	3	3	3	3	3	2	2	2	2	2	2	32
					O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J J	A U G	S E P	
				PRODUCT	ION R	ATES							PRC	CURE	MENT	LEAD T	IME												
UTEN/MANUEA OTUBEDIO MANE		LOCATION		MIN SUST	SHIFT	RS	M A							AD LEAD	MIN TIME			MFG			TOTAL								
ITEM/MANUFACTURER'S NAME RQ-1/MQ-1/General Atomics ASI		LOCATION Rancho Berr		7	DAYS 1-8-5)	X 48						DD	IOR	AFT	FD		TIME			AFTER								
RQ-1/MQ-1/General Atolines AS1		Kancilo Bell	iaiuo, CA	<u>'</u>	1-0-3		40							DCT	1 C						1 001								
								INITIA	L					6		6			14			20	1						
								REOR	DER					1		1			14			15							
REMARKS																													

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Exhibit P-21, Production Schedule																	Da	ate: F	-ebru	uary 2	2008				
Appropriation (Treasury) Code/CC/BA/BSA/I	Item Control Nun	mber											P-	1 Line	e Item	Nome	encla	ture							
Aircraft Procurement, Air Fo	rce, Budge	et Activ	/ity 04,	Oth	ner Ai	rcraft	, Ite	m N	lo. 2	22			Р	REI	TAC	OR	UA	V							
S DDG	ACCEP. I PRIOR	BALANCE DUE	2001			FISCAL Y	EAR 20		NDAR	YEAR 2	2002						FIS	CAL Y CA		003 OAR YE	AR 200	03			L A
DDOCHDEMENT VEXD	TO 1 OCT 2001	AS OF 1 OCT 2001	O N C O T V	D E C	J F A E N F		A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	T E R
2004 USAF	7 0	7																							7
2005 USAF 2006 USAF	7 0 12 0	7 12	+ +																				-		7 12
2007 USAF	29 0	29																							29
2008 USAF	24 0	24																							24
2009 USAF	14 0	14																					<u> </u>		14
TOTAL	93 0	93											_									<u> </u>			93
			O N C O T V	D E C	J F A E N E	M A B R	A P R	M A Y	J U N	D D	A U G	S E P	O C T	N O V	E C	J A N	F E B	M A R	A P R	M A Y	J U N	U L	U G	S E P	
	F	PRODUCTION	ON RATES						PROC	CUREM	ENT L	EAD T	IME												
	5	SUST	SHIFT HOURS	A						ADM LEAD T				MFG			OTAL								
	CATION		DAYS	Χ										TIME			FTER								
GCS/General Atomics ASI Ranch	cho Bernardo, CA	0 1	1-8-5	12					PRI0	_	AFTE 1 OC					1	OCT								
					INITIAL					6		6			14			20							
REMARKS					REORDE	R				1		1			14			15							
KEIVIAKKO																									

Quantity for Ground Systems includes mobile and fixed GCSs and other ground systems to include launch and recovery elements.

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Exhibit P-21, Production	ı Sched	lule																			D	ate: I	=ebru	uary 2	2008				
Appropriation (Treasury) Code	/CC/BA/F	BSA/Item (Control No	umber													Р	-1 Lin	e Iten	n Nom	encla	ature							
Aircraft Procureme	nt, Air	Force,	, Budg	et Acti	vity	04,	Otl	her .	Airc	raft	, Ite	m N	lo. 2	22			F	RE	DAT	OR	UA	V							
PROCUREMENT YEAR	S E R V	PROC. QTY	ACCEP. PRIOR TO 1 OCT 2003	BALANCE DUE AS OF 1 OCT 2003	O C T	2003 N O V	D E C	J A N	FIS F E B	M A R	A P R		ENDAR J U N	YEAR J U L	2004 A U G	S E P	O C T	N O V	D E C	J A N	FIS F E B	CAL Y CAL Y CAL Y A A R			EAR 200 J U N)5 U L	A U G	S E P	L A T E R
	USAF USAF	7	0	7																							1	1	5
2006	USAF	12		12																									12
	USAF USAF	29 24		29 24																				H	$\vdash \vdash$		$\vdash \vdash$		29 24
	USAF USAF	14	0	14																									14
2011	USAF USAF	0	·	0 0																									0
TOTAL	USAF	96		96																				\vdash		\Box	1	1	94
					O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	N N	J U	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	JUL	A U G	S E P	
				PRODUCT MIN SUST	SHIF HOUF	Γ	M A						PRO	CURE! ADI LEAD	MIN	LEAD	TIME				TOTAL								
ITEM/MANUFACTURER'S NAME		LOCATION		3031	DAYS		Х											MFG TIME		A	AFTER	₹							
GCS/General Atomics ASI		Rancho Berr	nardo, CA	0	1-8-5		12							IOR OCT	AF1 1 C					•	1 OCT								
								INITIA REOF						6		6			14 14			20 15							
REMARKS		•					•										•			1									

Quantity for Ground Systems includes mobile and fixed GCSs and other ground systems to include launch and recovery elements.

P-1 Shopping List Item No. 22

Production Schedule Exhibit P-21, page 20 of 30

Exhibit P-21, Production	Sched	lule																			D	ate: I	-ebru	uary :	2008				
Appropriation (Treasury) Code	/CC/BA/E	BSA/Item (Control No	umber													Р	-1 Lin	e Iten	n Nom	nencla	ature							
Aircraft Procuremer	nt, Air	Force,	, Budg	jet Acti	vity	04 ,	, Otl	her .	Airc	raft	, Ite	m l	No.	22			F	RE	DAT	ΓOR	UA	V							
PROCUREMENT YEAR	S E	PROC.	ACCEP. PRIOR TO	BALANCE DUE AS OF	0	2005	D	ī	FIS	SCAL Y	EAR 2		ENDAI	R YEAR	2006	l c		N	D	ī	FIS	CAL Y			EAR 200)7		C	L A
	R V	QTY	1 OCT 2005	1 OCT 2005	C T	O V	E C	A N	E B	A R	P R	A Y	U N	U L	U G	E P	C T	O V	E C	A N	E B	A R	P R	A Y	U N	U L	U G	E P	E R
	USAF	7	2	5		1	1	1	1		1																		0
	USAF	7	0	7									-											<u> </u>			<u> </u>	<u> </u>	7
	USAF USAF	12 29		12 29				<u> </u>					-											—	ऻ	<u> </u>	 '	1	11 29
	USAF	29		29										+										 	\vdash	 		\vdash	24
	USAF	14	0	14																				\vdash			\vdash		14
	USAF	3	C) 3																									3
	USAF	0	C	0																									0
	USAF	0		0				<u> </u>																	<u> </u>		<u> </u>		0
TOTAL		96	2	94		1	1	1	1		1													<u> </u>	<u></u>	<u> </u>		1	88
					C T	N O V	E C	A N	F E B	M A R	A P R	A Y	U U	U L	U G	S E P	C T	N O V	E C	J A N	F E B	M A R	A P R	M A Y	N N	J U L	U G	S E P	
				PRODUCT	ION R	ATES			•		•	•	PRC	CURE	MENT	LEAD :	TIME	•	•			•							
ITEM/MANUFACTURER'S NAME		LOCATION	J	MIN SUST	SHIF HOUI DAYS	RS	M A X								MIN TIME			MFG			TOTAL AFTER								
GCS/General Atomics ASI		Rancho Berr		0	1-8-5		12							OCT	AF 1 C			TIME			1 OCT	· 							
							<u> </u>	INITIA REOF					1	6	!	6			14			20 15							Ų
REMARKS							I	KEOR	DLK				-	1		1			14	l		13							

Quantity for Ground Systems includes mobile and fixed GCSs and other ground systems to include launch and recovery elements.

P-1 Shopping List Item No. 22

Production Schedule Exhibit P-21, page 21 of 30

Exh	nibit P-21, Productio	n Sche	dule																			D	ate: I	Febru	uary :	2008	3			
Appı	ropriation (Treasury) Cod	le/CC/BA/	BSA/Item (Control N	umber													Р	-1 Lin	e Iten	n Non	nencla	ature							
Air	craft Procureme	ent, Aiı	r Force	, Budg	jet Acti	ivity	/ 04 ,	Oth	her	Airc	raft	, Ite	m N	lo.	22			P	REI	DAT	ΓOR	UA	V							
	PROCUREMENT YEAR	S E R	PROC. QTY	ACCEP. PRIOR TO 1 OCT	BALANCE DUE AS OF 1 OCT	0	2007 N	D	J A	FIS F F	CAL Y	EAR 2		ENDAF J	R YEAR J U	R 2008 A U	S E	0 C	N O	D E	J	FIS F E		EAR 20 ALEND A		EAR 20	09 J	A	S	L A T
		V		2007	2007	T	v	C	N	В	R	R	Y	N	L	Ğ	P	T	v	C	N	В	R	R	Y	N	Ĺ	Ğ	P	R
	2004 2005	USAF USAF	7	7	7 0	-										1		2			1		1				1	+-	\vdash	0
	2006 2007	USAF USAF	12	() 12							1	1	1	1	1	1			1		1		1	2	1			1	15
	2008	USAF	29	() 29																			2		3			3	24
	2009 2010	USAF USAF	14	() 14																							 		14
	2011	USAF	0	(0																									0
TOTA	2012 AL	USAF	96	7	0 89							1	1	1	1	2	1	2		1	1	1	1	3	2	4	3	2	4	58
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	
					PRODUCT									PRC		MENT	LEAD	TIME												
ITEM	/MANUFACTURER'S NAME		LOCATION	ı	MIN SUST	SHIF HOU DAYS	RS	M A X								MIN TIME			MFG			TOTAL AFTER								
	General Atomics ASI		Rancho Ber		0	1-8-5		12							IOR OCT	AFT 1 C	TER OCT		TIME			1 OCT								
									INITI/						6		6			14 14			20							
REM	ARKS				ı			<u> </u>	INLOI	(DLI)				I	1		1	l		14	l		13	l						

Quantity for Ground Systems includes mobile and fixed GCSs and other ground systems to include launch and recovery elements.

P-1 Shopping List Item No. 22

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Exhibit P-21, Production	Sched	lule																			D	ate: I	Febru	uary	2008				
Appropriation (Treasury) Code	/CC/BA/I	BSA/Item (Control No	umber													Р	-1 Lin	e Iten	n Nom	nencla	ature							
Aircraft Procureme	nt, Air	Force	, Budg	jet Acti	vity	04,	Oth	ner .	Airc	raft	, Ite	m N	lo. 2	22			P	RE	DAT	OR	UA	V							
	S	PROC.	ACCEP. PRIOR	BALANCE DUE		2009			FIS	SCAL Y	EAR 2		ENDAF	R YEAR	2010						FIS	SCAL Y C	EAR 20 ALEND		EAR 20	11			L A
PROCUREMENT YEAR	R V	QTY	TO 1 OCT 2009	AS OF 1 OCT 2009	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	T E R
	USAF	7	7	0																									0
	USAF	7	6	5 1			1																					·	0
	USAF	12	11	1	L.,	<u> </u>	<u> </u>		1																		igsquare		0
	USAF	29	14	15		2	3	2	3	3																	\Box		10
	USAF USAF	24		24	.		ļ					1	1	ļ								1	2	1	- 2	1	2		12
	USAF	14) 14	-	1											1				-	1	1				\vdash		14
	USAF	0		0																							$\vdash \vdash$		0
	USAF	0		0																							$\vdash \vdash$		0
TOTAL	00111	96	38	58	2	2	4	2	4	3		1	1	1								1	2	1	2	1	2	1	29
			•		0 C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	N N	J J	A U G	S E P	O C T	Z O Z	D E C	J A N	F E B	M A R	A P R	M A Y	N N	J L	A U G	S E P	
				PRODUCT	ION R	ATES	•		•	•	•		PRO	CURE	MENT	LEAD :	TIME				•	•		•		•			
UTENAMANU EA OTU DEDIO MAME		LOGATION		SUST	SHIF	RS	M A							AD LEAD	MIN TIME			MFG			TOTAL								
ITEM/MANUFACTURER'S NAME		LOCATION			DAYS	<u> </u>	X						DD	IOD	AFT	ren.	1	TIME			AFTEF								l
GCS/General Atomics ASI		Rancho Berr	nardo, CA	0	1-8-5		12							IOR OCT	1 C	CT					1001								
		1		-			 	REOF						6		6			14			20 15							
REMARKS		ı		1			<u> </u>	KEUF	וטבא					1	<u> </u>	1			14			15							

Quantity for Ground Systems includes mobile and fixed GCSs and other ground systems to include launch and recovery elements.

P-1 Shopping List Item No. 22

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Exhibit P-21, Production Sched	ule																			D	ate: l	Febr	uary	2008				
Appropriation (Treasury) Code/CC/BA/B	SA/Item C	Control Nu	ımber													Р	-1 Lin	e Iten	n Nom	nencla	ature							
Aircraft Procurement, Air	Force,	Budg	et Acti	vity	04,	Otl	ner /	4irc	raft	, Ite	m N	lo. 2	22			P	PRE	DAT	OR	UA	V							
S	DD C G	ACCEP. PRIOR	BALANCE DUE		2011			FIS	CAL Y	EAR 2		ENDAR	YEAR	2012						FIS		EAR 2		EAR 20	13			L A
PROCUREMENT YEAR R V	PROC. QTY	TO 1 OCT 2011	AS OF 1 OCT 2011	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	T E R
2008 USAF	24	12	12	2	1	2	1	1		1		1		1		1		1										0
TOTAL USAF	14 38	12	14 26	2	1	2	1	2	1	2	1	2		1		1		1	1		1		1		1		1	2
				O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	N N	J L	A U G	S E P	
				SHIF HOU	Т	M						PRO	AD	MENT MIN TIME	LEAD	ГІМЕ				TOTAL								
ITEM/MANUFACTURER'S NAME	LOCATION		0001	DAYS		X											MFG TIME			AFTER								
GCS/General Atomics ASI	Rancho Bern	ardo, CA	0	1-8-5		12						PR 1 C		AF1 1 C	TER OCT		TIIVIL			1 OCT	-							
		•					INITIA REOR						6		6 1			14 14			20 15	-						
REMARKS							,												1		- 10							

Quantity for Ground Systems includes mobile and fixed GCSs and other ground systems to include launch and recovery elements.

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Exhibit P-21, Prod	duction	Sched	ule																			Di	ate: F	-ebru	ary 2	2008				
Appropriation (Treasu	ry) Code/	CC/BA/E	3SA/Item (Control Nu	ımber													Р	-1 Lin	e Iten	Nom	nencla	ature							
Aircraft Procu	remer	nt, Air	Force,	, Budg	et Acti	vity	04,	Oth	ner A	4irc	raft	, Ite	m N	lo. 2	22			F	PRE	DAT	OR	UA	V							
		S		ACCEP. PRIOR	BALANCE DUE		2001			FIS	CAL Y	EAR 2		ENDAF	R YEAR	2002						FIS	CAL Y		003 AR YE	AR 200)3			L A
PROCUREMENT	YEAR	R V	PROC. QTY	TO 1 OCT 2001	AS OF 1 OCT 2001	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	T E R
2002	1	USAF	6	0	6				1									1												4
2003		USAF	3	0	3																									3
2004		USAF	5	0	5																							<u> </u>		5
2005		USAF	5	0	5																							<u> </u>	 	5
2006		USAF USAF	12	0	12	-																						⊢—	igwdown	12
TOTAL		USAF	33		33				1									1											$\vdash \vdash \vdash$	31
101712			33	, o		O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	31
					PRODUCT									PRO	CURE		LEAD	TIME												
ITEM/MANUFACTURER'S	NAME		LOCATION	1	MIN SUST	SHIFT HOUF DAYS	RS	M A X							ADI LEAD	MIN TIME			MFG			TOTAL AFTER								
MQ-9/General Atomics ASI	NAIVIE		Rancho Berr		6	1-8-5	•	18						PR 1 C	IOR OCT	AFT	TER OCT		TIME			1 OCT								
									INITIA						6		6			14			20							
DE1/10									REOR	DER					1		1			14			15							
REMARKS																														l.

First three aircraft were funded with the DERF. FY02 funding purchased three additional Predator B aircraft on a different contract. Separate contracts resulted in exceeding 12 months total delivery time for aircraft reflected in the FY02 delivery line.

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Exhibit P-21, Production Sche	dule																			Di	ate: F	ebru	ary 2	2008	1			
Appropriation (Treasury) Code/CC/BA	/BSA/Item (Control No	umber													Р	-1 Lin	e Iten	n Nom	nencla	ature							
Aircraft Procurement, Ai	r Force	, Budg	jet Acti	ivity	04,	Oth	ner A	۱irc	raft	, Ite	m N	lo. 2	22			F	PRE	DAT	OR	UA	V							
S	PROC.	PRIOR	BALANCE DUE		2003			FIS	CAL Y	EAR 20		ENDAR	R YEAR	2004						FIS	CAL Y			EAR 200	05			L A
PROCUREMENT YEAR R V	QTY	TO 1 OCT 2003	AS OF 1 OCT 2003	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	T E R
2002 USAF	6	, 2	2 4		1						1				1				1									0
2003 USAF	3	. 0	3																					1			1	1
2004 USAF	5	0) 5																						<u> </u>	<u> </u>		5
2005 USAF	5	. 0) 5																					<u> </u>		<u> </u>	<u> </u>	5
2006 USAF 2007 USAF	12	, 0) 12																						├──	 -	\vdash	12
TOTAL	33		2 31		1						1				1				1					1	 	 	1	25
				O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J L	A U G	S E P	0 C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	
			PRODUCT MIN	SHIFT		М						PRO	CURE	MIN	LEAD	IIIVIE												
ITEM/MANUFACTURER'S NAME	LOCATION	N	SUST	HOUF	RS	A X							LEAD				MFG			TOTAL AFTER								
MQ-9/General Atomics ASI	Rancho Ber		6	1-8-5		18						PR 1 C	IOR OCT	AFT 1 C			TIME			1 OCT								
				-			INITIAL						6		6			14 14			20							
REMARKS				1			REORI	DEK					1		1			14			15							

First three aircraft were funded with the DERF. FY02 funding purchased three additional Predator B aircraft on a different contract. Separate contracts resulted in exceeding 12 months total delivery time for aircraft reflected in the FY02 delivery line.

P-1 Shopping List Item No. 22

Production Schedule Exhibit P-21, page 26 of 30

Exhibit P-21, Production	n Sched	lule																			D	ate: I	-ebru	uary :	2008	}			
Appropriation (Treasury) Code	e/CC/BA/E	BSA/Item (Control Nu	ımber													Р	-1 Lin	e Iten	n Non	nencla	ature							
Aircraft Procureme	nt, Air	Force,	, Budg	et Acti	vity	04,	Oth	ner /	4irc	raft	, Ite	m N	lo. 2	22			F	RE	DAT	OR	UA	V							
	S	PROC.	ACCEP. PRIOR	BALANCE DUE		2005			FIS	CAL Y	EAR 20		ENDAR	YEAR	2006						FIS	CAL Y			EAR 20	07			L A
PROCUREMENT YEAR	R V	QTY	TO 1 OCT 2005	AS OF 1 OCT 2005	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	T E R
2003	USAF	3	2	1			1																						(
2004	USAF	5	0	5													1	1	1		1	1							0
2005	USAF	5	0	5																				1		1		1	2
2006	USAF	2	0	2																									2
2007	USAF	12 27	0	12													-	<u> </u>			-	-				-			12
TOTAL		21		25	O C	N O	D E	J A	F E B	M A R	A P	M A	J	J	A U G	S E	O C	N O	D E	J A N	F E B	M A R	A P R	M A	J U	J	A U G	SE	16
		I		PRODUCT	ION R	ATES	C	IN	ь	N	K		PRO	CURF	_	LEAD :	TIME	ı v	C	IN	Ь	K	K		IN		G	F	
				MIN SUST	SHIF		M A								MIN			MFG			TOTAL								
ITEM/MANUFACTURER'S NAME		LOCATION	<u> </u>		DAYS	;	X											TIME			AFTER								
MQ-9/General Atomics ASI		Rancho Berr	nardo, CA	6	1-8-5		18						PR 1 C	IOR OCT	AF1 1 C						1 OCT								
								INITIA REOR						6		6			14			20 15]						
REMARKS		I		I	<u> </u>			KLOK	DLN					1		1			14	<u> </u>		13	<u> </u>						

P-1 Shopping List Item No. 22

Production Schedule Exhibit P-21, page 27 of 30

Exhibit P-21, Production	n Sched	ule																			D	ate:	Febr	uary	2008	3			
Appropriation (Treasury) Code	e/CC/BA/E	SSA/Item C	Control Nu	ımber													P.	-1 Lin	e Iten	n Non	nencla	ature							
Aircraft Procureme	nt, Air	Force,	Budg	et Acti	vity	/ 04,	Oth	ner <i>i</i>	Airc	raft	, Ite	m N	No.	22			P	RE	DAT	ΓOR	UA	V							
	S		ACCEP. PRIOR	BALANCE DUE		2007			FIS	CAL Y	EAR 2		EMIDAE	R YEAR	2008						FIS	SCAL Y		2009 DAR YI	ZAD 20	00			L
PROCUREMENT YEAR	E R V	PROC. QTY	TO 1 OCT 2007	AS OF 1 OCT 2007	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	T E R
2005	USAF	5	3	2	1		1																						0
2006	USAF	2	0	2								1						1											0
	USAF	12	0	12																		1	1	1	1	1	1	1	5
TOTAL		19	3	16	1		1					1						1				1	1	1	1	1	1	1	5
					O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	
				PRODUCT	ION R	ATES							PRC	CURE	MENT	LEAD ⁻	ГІМЕ	-											<u> </u>
ITEM/MANUFACTURER'S NAME		LOCATION		MIN SUST	SHIF HOU DAYS	RS	M A X							AD LEAD	MIN TIME			MFG TIME			TOTAL AFTER								
MQ-9/General Atomics ASI		Rancho Berr	ardo, CA	6	1-8-5		18							IOR OCT	AFT 1 C			TIIVIL			1 OCT	-							
								INITIA REOR						6		6			14 14			20 15							
REMARKS		•					•	•					-		-					•			-						

P-1 Shopping List Item No. 22

Production Schedule Exhibit P-21, page 28 of 30

Ext	nibit P-21, Production	n Sched	ule																			D	ate:	Eebru	uary	2008				
App	opriation (Treasury) Code/CC/BA/BSA/Item Control Number P-1 L														-1 Lin	ne Iten	n Non	nencla	ature											
Aiı															PRE	DA	ΓOR	UA	V											
		c		ACCEP.	BALANCE					FIS	SCAL Y	EAR 2	010									FIS	SCAL Y	EAR 2	011					L
		F	PROC.	PRIOR	DUE		2009						CALI	ENDAF	R YEAF	R 2010							C	ALENE	AR YE	EAR 20	11			Α
	PROCUREMENT YEAR	R	QTY	TO 1 OCT	AS OF 1 OCT	O C	N O	D E	J A	F E	M A	A P	M A	J U	J U	A U	S E	O C	N O	D E	J A	F E	M A	A P	M A	J U	J U	A U	S E	T E
		·		2009	2009	T	V	C	N	В	R	R	Y	N	L	G	P	T	V	C	N	В	R	R	Y	N	L	G	P	R
	2007	USAF	12	7	5	1	1	1	1	1																				C
TOT	AL		12	7	5	1	1	1	1	1																				C
						O C	N O	D E	J A	F E	M A	A P	M A	J	J	A U	S E	O C	N O	D E	J A	F E	M A	A P	M A	J	J	A U	S E	
						Т	V	С	N	В	R	R	Υ	N	L	G	Р	Т	V	С	N	В	R	R	Υ	N	L	G	Р	
					PRODUCT	ION F	RATES							PRC	CURE	MENT	LEAD :	TIME												
					MIN	SHIF		М								MIN														
					SUST	HOU		Α							LEAD	TIME			MFG			TOTAL								
ITEM	I/MANUFACTURER'S NAME		LOCATION			DAY	S	Х											TIME			AFTER								
MQ-9	9/General Atomics ASI		Rancho Bern	ardo, CA	6	1-8-5		18	3						IOR OCT		TER DCT					1 OCT	•							
									INITI/	λL					6		6			14			20	1						
									REOF	RDER					1		1			14			15	<u> </u>						
REM	ARKS		_																											

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Production Schedule Exhibit P-21, page 29 of 30

Exh	nibit P-21, Production	n Sched	lule																			D	ate:	Febru	uary	2008	}			
App	ropriation (Treasury) Code	e/CC/BA/I	BSA/Item (Control Nu	ımber													P	-1 Lin	e Iten	n Non	nencla	ature							
Air	craft Procureme	nt, Air	Force	, Budg	et Acti	vity	04,	Oth	ner <i>i</i>	Airc	raft	, Ite	m N	lo. 2	22			F	PRE	DAT	ΓOR	UA	V							
		S	PROC	ACCEP. PRIOR	BALANCE DUE		2011			FIS	CAL Y	EAR 2		ENDAI	R YEAF	R 2012						FIS		'EAR 2 ALEND		EAR 20	13			L A
	PROCUREMENT YEAR	F PROC															N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	T E R		
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		V 2011 2011 T V C N B R R Y N L G P T 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0															N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U	J U L	A U G	S E P			
	V 2011 2011 T V C N B R R Y N L G P T N N N N N N N N N																													
ITEM	I/MANUFACTURER'S NAME		LOCATION	J		-	RS												MFG TIME			TOTAL AFTER								
MQ-9	9/General Atomics ASI		Rancho Berr	nardo, CA	6	1-8-5		18							OCT		TER OCT		IIIVIE			1 OCT								
									INITIA REOR						6		6			14 14			20 15							
	ARKS		•					•													•									
MQ-9	moved to PE 0205219F in FY08.																													

P-1 Shopping List Item No. 22

Production Schedule Exhibit P-21, page 30 of 30

Exhibit P-40, Budget Item Justifi	cation							D	ate: Februar	y 2008	
Appropriation (Treasury) Code/CC/BA/BS	SA/Item Control	P-1 Line	Item Nomencla	ature							
Aircraft Procurement, Air I	Force, Bud	MQ-9									
Program Element for Code B Items:		0205219F			Other Relate	d Program Ele	ements:		0305219F		
	ID Code	Prior Years	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Comp	Total
Proc Qty	A			4	9	11	11	8	8		51
Total Proc Cost (\$ M)			0.000	58.075	161.439	193.378	190.039	144.785	147.156		894.872

Description

Note: Prior to FY08 MQ-9 was in PE 0305219F (MQ-1 Predator).

FY07 GWOT funding for MQ-9 was \$247.6M and was included in MQ-1 Predator PE

FY08 funding totals do not include \$149.1M FY2008 GWOT requirements still pending

Reaper procurement includes all components of the MQ-9 weapon system. The basic MQ-9 system consists of the aircraft, sensors, a control station, communications equipment, weapon kits, support equipment, simulator and training devices, readiness spares packages (RSP), technical data/training, and personnel required to operate, maintain, and sustain the system. The system is designed to be modular and open-ended: mission-specific equipment is employed in a 'plug-and-play' mission kit concept allowing specific aircraft and control station configurations to be tailored to fit mission needs.

The MQ-9 Reaper aircraft is a single-engine, turbo-prop remotely piloted aircraft designed to operate over-the-horizon at medium-to-high altitude for long endurance sorties. The aircraft is being designed primarily to prosecute critical emerging Time Sensitive Targets (TSTs) as a radar, EO/IR, and laser designator -based attack asset with on-board hard-kill capability (hunter-killer) and also perform Intelligence, Surveillance, Reconnaissance and Target Acquisition (ISR TA) as a secondary role. In the hunter-killer role, the aircraft will employ fused multi-spectral sensors to automatically find, fix, and track ground targets (Automatic Target Cueing (ATC), Target Location Accuracy (TLA), Metric Sensor and other capabilities) and assess post-strike results. The MQ-9 will also explore and if appropriate develop and integrate Signals Intelligence (SIGINT) sensors capabilities. The MQ-9 is in continuing development and will field capability through incremental upgrades. The baseline development includes both a risk reduction phase, FY04 & FY05 Quick Reaction/ Interim Combat Capabilities (ICC), and a System Development & Demonstration (SDD) phase. Risk reduction started in FY03 and includes system design, drawings, specifications, and initial standardized (MIL-STD-1760) advanced weapons data bus efforts. The SDD effort began in FY05 and includes developing and testing the MQ-9's baseline capability and preliminary technical orders. Capabilities in development include increasing the aircraft's gross take-off weight; enhancing aircraft systems to include integrated redundant avionics, ice detection capability, navigation system upgrades, electrical system upgrades, sensor/stores management computer, MIL-STD-1760 advanced weapons data bus, advanced sensor and weapons payloads, and improved human-machine interface; integrating standard precision weapons (GBU-12/38/49, Hellfire); hardware and software upgrades to the ground control station (GCS) for MQ-9 operations; completing airworthiness certification; weapons system

The Ground Control Station (GCS) functions as the aircraft cockpit and can control the aircraft either within line-of-sight (LOS) or beyond LOS (BLOS) via a combination of satellite relay and terrestrial communications. The GCS is either mobile to support forward operating locations or fixed at a facility to support Remote Split Operations (RSO). The GCS has the capability to perform mission planning; provide a means for manual and/or autonomous control and a GCS configuration to allow control of multiple aircraft and payloads; allow personnel to launch, recover, and monitor aircraft, payloads, and system communications status; secure data links to receive payload sensor data and command links; monitor threats to the aircraft; display common operational picture; and provide support functions. Additionally, a Launch and Recover GCS (LRGCS) allows for servicing, systems checks, maintaining, launching, and recovering aircraft under LOS control for hand-off to a mobile or fixed GCS. The GCS will continue to evolve and upgrade its capabilities to keep pace with MQ-9 system capabilities and the missions they perform.

P-1 Shopping List Item No. 23

Budget Item Justification Exhibit P-40, page 1 of 15

Exhibit P-40, Budget Item Justification	Date: February 2008
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number	P-1 Line Item Nomenclature
Aircraft Procurement, Air Force, Budget Activity 04, Other Aircraft, Item No. 23	MQ-9
Description Continued	•
MQ-9s are procured sole-source with General Atomics-Aeronautical Systems Inc. (GA-ASI) as the prime contractor (develop	oment production integration denot)
	ment, production, integration, depot).
FY 2009 Program Justification	
Procurement funding includes MQ-9 Reaper aircraft, sensors and weapons kits, mobile and fixed Ground Control Stations (G	
Communication Systems, simulators & training devices, production support, Ground Data Terminals (GDT), initial spares, Read initial technical data/training.	eadiness Spares Packages (RSP), support equipment,
and initial technical data/training.	
P-1 Shopping List Item No. 23	Budget Item Justification
т т такерын д	Exhibit P-40, page 2 of 15

Exhibit P-5, Weapon System Cost Analysis							Date	e: February	2008	
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Nu							m Nomenclatu	re		
Aircraft Procurement, Air Force, Budg	et Activity 04	1, Other	Aircraft, It	em No. 2	3	MQ-9				
Manufacturer's Name/Plant City/State Location				Subline Iter	m					
General Atomics ASI/Rancho Bernardo/CA										
Weapon System	Ident				Total Cos	t in Millions o	f Dollars			
Cost Elements	Code		FY 2007			FY 2008			FY 2009	
				Total			Total			Total
		Qty	Unit Cost	Cost	Qty	Unit Cost	Cost	Qty	Unit Cost	Cost
MQ-9 Reaper Aircraft (1)	A				4	11.873	47.493	9	10.782	97.036
Production Support (2)	A						9.740			9.383
Ground Control Systems (3)	A									10.074
Communication Systems (4)	A							1		2.353
Initial/Deployment Support Kits(5)	A						0.842			27.651
Support Equipment (6)	A									11.259
Training Device/Simulator	A									3.683
TOTAL PROGRAM							58.075			161.439
Comments										

- (1) MQ-9 total aircraft cost includes Multi-sprectral Targeting System (MTS) sensor, Lynx SAR, and associated GFE.
- (2) Production Support includes Other Government Costs (OGC) and program management support for MQ-9, production tooling, and production specific data/drawings.
- (3) Quantity for Ground Systems includes mobile and fixed GCSs. Additionally, this line funds other ground systems to include launch and recovery elements.
- (4) Quantity for Communication Systems includes Predator Primary SATCOM Link (PPSL) Systems. Additionally, this line funds other communication equipment.
- (5) Deployment support kit unit cost varies base on kit content.
- (6) Integrated Logistics Support includes initial spares, support equipment, technical data/training, and organic repair capability startup for the MTS laser sensor.
- (7) FY10 unit cost increase from FY09 is result of two factors FY09 unit cost includes no Engineering Change Order risk funding and FY10 unit cost also begins to factor in additional capability like 45 kVa and comm system upgrades)
- (8) FY12 unit cost increase from FY11 is a result of Systems Engineering Program Management (SEPM) cost being spread accross less aircraft (8 vs. 11).

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Weapon System Cost Analysis Exhibit P-5, page 3 of 15

Exhibit P-5A, Procurement Hist	ory ar	nd Plannin	g						Dat	e: February	2008	
Appropriation (Treasury) Code/CC/BA/	3SA/Iter	m Control Nu	mber				F	2-1 Line Ite	em Nomenclatu	re		
Aircraft Procurement, Air	Ford	e, Budge	et Activity	04, Other	· Aircraft,	Item No. 2	23	MQ-9				
Weapon System					Subline Iter	n	•					
MQ-9												
WBS Cost Elements	Qty	Unit Cost	Location of PCO	RFP Issue	Contract Method	Contract Type	Contractor and L	ocation	Award Date	Date of First	Specs Available Now?	Date Revision Available?
WB3 Cost Elements	Qıy	Onit Cost	100	Date	Wicthod	Турс	Contractor and Li	Cation	Awaru Date	Delivery	NOW:	Available:
FY 2008	1											+
MQ-9/General Atomics ASI	4		658th/PK		SS	FFP	MQ-9/General A	tomics	Apr-08	Aug-09	Yes	
FY 2009												
MQ-9/General Atomics ASI	9		658th/PK		SS	FFP	MQ-9/General As ASI	tomics	Feb-09	Dec-09	Yes	
PPSL/L-3 Comm	1		658th/PK		SS	FFP	PPSL/L-3 Comm		Mar-09	May-10	Yes	
FY 2010												
MQ-9/General Atomics ASI	11		658th/PK		SS	FFP	MQ-9/General A ASI	tomics	Feb-10	Dec-10	Yes	
GCS/General Atomics ASI	5		658th/PK		SS	FFP	GCS/General Ato ASI	omics	Feb-10	Feb-11	Yes	
PPSL/L-3 Comm	2		658th/PK		SS	FFP	PPSL/L-3 Comm		Mar-10	May-11	Yes	
FY 2011	•											
MQ-9/General Atomics ASI	11		658th/PK		SS	FFP	MQ-9/General A ASI	tomics	Feb-11	Nov-11	Yes	
GCS/General Atomics ASI	3		658th/PK		SS	FFP	GCS/General Ato ASI	omics	Feb-11	Feb-12	Yes	
PPSL/L-3 Comm	1		658th/PK		SS	FFP	PPSL/L-3 Comm		Mar-10	May-11	Yes	
FY 2012	•											
MQ-9/General Atomics ASI	8		658th/PK		SS	FFP	MQ-9/General A ASI	tomics	Feb-12	Oct-12	Yes	
GCS/General Atomics ASI	2		658th/PK		SS	FFP	GCS/General Ato ASI	omics	Feb-12	Feb-13	Yes	
FY 2013												
MQ-9/General Atomics ASI	8		658th/PK		SS	FFP	MQ-9/General A ASI	tomics	Feb-13	Jun-13	Yes	
GCSGeneral Atomics ASI	2		658th/PK		SS	FFP	GCS/General Ato ASI	omics	Feb-13	Feb-14	Yes	
Remarks												
				P-1 Shop	ping List Iter	m No. 23			Proc	urement H	istory and	Planning
				сор	= =101 1101						t P-5A, pag	

Exhibit P-21, Production	craft Procurement, Air Force, Budget Activity 04, Other Aircraft, Item No. 23 S PROCUREMENT YEAR OR PROCUREMENT																		D	ate: I	Febru	uary :	2008	3					
Appropriation (Treasury) Code	e/CC/BA/E	SSA/Item C	Control Nu	mber													P-	-1 Lin	e Iten	n Nom	nencla	ature							
Aircraft Procureme	nt, Air	Force,	Budg	et Act	ivity	04,	Oth	ner A	\irc	raft,	, Ite	m N	lo. 2	23			N	1Q-9	9										
PROCUREMENT YEAR	PROCUREMENT YEAR R PROC. QTY															N O	D E	J	FIS F E	CAL Y	EAR 20 ALEND A	M	EAR 200	09 J	A	S	L A T		
2008	V 10CT 10CT C 0 E A E A P A U U U E C 2007 2007 T V C N B R R Y N L G P T 08 USAF 4 0 4 0 4															V	C	N	В	R	R	Y	N	L	G	P	R		
2009	008 USAF 4 0 4																									1	0		
2010 2011	USAF	0	0	0																									0
2012 2013	USAF USAF	0	0	0)																								0
TOTAL	USAF 4 0 4																							<u> </u>			0		
					C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	N N	U	U G	S E P	O C T	N O V	E C	J A N	E B	A R	P R	M A Y	N U	U	U G	S E P	
				PRODUCT	TION R	ATES							PRO	CURE	MENT	LEAD 1	ГІМЕ												
				MIN SUST	SHIF	RS	M A							AD LEAD	MIN TIME			MFG			TOTAL								
ITEM/MANUFACTURER'S NAME MQ-9		Rancho Berr		6	DAYS 1-8-5	5	X 18							IOR	AFT 1 O			TIME			AFTEF 1 OCT								
								INITIAL						6		6			19 19			25 20							
REMARKS																ı													

P-1 Shopping List Item No. 23

Production Schedule Exhibit P-21, page 5 of 15

Exhibit P-21, Production	raft Procurement, Air Force, Budget Activity 04, Other Aircraft, Item No. 23 S PROCUREMENT YEAR OR PROC. P																		D	ate: l	Febru	uary :	2008	}					
Appropriation (Treasury) Code	e/CC/BA/E	SSA/Item C	Control Nu	mber													P-	1 Lin	e Iten	n Nom	nencla	ature							
Aircraft Procureme	nt, Air	Force,	Budg	et Acti	ivity	04,	Oth	ner A	ircr	raft,	, Ite	m N	lo. 2	23			M	IQ-9	•										
	S	DDOG				2009			FISC	CAL YE	EAR 20		ENDAF	R YEAR	2010						FIS		EAR 20 ALEND		EAR 20	11			L A
PROCUREMENT YEAR	R V	QTY	1 OCT	1 OCT	O C T	N O V	D E C	J A N	F E B	Α	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	T E R
2008	R																										0		
2009	PROCUREMENT YEAR R R Y N L G P T V C N B R R Y N L G P T V C N B R R N Y N L G P T V C N B R R N Y N L G P T V C N B R R N Y N L G P T V C N B R R R Y N L G P T V C N B R R R Y N L G P T V C N C N C N C N C N C N C N C N C N C															1											0		
2010	PROCUREMENT YEAR R V OTY 1 OCT 1 OCT 2009 T V C O B B R R V D OTY 1 OCT 2009 T V C O B B R R V N L G P T V C O B B R R V N L G P T V C O B B R R V N L G P T V C O B B R R V N L G P T V C O B B R R V N L G P T V C O B B R R V N L G P T V C O B B R R V N L G P T V C O B B R R V N L G P T V C O B B R R V N L G P T V C O B B R R V N L G P T V C O B B R R V N L G P T V C O B B R R V N L G P T V C O B B R R V N L G P T V C O B B R R V N L G P T V C O B B R R V N L G P T V C O B B R R V N L G P T V C O B B R R V N L G P T V C O B B R R R V N L G P T V C O B B R R R V N L G P T V C O B B R R R V N L G P T V C O B B R R R V N L G P T V C O B R R R V N R D R R R R V N R R R R V N R R R R V N R R R R																1	1	1	1	1	1	1	1	1	1	1		
2011	USAF	11	0	11																									11
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ITEM/MANUFACTURER'S NAME		LOCATION			DAYS	;	Х											TIME		,	AFTER	3							I
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P-1 Shopping List Item No. 23

Production Schedule Exhibit P-21, page 6 of 15

Exhibit P-21, Production	raft Procurement, Air Force, Budget Activity 04, Other Aircraft, Item No. 23 S PROC PRIOR BALANCE FISCAL YEAR 2012 OUE 2011 CALENDAR YEAR 2012																		D	ate: I	-ebru	uary :	2008	}					
Appropriation (Treasury) Code	e/CC/BA/E	SSA/Item (Control Nu	mber													P-	-1 Lin	e Item	n Nom	nencla	ature							
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				MIN SUST	SHIFT		M A							AD LEAD	MIN TIME			MFG			TOTAL	_							
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REMARKS																													

P-1 Shopping List Item No. 23

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Exhibit P-21, Productio	n Sched	ule																			D	ate:	Febr	uary	2008	}			
Appropriation (Treasury) Cod	e/CC/BA/E	SSA/Item C	Control Nu	ımber													P	-1 Lin	e Iten	n Non	nencla	ature							
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	PROCUREMENT YEAR F																			C	ALENI	OAR YE	EAR 20	15			A		
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				PRODUCT	ION R	ATES							PRC	CURE	MENT	LEAD :	TIME		•	181							•		
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REMARKS	•					•	•					•				•													

P-1 Shopping List Item No. 23

Production Schedule Exhibit P-21, page 8 of 15

Ex	hibit P-21, Production	n Sched	lule																			D	ate: I	-ebru	uary :	2008				
App	ropriation (Treasury) Code	e/CC/BA/E	3SA/Item (Control No	umber													Р	-1 Lin	e Iten	n Nom	nencla	ature							
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		S	DDOC	ACCEP. PRIOR	BALANCE DUE		2007			FIS	CAL Y	EAR 2		ENDAI	R YEAR	2008						FIS	CAL Y			EAR 200)9			L A
	PROCUREMENT YEAR	PROCUREMENT YEAR R V 1 TO AS OF O N D J F M A M J J A S O O N D D J F M A P A U U U U E C C O E A E A P A V N L G P T O O O O O O O O O O O O O O O O O O															N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	T E R		
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REM	MARKS	·																												

Quantities include both deployable and fixed-site Ground Control Stations (GCS).

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Exhibit P-21, Production Sched	lule																			Da	ate: F	-ebru	uary 2	2008				
Appropriation (Treasury) Code/CC/BA/	BSA/Item (Control No	umber													Р	-1 Lin	e Iten	n Nom	encla	ture							
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			PRODUCT	ION RA	ATES	•	-					PRC	CURE	MENT	LEAD	TIME	•		•									
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Quantities include both deployable and fixed-site Ground Control Stations (GCS).

P-1 Shopping List Item No. 23

Production Schedule Exhibit P-21, page 10 of 15

Exhibit P-21, Production Sched	lule																			Da	ate: F	-ebru	uary 2	2008				
Appropriation (Treasury) Code/CC/BA/	BSA/Item C	Control No	umber													Р	-1 Lin	e Iten	n Nom	encla	ture							
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2009 USAF	5	5	0																									0
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Quantities include both deployable and fixed-site Ground Control Stations (GCS).

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Exh	nibit P-21, Productio	n Sched	ule																			D	ate:	Febr	uary	2008	3			
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Exhibit P-21, Production	n Sched	ule																			D	ate:	Febr	uary	2008				
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2009	USAF	1	2009	2009	1	v	C	IN	ь	K	K	1	IN	L	G	P	1	v	C	IN	ь	K	R	1	IN	L	G	Р	0
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Exhibit P-21, Production	n Sched	ule																			D	ate: l	Febr	uary	2008	3			
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	Ē	PROC.	PRIOR	DUE		2011						CALI	ENDAF	R YEAF	R 2012							<u>C</u> .	ALENI		EAR 20	13			A
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ITEM/MANUEL OTUBEDIO MANE				SUST	HOU		A							LEAD	TIME			MFG			TOTAL								
ITEM/MANUFACTURER'S NAME		LOCATION		_	DAYS		X	ł						100		TED.		TIME			AFTER								
PPSL / L3 Comm		Salt Lake Ci	ity, UT	0	1-8-5		18							RIOR OCT	1 C	TER OCT					1 OCT								
								INITIA						6		6			19			25							
								REOR	RDER		-			1		1			19		-	20							
REMARKS																													

P-1 Shopping List Item No. 23

Production Schedule Exhibit P-21, page 14 of 15

Exh	nibit P-21, Production	n Sched	ule																			D	ate:	Febru	uary	2008	3			
App	ropriation (Treasury) Code	e/CC/BA/E	3SA/Item (Control Nu	ımber													Р	-1 Lin	e Iter	n Non	nencla	ature							
Air	craft Procureme	nt, Air	Force	, Budg	et Acti	vity	0 4,	Oth	ner <i>i</i>	Airc	raft	, Ite	m N	lo. 2	23			N	/IQ-9	9										
		c		ACCEP.	BALANCE					FIS	CAL Y	EAR 2	014									FIS	SCAL Y	EAR 2	015					L
) E	PROC.	PRIOR	DUE		2013						CALE	ENDAF	R YEAR	R 2014							C	ALENE	AR YE	EAR 20	15			Α
	PROCUREMENT YEAR R QTY TO 1 OCT					O C	N O	D	J	F E	M	A	M	J	J	A	S	O	N O	D E	J	F	M	A	M	J	J	A	S	T
		V		2013	1 OCT 2013	T	V	C	N	В	R	R	Y	N	L	G	P	T	V	C	N	В	R	R	Y	N	L	G	P	R
	2012	USAF	0	0	0																									(
TOT	AL The state of th		0	0	0																									(
						0	N	D	7	F	М	Α	М	J	J	Α	S	0	Ν	D	J	F	М	Α	M	J	J	Α	S	
						T	V	C	A N	E B	A R	R R	A Y	U N	L	G	P	T	O V	C	A N	B	R	R	A Y	U N	L	G	P	
					PRODUCT	ION R	ATES							PRO	CURE	MENT	LEAD :	TIME												
					MIN	SHIF	T	M							AD	MIN														
					SUST	HOU		Α							LEAD	TIME			MFG			TOTAL								
	/MANUFACTURER'S NAME		LOCATION			DAYS		X											TIME			AFTE								
PPSL	/ L3 Comm		Salt Lake C	ity, UT	0	1-8-5		18							IOR		TER OCT					1 OCT	Γ							
									INITIA	.L					6		6			19			25	1						
									REOR	DER					1		1			19)		20							
REM	ARKS	•			•		,	,	•	,	,		•		,	,	•			,	•		,	,		•				

P-1 Shopping List Item No. 23

Production Schedule Exhibit P-21, page 15 of 15

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FY 2009 BUDGET ESTIMATES BUDGET ACTIVITY 06 – AIRCRAFT SPARES AND REPAIR PARTS FEBRUARY 2008

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Exhibit P-40, Budget Item Justification	Date: February 2008
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number	P-1 Line Item Nomenclature
Aircraft Procurement, Air Force, Budget Activity 06, Aircraft Spares and Repair Parts,	Aircraft Initial Spares
Item No. 63	

Program Element for Code B Items:		N/A			Other Relate	d Program El	lements:		N/A		
	ID Code	Prior Years	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Comp	Total
Proc Qty	A										0
Total Proc Cost (\$ M)			236.244	254.651	257.001	374.516	503.317	622.770	660.253	N/A	N/A

Description

FY2007 funding total includes \$2.48M in GWOT supplemental.

FY2008 funding totals do not include \$116.9M FY2008 GWOT requirements still pending Congressional consideration.

Program Description: Aircraft Initial Spares are required to fill the initial pipeline or inventory for all new aircraft systems, including modifications, support equipment, and other production categories. Initial spares include peculiar reparable and consumable components, assemblies, and subassemblies that must be available for issue at all levels of supply in time to support newly fielded end items.

Initial spares are funded in the two program segments described below.

Working Capital Fund (WCF) Spares. Since FY94 the primary means to purchase initial spares is using obligation authority in the WCF. When the spares are delivered this central procurement account will reimburse the WCF. Types of spares in this program segment are Readiness Spares Packages, New Acquisition Spares, Modification Spares, Support Equipment, Other Production, and Consumables.

Exempt Spares. This program segment finances spares that are not purchased through the WCF. The budget authority is a direct cite on the contract. Types of spares in this program segment are Whole Spare Engines, Whole Spare Quick Engine Change Kits, Contractor Logistics Support, Simulators/Trainers, Classified Equipment, and Munitions.

FY 2009 Program Justification

In FY09 the F-35 program begins its budget ramp up and is the biggest Initial Spares program, followed by the CV-22, Manned Reconnaissance System, and C-130 Airlift Squadrons.

P-1 Shopping List Item No. 63

Budget Item Justification Exhibit P-40, page 1 of 5

			UNCLAS	SIFIED						
Exhibit P-5, Weapon System Cost Analysis							Dat	e: Februa	ıry 2008	
Appropriation (Treasury) Code/CC/BA/BSA/Item Control No	umber					P-1 Line It	em Nomenclatı	ıre		
Aircraft Procurement, Air Force, Bud Item No. 63	get Activity	/ 06, Air	craft Spar	es and Re	pair Parts	, Aircraf	t Initial S	pares		
Manufacturer's Name/Plant City/State Location				Subline Item						
Weapon System	Ident				Total Cost	in Millions	of Dollars			
Cost Elements	Code		FY 2007			FY 2008			FY 2009	
				Total			Total			Total
		Qty	Unit Cost	Cost	Qty	Unit Cost	Cost	Qty	Unit Cost	Cost
INITIAL SPARES (Budget Program 16)				236.244			254.651			257.00
TOTAL PROGRAM				236.244			254.651			257.001
Comments										

P-1 Shopping List Item No. 63

Weapon System Cost Analysis Exhibit P-5, page 2 of 5

	al Spare Funding Summary		Date: Februa	ry 2008
	Code/CC/BA/BSA/Item Control Number		P-1 Line Item Nomenclature	
	ment, Air Force, Budget Activity 06, Aircraft Spare	es and Repair Parts,	Aircraft Initial Spares	
Item No. 63				
Initial Spare Funding Summary	Initial Spare Funding Summary			
P-1 LINE	END ITEM NOMENCLATURE	FY 2007	FY 2008	FY 2009
1	B-52 Squadrons	1.532	7.364	0.064
2	B-1B Squadrons	5.332	5.913	3.221
3	B-2 Squadrons	2.083	4.676	1.063
4	F-15A/B/C/D Squadrons	2.731	0.584	1.592
5	A-10 Squadrons	0.234	3.360	0.329
6	F-16 Squadrons	12.422	16.742	12.953
7	F-15E Squadrons	4.313	1.671	1.279
8	F-22A Squad	0.000	3.475	7.483
9	Joint Strike Fighter Squadrons (F-35)	77.011	38.007	69.696
10	Low Observables Test Equipment (CLOVER)	0.000	0.000	0.000
11	Combat Rescue and Recovery (HH-60G)	0.680	0.350	0.470
12	Precision Attack Systems (Other)	2.140	1.960	3.800
13	COMPASS CALL	11.333	13.371	15.929
14	Airborne Warning and Control System (AWACS)	5.832	7.800	8.071
15	Combat Training Range Equipment	1.168	1.592	1.639
16	JOINT STARS (E-8C)	0.895	1.329	1.440
17	Full Combat Mission Training	0.000	1.659	2.486
18	Combat Development	0.100	0.133	0.137
19	E-4B National Airborne Operations Center (NAOC)	0.118	0.653	2.421
20	MILSATCOM Terminals (Other)	0.766	0.000	0.000
21	Aerial Targets (Target Drones)	0.383	0.509	0.524
22	Manned Reconnaissance System (RC-135S)	31.601	30.062	27.411
23	C-130 Airlift Squadrons	19.459	0.000	18.861
24	KC-135S	12.810	10.505	18.455
25	VC-25A (Operational Support Airlift)	0.406	0.540	0.555
26	CV-22 Osprey	28.352	81.672	41.459
27	Special Operations Forces	14.486	13.691	0.829
28	C-130 TACTICAL ALFT SQDNS (ANG)	0.003	0.004	0.004
29	T-43 Mods	0.043	0.057	0.059
30	Undergraduate Pilot TNG	0.011	0.019	0.021
31	Fighter Tactical Data Link	0.000	0.000	0.000
32	JPATS	0.000	0.000	14.750
	P-1 Shopping Li	st Item No. 63		Funding Summary

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Initial Spare Funding Summary Exhibit P-18A, page 3 of 5

Exhibit P-18A, Initial Spare Funding Summary

1 1 1 7	le/CC/BA/BSA/Item Control Number ent, Air Force, Budget Activity 06, Aircraft Spares a	nd Repair Parts,	P-1 Line Item Nomenclature Aircraft Initial Span	es
<u>P-1 LINE</u>	END ITEM NOMENCLATURE	<u>FY 2007</u>	FY 2008	<u>FY 2009</u>
32	KC-10 Mods	0.000	0.000	0.000
33	MQ-1 MODS	0.000	6.953	0.000
	TOTAL INITIAL SPARES	236.244	254.651	257.001

P-1 Shopping List Item No. 63

Initial Spare Funding Summary Exhibit P-18A, page 4 of 5

Date: February 2008

hibit P-18A, Initia	al Spare Funding	ASSIFIED	Date: Februar	y 2008		
	Code/CC/BA/BSA/Item Control Number		P-1 Line Item Nomenclature	,		
	ment, Air Force, Budget Activity 06, Aircraft Sp.	ares and Repair Parts.	Aircraft Initial Spares			
m No. 63	, , , , , , , , , , , , , , , , , , , ,	•	'			
al Spare Funding	Initial Spare Funding		!			
LINE	END ITEM NOMENCLATURE	FY 2007	FY 2008	FY 2009		
	WCF SPARES	64.160	104.651	68.30		
	EXEMPT SPARES	172.084	150.000	188.69		
	TOTAL INITIAL SPARES	236.244	254.651	257.00		

P-1 Shopping List Item No. 63

Initial Spare Funding Exhibit P-18A, page 5 of 5

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FY 2009 BUDGET ESTIMATES BUDGET ACTIVITY 07 – AIRCRAFT SUPPORT EQUIPMENT AND FACILITIES FEBRUARY 2008

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FY 2009 BUDGET ESTIMATES BP 12 – APAF/AIRCRAFT REPLACEMENT SUPPORT EQUIPMENT (O&I) FEBRUARY 2008

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APPROPCODE/BA: APAF/AIRCRAFT REPLACEMENT SUPPORT EQUIPMENT (081) FY2007 FY2008 FY2009 FY2010 FY2010 FY2011 FY2012 FY2013 QUANTITY COST (In Thousands) Bescription: FY2008 funding total does not include \$237,360M in FY2008 GWOT requirements still pending. 1. This program provides funding for the procurement of replacement organizational and intermediate level support equipment for out-of-production aircraft These items, common (used on more than one weapon system) and peculiar (unique to one weapon system), directly support aircraft maintenance and servicing requirements. These replacement requirements ensure continuation of serviceable, supportable equipment over the life of a weapon system. Items requiring replacement typically range in age from 10 to 35 years old. As a result, this equipment suffers frequent failures, is uneconomical to repair, and requires spare parts that are no longer available. Many items have become technologically obsolete or must be replaced due to environmental operating constraints. Items of equipment budgeted within this program include: avionics test stations, air conditioners, munitions handling equipment, electronic test sets, maintenance platforms, and automatic test systems. These items support multiple Air Force weapon systems. Failure to procure these items will negatively affect mission capable rates, increase maintenance costs, and increase sortic turn times. 2. Items requested in FY09 are identified on the following P-40A and are representative of items being procured. Items procured during execution may change based on critical equipment needed to support current Air Force mission requirements.	BUDGET ITEM JUSTIFICA	ATION (EXHIBIT P-40)				DATE: FEBF	RUARY 2008	
PY2007 FY2008 FY2009 FY2010 FY2011 FY2012 FY2013 QUANTITY COST (inThousands) \$101,242 \$100,451 \$104,861 \$114,261 \$108,211 \$110,761 \$78,871 Description: FY2008 funding total does not include \$237,360M in FY2008 GWOT requirements still pending. 1. This program provides funding for the procurement of replacement organizational and intermediate level support equipment for out-of-production aircraft These items, common (used on more than one weapon system) and peculiar (unique to one weapon system), directly support aircraft maintenance and servicing requirements. These replacement requirements ensure continuation of serviceable, supportable equipment over the life of a weapon system. Items requiring replacement typically range in age from 10 to 35 years old. As a result, this equipment suffers frequent failures, is uneconomical to repair, and requires spare parts that are no longer available. Many items have become technologically obsolete or must be replaced due to environmental operating constraints. Items of equipment budgeted within this program include: avionics test stations, air conditioners, munitions handling equipment, electronic test sets, maintenance platforms, and automatic test systems. These items support multiple Air Force weapon systems. Failure to procure these items will negatively affect mission capable rates, increase maintenance costs, and increase sortie turn times. 2. Items requested in FY09 are identified on the following P-40A and are representative of items being procured. Items procured during execution may	APPROP CODE/BA:		P-1 NOMENO	LATURE:				
COST (in Thousands) Story and intermediate level support equipment for out-of-production aircraft These items, common (used on more than one weapon system) and peculiar (unique to one weapon system), directly support aircraft maintenance and servicing requirements. These replacement requirements ensure continuation of serviceable, supportable equipment over the life of a weapon system. Items requiring replacement typically range in age from 10 to 35 years old. As a result, this equipment suffers frequent failures, is uneconomical to repair, and requires spare parts that are no longer available. Many items have become technologically obsolete or must be replaced due to environmental operating constraints. Items of equipment budgeted within this program include: avionics test stations, air conditioners, munitions handling equipment, electronic test sets, maintenance platforms, and automatic test systems. These items support multiple Air Force weapon systems. Failure to procure these items will negatively affect mission capable rates, increase maintenance costs, and increase sortie turn times. 2. Items requested in FY09 are identified on the following P-40A and are representative of items being procured. Items procured during execution may	APAF/AIRCRAFT REPLACEME	NT SUPPORT EQUIPMENT (O&I)	AIRCRAFT RE	PLACEMENT	SUPPORT EQ	UIPMENT (OVE	RVIEW)	
COST (inThousands) \$101,242 \$100,451 \$104,861 \$114,261 \$108,211 \$110,761 \$78,871 Description: FY2008 funding total does not include \$237,360M in FY2008 GWOT requirements still pending. 1. This program provides funding for the procurement of replacement organizational and intermediate level support equipment for out-of-production aircraf These items, common (used on more than one weapon system) and peculiar (unique to one weapon system), directly support aircraft maintenance and servicing requirements. These replacement requirements ensure continuation of serviceable, supportable equipment over the life of a weapon system. Items requiring replacement typically range in age from 10 to 35 years old. As a result, this equipment suffers frequent failures, is uneconomical to repair, and requires spare parts that are no longer available. Many items have become technologically obsolete or must be replaced due to environmental operating constraints. Items of equipment budgeted within this program include: avionics test stations, air conditioners, munitions handling equipment, electronic test sets, maintenance platforms, and automatic test systems. These items support multiple Air Force weapon systems. Failure to procure these items will negatively affect mission capable rates, increase maintenance costs, and increase sortie turn times. 2. Items requested in FY09 are identified on the following P-40A and are representative of items being procured. Items procured during execution may		FY200	7 FY2008	FY2009	FY2010	FY2011	FY2012	FY2013
Description: FY2008 funding total does not include \$237,360M in FY2008 GWOT requirements still pending. 1. This program provides funding for the procurement of replacement organizational and intermediate level support equipment for out-of-production aircraf These items, common (used on more than one weapon system) and peculiar (unique to one weapon system), directly support aircraft maintenance and servicing requirements. These replacement requirements ensure continuation of serviceable, supportable equipment over the life of a weapon system. Items requiring replacement typically range in age from 10 to 35 years old. As a result, this equipment suffers frequent failures, is uneconomical to repair, and requires spare parts that are no longer available. Many items have become technologically obsolete or must be replaced due to environmental operating constraints. Items of equipment budgeted within this program include: avionics test stations, air conditioners, munitions handling equipment, electronic test sets, maintenance platforms, and automatic test systems. These items support multiple Air Force weapon systems. Failure to procure these items will negatively affect mission capable rates, increase maintenance costs, and increase sortie turn times. 2. Items requested in FY09 are identified on the following P-40A and are representative of items being procured. Items procured during execution may	QUANTITY							
FY2008 funding total does not include \$237,360M in FY2008 GWOT requirements still pending. 1. This program provides funding for the procurement of replacement organizational and intermediate level support equipment for out-of-production aircraf These items, common (used on more than one weapon system) and peculiar (unique to one weapon system), directly support aircraft maintenance and servicing requirements. These replacement requirements ensure continuation of serviceable, supportable equipment over the life of a weapon system. Items requiring replacement typically range in age from 10 to 35 years old. As a result, this equipment suffers frequent failures, is uneconomical to repair, and requires spare parts that are no longer available. Many items have become technologically obsolete or must be replaced due to environmental operating constraints. Items of equipment budgeted within this program include: avionics test stations, air conditioners, munitions handling equipment, electronic test sets, maintenance platforms, and automatic test systems. These items support multiple Air Force weapon systems. Failure to procure these items will negatively affect mission capable rates, increase maintenance costs, and increase sortie turn times. 2. Items requested in FY09 are identified on the following P-40A and are representative of items being procured. Items procured during execution may		\$101,2	\$100,451	\$104,861	\$114,261	\$108,211	\$110,761	\$78,871
1. This program provides funding for the procurement of replacement organizational and intermediate level support equipment for out-of-production aircraft These items, common (used on more than one weapon system) and peculiar (unique to one weapon system), directly support aircraft maintenance and servicing requirements. These replacement requirements ensure continuation of serviceable, supportable equipment over the life of a weapon system. Items requiring replacement typically range in age from 10 to 35 years old. As a result, this equipment suffers frequent failures, is uneconomical to repair, and requires spare parts that are no longer available. Many items have become technologically obsolete or must be replaced due to environmental operating constraints. Items of equipment budgeted within this program include: avionics test stations, air conditioners, munitions handling equipment, electronic test sets, maintenance platforms, and automatic test systems. These items support multiple Air Force weapon systems. Failure to procure these items will negatively affect mission capable rates, increase maintenance costs, and increase sortie turn times. 2. Items requested in FY09 are identified on the following P-40A and are representative of items being procured. Items procured during execution may	Description:							
These items, common (used on more than one weapon system) and peculiar (unique to one weapon system), directly support aircraft maintenance and servicing requirements. These replacement requirements ensure continuation of serviceable, supportable equipment over the life of a weapon system. Items requiring replacement typically range in age from 10 to 35 years old. As a result, this equipment suffers frequent failures, is uneconomical to repair, and requires spare parts that are no longer available. Many items have become technologically obsolete or must be replaced due to environmental operating constraints. Items of equipment budgeted within this program include: avionics test stations, air conditioners, munitions handling equipment, electronic test sets, maintenance platforms, and automatic test systems. These items support multiple Air Force weapon systems. Failure to procure these items will negatively affect mission capable rates, increase maintenance costs, and increase sortie turn times. 2. Items requested in FY09 are identified on the following P-40A and are representative of items being procured. Items procured during execution may	FY2008 funding total does not	t include \$237,360M in FY2008 GWOT 1	requirements still	pending.				
	requiring replacement typically requires spare parts that are no constraints. Items of equipments sets, maintenance platforms, an negatively affect mission capa? 2. Items requested in FY09 ar	y range in age from 10 to 35 years old. A longer available. Many items have becont budgeted within this program include: nd automatic test systems. These items solder rates, increase maintenance costs, and e identified on the following P-40A and a	s a result, this equivalence technological avionics test state upport multiple A increase sortie to the representative	uipment suffe ly obsolete or ions, air cond air Force wear arn times. of items bein	rs frequent far must be replaitioners, mun pon systems.	ilures, is uneco aced due to env itions handling Failure to proc	nomical to reprironmental op equipment, el ure these item	pair, and perating ectronic test s will
P-1 ITEM NO PAGE NO: Page 1 of 1							Page 1 of	1

BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITEMS (EXHIBIT P-40A) DATE: FEBRUARY 2008 P-1 NOMENCLATURE: APPROPCODE/BA: AIRCRAFT REPLACEMENT SUPPORT EQUIPMENT (OVERVIEW) APAF/AIRCRAFT REPLACEMENT SUPPORT EQUIPMENT (O&I) **FY2008 FY2009** FY2007 ID CODE **PROCUREMENTITEMS** QTY. COST QTY. COST QTY. COST QTY. COST AIRCRAFT REPLACEMENT SUPPORT EQUIPMENT (OVERVIEW) **ENPENNAGE STAND** \$11,366 Α C-5 ISOCHRONIC MAINTENANCE PLATFORM \$14,772 \$9,972 Α TRUCK MOUNTED DEICER \$13,896 Α 44 **BRAT PROGRAM** \$5,485 Α T198B - STORES MGMT TEST SET \$3,703 Α 12 C-130 ISO MAINTENANCE PLATFORM \$2,505 Α COMBINE GENERATOR AIR CONDITIONER \$2,575 Α **BORESIGHT SYSTEM** \$4,680 \$11,660 Α **AUTOMATIC TEST SYSTEM (ATS)** ADVANCED DIGITAL TEST STATION \$17,472 \$19,163 \$18,484 Α FLIGHT CONTROL TEST SET (FLCTS) 10 \$2,938 17 \$5,011 24 \$7,008 Α STORES SYSTEM TESTER (SST) - INTERMEDIATE 14 33 16 Α \$6,081 \$13,087 \$7,451 **LEVEL** STORES SYSTEM TESTER (SST) - ORGANIZATION 28 \$7,778 50 \$14,325 47 \$15,062 Α **LEVEL**

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P-1 ITEM NO

64

		U	INCL	433IFI							
BUDGET ITEM JUSTIFICA	ATION FOR AGGRE	EGATED ITE	MS (EXI	HIBIT P-40 <i>F</i>	A)		DATE:	FEBRUAF	RY 2008		
APPROP CODE/BA:			P-1	NOMENCL	ATURE:		1				
APAF/AIRCRAFT REPLACEMEN	NT SUPPORT EQUIPM	ENT (O&I)	AIR	CRAFT REPL	ACEMENT :	SUPPORT EC	UIPMENT	(OVERVIEW)			
		ID			FY	2007	FY2	2008	FY2	2009	
PROCUREMENTITEMS		CODE	QTY.	COST	QTY.	COST	QTY.	соѕт	QTY.	COST	
USM 670 CORE TEST SET (CTS)		A			14	\$5,895	4	\$1,721			
ITEMS LESS THAN 5 MILLION DOL	LLARS	A				\$26,629		\$22,612		\$35,22	
TOTALS:					125	\$101,242	116	\$100,451	89	\$104,86	
	P-1 ITEM NO 64			PAGE 7	NO: - 3			Pag	ge 2 of 2		

BUDGET ITEM JUSTIFICATION (EXHIBIT	P-40)				DATE: FEBR	RUARY 2008	
APPROP CODE/BA: APAF/AIRCRAFT REPLACEMENT SUPPORT EQU	IPMENT (O&I)	P-1 NOMENCI C-5 ISOCHRON		ANCE STAND)		
	FY2007	FY2008	FY2009	FY2010	FY2011	FY2012	FY2013
QUANTITY							
COST (in Thousands)	\$0	\$14,772	\$9,972	\$10,670	\$0	\$0	\$0
Description:							
pullout tools. With the upgrades of the C-5B mode. 2. The existing platforms are utilized by Aircraft Squadrons (CRS). Current Isochronal Maintenant availability of these stands affects timely maintenant the implementation of Occupational Safety and Hazards. The C-5 Isochronal Maintenance Stands Capability.	Generation Squadrons (ace Stands are heavily ov ance completion, mission lealth Administration (O	AGS), Equipme er-tasked due to on capable rates (SHA) safety reg	ent Maintenan the limited n and departure gulations and a	ce Squadron umber assig reliability ra are in a serio	ns (EMS), and Conned to AF installates. The currer busly deteriorate	Component Resilations. The interest stands were distanted of the state	pair non- built prior to structural
3. Items requested in FY09 are identified on the critical equipment needed to support current Air l	-		procured. Ite	ems procured	d during executi	on may chang	e based on
P-1 ITEM NO		PAGE 7	NO:			Page 1 of	1

WEAPON SYSTEM COST ANALYSIS	S (EXHIBIT P-5)							[DATE:	FEBRUA	ARY 20	008	
APPROPCODE/BA: APAF/AIRCRAFT REPLACEMENT SUPPORT	EQUIPMENT (O&I)			OMENCL OCHRON			NCE STAN	ND					
WEADON SYSTEM			FY2007			FY200	8		FY2009)			
WEAPON SYSTEM COST ELEMENTS	CODE	QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST
C-5 ISO CHRONO MAINTENANCE STAND	A							1	\$9,708,000	\$9,708	1	\$9,972,000	\$9,972
DATA										\$2,500			
FIRST ARTICLE TEST										\$2,564			
TOTALS:								1		\$14,772	1		\$9,972
P-1 ITEN	1 NO			PAGE						De	ane 1	of 1	
64					7 - 5				Page 1 of 1				

BUDGET PROCUREMENT	HISTORY F	PLANNING (EXHIBIT P-	5A)			DATE: FEE	BRUARY 2	2008	
APPROPCODE/BA:				P-1 NO	MENCLATURE:					
APAF/AIRCRAFT REPLACEMENT	SUPPORT E	EQUIPMENT (0	D&I)	C-5 ISC	CHRONAL MAINT	TENANCE STAND				
ITEM NAME/ FISCAL YEAR	QTY.	UNIT COST	LOCATION O	F PCO	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWD. DATE	DATE FIRST DEL.	SPECS AVAIL NOW	DATE REV. AVAIL
C-5 ISO CHRONO MAINTENANCE STAND										
FY2008	1	\$9,708,000	AFMC/WR-	-ALC	C/FFP W/OPT	UNKNOWN	Apr-08	Mar-09	Yes	
FY2009	1	\$9,972,000	AFMC/WR-	-ALC	OPT/FFP	UNKNOWN	Apr-09	Dec-09	Yes	
	P-1 ITEM I 64	NO			PAGE NO: 7 - 6			Page	1 of 1	

BUDGET ITEM JUSTIFIC	ATION (EXHIBIT P-40)					DATE: FEBF	RUARY 2008	
APPROPCODE/BA:			P-1 NOMENC					
APAF/AIRCRAFT REPLACEME	NT SUPPORT EQUIPMENT (O&I)	BORESIGHT S'	YSTEM			,	
		FY2007	FY2008	FY2009	FY2010	FY2011	FY2012	FY2013
QUANTITY								
COST (in Thousands)		\$0	\$4,680	\$11,660	\$0	\$0	\$0	\$0
Description:	·							
i.e. Radar, Heads Up Display of Altitude Navigation and Target 2. Program entails the acquisitengagement, and agile combat current boresight legacy equip different Mission Design Serie technology with an eye on contimprove combat effectiveness cycle cost than existing system	eting Infrared for Night (Lant tion of a "common multiplat support by providing a faste ment is to be replaced with a es (MDS) with weapon speci- nmonality and interoperabilit , reduce maintenance worklo	irn) pods are u form" boresight, simpler method system which fic station adapty y across Service	ht system which hod of boresight should share co pters and/or soft ces to reduce log	advances the ing weapon armon core caware. The repgistics footprin	ns system m core compet nd sensor sy apabilities w lacement bo nt and suppo	tencies of rapid stems on multip tith the ability to presight system ort/sustainment of	ine the flight of the global mobiling aircraft plate of reconfigure awill cutting educate. A new seconds	ty, precision forms. The across lge system would
3. Items requested in FY09 arbased on critical equipment ne			1	tems to be pro	ocured. Item	ns procured duri	ng execution i	may change
	P-1 ITEM NO		PAGE	NO:			Page 1 of	1

WEAPON SYSTEM COST ANALYSIS (EXHIBIT	ΓP-5)								DATE:	FEBRUA	ARY 20	800	
APPROPCODE/BA:			P-1 N	OMENCL	ATUR	E:		<u> </u>					
APAF/AIRCRAFT REPLACEMENT SUPPORT EQUIPMEN	NT (O&I)		BORE	SIGHT SY	STEM								
WEAPON SYSTEM	ID					FY200)7		FY200	8		FY200	9
COST ELEMENTS	CODE	QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST
F-16 ADAPTERS SET (DRS)	А							8	\$585,000	\$4,680			
COMMON MEASUREMENT SYSTEM F-15	А										1	\$660,000	\$660
DATA													\$11,000
TOTALS:								8		\$4,680	1		\$11,660
P-1 ITEM NO 64				PAGI	ENO: 7 - 8					Pa	age 1	of 1	

BUDGET PROCUREMENT	T HISTORY PLA	ANNING (EXHIBIT P-	-5A)			DATE: FE	BRUARY	2008	
APPROP CODE/BA: APAF/AIRCRAFT REPLACEMENT	NT SUPPORT EQI	JIPMENT ((O&I)		MENCLATURE	:				
ITEM NAME/ FISCAL YEAR	QTY.	UNIT COST	LOCATION (OF PCO	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION		DATE FIRST DEL.	SPECS AVAIL NOW	DATE REV. AVAIL
F-16 ADAPTERS SET (DRS)										
FY2008	8	\$585,000	AFMC/WR	-ALC	SS/FP	DRSTECHNOLOGIE OAKLAND, NJ	ES/ Apr-08	Jan-09	Yes	
COMMON MEASUREMENT SYSTEM F-15										
FY2009	1	\$660,000	AFMC/WR	-ALC	C/FFP W/OPT	TO BE DETERMINE	D Nov-08	Nov-09	Yes	
Cost information is in actual do										
	P-1 ITEM NO 64)			PAGE NO: 7 - 9			Page	1 of 1	

BUDGET ITEM JUSTIFICA	ATION (EXHIBIT P-40)					DATE: FEBR	UARY2008	
APPROPCODE/BA: APAF/AIRCRAFT REPLACEME	NT SUPPORT EQUIPMENT (O&I)		P-1 NOMENCL ADVANCED DIC		STATION			
		EV2007	EV2000	EV2000	EV2040	EV2011	EV2012	EV2042
OHANITITY		FY2007	FY2008	FY2009	FY2010	FY2011	FY2012	FY2013
QUANTITY								
COST (in Thousands)		\$17,473	\$19,163	\$18,484	\$16,751	\$5,742	\$0	\$0
Description:								
Digital Radar Electronic Warfa intermediate automatic test equation Test Program Sets (TPSs). The software, an interface test adaptate. This test station supports Be (ATE) presently supporting Besources and obsolescence caustantees. Items requested in FY09 are	Station (ADTS) is a single Commare Test Systems and Test Sets. A suipment that will checkout, align, and are required to perform the autoter (ITA), cables used to connect a vionics LRUs, and ultimately LRU/Shop Replaceable Unit (Seed by age of the equipment. The identified on the following P-5 and the eded to support current Air Force	ADTS is for and fault tomated to the ITA to impacts ERU) troub	isolate 134 avious esting and fault is the UUT, and B-1 mission capableshooting and	programmable nics Line Reposition of the supporting dotable bility for Glorepair is no longer	e, stimulus golaceable Unde Unit Unde ocumentation obal Attack nonger suppor	generating, responsits (LRUs). AD rest (UUT). And rest (UUT). And rest is a second transfer of the second transfer	onse measurin OTS interfaces A TPS consist utomatic test ninished manu	equipment
	P-1 ITEM NO		PAGE	NO:			Dogo 1 of	1
	64		7 -	10			Page 1 of	I

WEAPON SYSTEM COST	EAPON SYSTEM COST ANALYSIS (EXHIBIT P-5)												08	
APPROPCODE/BA: APAF/AIRCRAFT REPLACEMENT	NT SUPPORT EQUIPMEN	IT (O&I)			OMENCL NCED DIG			ATION						
							FY200	7		FY200	08	FY2009		9
WEAPON SYST		CODE	QTY	Unit TOTAL Cost COST		QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST
SELF TEST AND CALIBRATION (ITA)								\$144						
PRODUCTSUPPORTAGREEMENT								\$303						
TEST PROGRAM SET REHOST								\$15,519			\$19,163			\$18,484
ADV DIGITAL TEST STATION		А					1 \$1,507,000	\$1,507						
TOTALS:							1	\$17,473			\$19,163			\$18,484
	P-1 ITEM NO 64				PAGE	ENO: 7 - 11					Pa	age 1	of 1	

BUDGET PROCUREMENT	DGET PROCUREMENT HISTORY PLANNING (EXHIBIT P-5A)										
APPROP CODE/BA: APAF/AIRCRAFT REPLACEMEN	NT SUPPORT EQ	UIPMENT (0	O&I)		MENCLATURI CED DIGITAL TE						
ITEM NAME/ FISCAL YEAR	QTY.	UNIT COST	LOCATION C	OF PCO	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION		DATE FIRST DEL.	SPECS AVAIL NOW	DATE REV. AVAIL	
ADV DIGITAL TEST STATION											
FY2007(1)	1	\$1,507,000	AFMC/OC-	-ALC	DO/FFP	TERADYNE INC/NOF READING, MA	Dec-06	Dec-07			
(1) Contract FA8102-04-D-000	1 awarded 24 No	ov 2003 as a	an order type	contract	and may be exc	ercised through FY	08.				
	P-1 ITEM NC 64)			PAGE NO: 7 - 12			Page	1 of 1		

BUDGET ITEM JUSTIFICA	ATION (EXHIBIT P-40)					DATE : FEBR	UARY 2008					
APPROP CODE/BA:	,		P-1 NOMENCL									
APAF/AIRCRAFT REPLACEME	NT SUPPORT EQUIPMENT (O&I)		FLIGHT CONTROL TEST SET (FLCTS)									
		FY2007	FY2008	FY2009	FY2010	FY2011	FY2012	FY2013				
QUANTITY												
COST (in Thousands)		\$2,938	\$5,011	\$7,008	\$4,457	\$0	\$0	\$0				
line replacement unit (LRU). pilot relief modes (auto pilot) of the test set itself, self-tester (corpanel assembly) and special put. 2. Replacement of any of these flight as the T.O. directs the us. Command Technologies study replacement of test unit. This	ester maintains and tests the Autor The AFCS provides functions of post altitude hold, pitch roll, yaw, and offin tester), remote controller (enautose cables. The components and/or pilot reported se of the FLTS as a diagnostic tool which included obsolescence and recommendation coincides with catics and timing circuits rules out retains a second recommendation coincides with catics and timing circuits rules out retains a second recommendation coincides with catics and timing circuits rules out retains a second recommendation coincides with catics and timing circuits rules out retains a second recommendation coincides with catics and timing circuits rules out retains a second recommendation coincides with catics and timing circuits rules out retains a second recommendation coincides with catics and timing circuits rules out retains a second recommendation coincides with catics and timing circuits rules out retains a second recommendation coincides with catics and timing circuits rules out retains a second recommendation coincides with catics and timing circuits rules out retains a second recommendation coincides with catics and timing circuits rules out retains a second recommendation coincides with catics and timing circuits rules out retains a second recommendation coincides with catics and timing circuits rules out retains a second recommendation coincides with catics and timing circuits rules out retains a second recommendation coincides with catics and cat	oitch, roll, nd take of ables oper d discrepa d diminist oncerns o	, and yaw control of trim. The CAS ration of the test ancy (Deviations and aircraft requir hing manufactur of current AFCS	I augmentation is the primate set from airce from Flight) the FLTS for ding sources a specific LRU	on through the control sy craft cockpit) , requires cheliagnostics are analysis, the reconstruction	ne Control Augnostem for the aircontrol control nentations Systematric The test ase (includes a second test as a second te	stem (CAS), t set includes a control tester prior to t. Based on rategy was					
-	e identified on the following P-5 a oport current Air Force mission red		_	tems to be pro	ocured. Item	s procured durin	ng execution n	nay change on				
	P-1 ITEM NO 64		PAGE 7 -	NO: 13			Page 1 of	1				

WEAPON SYSTEM COST ANALYSIS (EXHIBIT P-5)									ATE:	FEBRUA	ARY 20	08	
APPROPCODE/BA: APAF/AIRCRAFT REPLACEMENT SUPPOR	P-1 NOMENCLATURE: FLIGHT CONTROL TEST SET (FLCTS)												
WEAPON SYSTEM	ID				FY2007		FY2008			FY2009			
COST ELEMENTS	CODE	QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST
FLIGHTS CNT TEST SET	A				10	\$264,458	\$2,645	17	\$270,352	\$4,596	24	\$275,999	\$6,624
NON-RECURRING ENGINEERING							\$124			\$120			\$154
DATA							\$100			\$75			\$80
1ST FIRST ARTICLE TESTING										\$80			
TRAINING							\$70			\$140			\$150
TOTALS:							\$2,938			\$5,011			\$7,008
Remarks: Total Cost information is in thousands of					- NO								
P-1 ITE				PAGE 7	ENO: ' - 14					Pa	age 1 c	of 1	

BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P-5A) DATE: FEBRUARY 2008 P-1 NOMENCLATURE: **APPROP CODE/BA:** FLIGHT CONTROL TEST SET (FLCTS) APAF/AIRCRAFT REPLACEMENT SUPPORT EQUIPMENT (O&I) **DATE SPECS** DATE CONTRACT ITEM NAME/ UNIT **CONTRACTOR** AWD. **FIRST** AVAIL REV. QTY. **LOCATION OF PCO METHOD & FISCAL YEAR COST AND LOCATION DATE** DEL. NOW **AVAIL TYPE** FLIGHTS CNT TEST SET FY2007 **BOEING AEROSPACE/ST** 10 \$264,458 AFMC/WR-ALC SS/FFP Sep-07 Nov-08 LOUIS, MO FY2008 17 \$270,352 AFMC/WR-ALC C/FFP W/OPT TO BE DETERMINED Mar-08 Apr-09 Yes FY2009 \$275,999 AFMC/WR-ALC OPT/FFP TO BE DETERMINED 24 Mar-09 Jan-10 Yes **Remarks:** Cost information is in actual dollars.

P-1 ITEM NO

64

PAGENO:

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Page 1 of 1

BUDGET ITEM JUSTIFIC	CATION (EXHIBIT P-40)					DATE: FEBF	RUARY 2008	
APPROPCODE/BA:			P-1 NOMENCI			,		
APAF/AIRCRAFT REPLACEM	ENT SUPPORT EQUIPMENT (O&I)) S	STORES SYST	EM TESTER -	INTERMEDIA	ATE 	1	
		FY2007	FY2008	FY2009	FY2010	FY2011	FY2012	FY2013
QUANTITY								
COST (in Thousands)		\$6,081	\$13,087	\$7,451	\$0	\$0	\$0	\$0
Description:								
Tester shortages are creating manufacturing sources (DMS) 2. The current test set is unemore difficult to repair, and a maintenance will lag, impact	hers, pylons, bomb racks, gun poor severe limitations on mission access. Procurement of the SSTI fills conomical to maintain due to observe no longer reliable in determining timely weapons loading on the	complishment the existing to olete and outo ng the cause of e aircraft; thu	Procurement ester shortages lated parts. Out of AME failures reducing F-2	t of existing to and preclude older test sets a replaced to mission cap	esters is not es further DN are failing at cement teste bability.	an option due to MS complication higher rates, are is not made av	o diminishing ns. e becoming in vailable, essent	creasingly tial AME
_	are identified on the following P-5 needed to support current Air Ford	-		tems to be pro	ocured. Item	is procured duri	ng execution i	nay change
	P-1 ITEM NO		PAGE				Page 1 of	1
	64		/ -	- 16			9	

WEAPON SYSTEM COST ANALYSIS (EXHIBIT	P-5)							D	ATE:	FEBRUA	ARY20	08	
APPROPCODE/BA:			P-1 NOMENCLATURE:										
APAF/AIRCRAFT REPLACEMENT SUPPORT EQUIPMENT	Γ (Ο&Ι)		STORES SYSTEM TESTER - INTERMEDIATE										
WEAPON SYSTEM	ID					FY200	FY2007		FY2008			FY2009)
COST ELEMENTS	CODE	QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST
STORES SYSTEM TESTER - INTERMEDIATE LEVEL	А				18	\$337,833	\$6,081	33	\$396,590	\$13,087	16	\$443,614	\$7,098
DATA/TRAINING													\$353
TOTALS:					18		\$6,081	33		\$13,087	16		\$7,451
					TNO								
P-1 ITEM NO 64				PAGE	ENO: 7 - 17					Pa	age 1 d	of 1	

BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P-5A) DATE: FEBRUARY 2008 P-1 NOMENCLATURE: APPROPCODE/BA: APAF/AIRCRAFT REPLACEMENT SUPPORT EQUIPMENT (O&I) STORES SYSTEM TESTER - INTERMEDIATE **DATE SPECS** DATE CONTRACT ITEM NAME/ UNIT **CONTRACTOR** AWD. **FIRST** AVAIL REV. QTY. **LOCATION OF PCO METHOD &** COST **FISCAL YEAR AND LOCATION DATE** DEL. NOW **AVAIL TYPE** STORES SYSTEM TESTER -INTERMEDIATE LEVEL(1) FY2007 BAESYSTEMS/NASHUA, 18 \$337,833 DO/IDIQ Jan-07 Jun-08 AFMC/OO-ALC FY2008 BAE SYSTEMS/NASHUA, 33 DO/IDIQ Nov-07 \$396,590 AFMC/OO-ALC May-09 NH FY2009 BAE SYSTEMS/NASHUA, DO/IDIQ Nov-08 16 \$443.614 AFMC/OO-ALC May-10 Yes **Remarks:** Cost information is in actual dollars. (1) This 5 year IDIQ contract, FA8212-04-D-0014, was awarded 7 Sep 04. P-1 ITEM NO **PAGENO:**

UNCLASSIFIED

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Page 1 of 1

BUDGET ITEM JUSTIFICA	ATION (EXHIBIT P-40)				DATE: FEBR	RUARY 2008					
APPROPCODE/BA:		P-1 NOMENC	LATURE:								
APAF/AIRCRAFT REPLACEME	NT SUPPORT EQUIPMENT (O&I)	STORES SYSTEM TESTER - ORGANIZATION LEVEL									
	FY200	7 FY2008	FY2009	FY2010	FY2011	FY2012	FY2013				
QUANTITY											
COST (in Thousands)	\$7,778	\$14,325	\$15,062	\$4,251	\$0	\$0	\$0				
Description:			1								
functional and fault isolation to on mission accomplishment. If fills existing tester shortages are 2. The current test set is uneco- more difficult to repair, and are SMS maintenance will lag, impact.	Organizational (SSTO) replaces the Storests on the F-16 aircraft. Tester sustainable rocurement of existing testers is not an orand precludes further DMS complications. On omical to maintain due to obsolete and eno longer reliable for determining the capacting timely weapons loading on the air eidentified on the following P-40A and a ment needed to support current Air Force	pility, parts obsole option due to diminate outdated parts. Cause of F-16 SMS rcraft; thus reducing re representative	older test sets failures. If a ng F-16 miss	resulting testeral social sectoring social are failing at a replacement sion capability	er shortages are ources (DMS). Purces (DMS). Purces higher rates, are tester is not may.	creating sever rocurement of e becoming in ade available,	e limitations f the SSTO acreasingly essential				
	P-1 ITEM NO 64	PAGE	NO: - 19			Page 1 of	1				

BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITEMS (EXHIBIT P-40A)	DATE:	FEBRUARY 2008
· · · · · · · · · · · · · · · · · · ·		

APPROPCODE/BA:

P-1 NOMENCLATURE:

APAF/AIRCRAFT REPLACEMENT SUPPORT EQUIPMENT (O&I)

STORES SYSTEM TESTER - ORGANIZATION LEVEL

	ID				FY2007		FY2008		2009
PROCUREMENTITEMS	CODE	QTY.	COST	QTY.	COST	QTY.	COST	QTY.	COST
STORES SYSTEM TESTER - ORGANIZATION LEVEL	А			28	\$7,778	50	\$14,325	47	\$15,062
TOTALS:				28	\$7,778	50	\$14,325	47	\$15,062

Remarks:

Cost information is in thousands of dollars.

P-1 ITEM NO 64	PAGE NO: 7 - 20	Page 1 of 1

BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P-5A) APPROP CODE/BA: APAF/AIRCRAFT REPLACEMENT SUPPORT EQUIPMENT (O&I) P-1 NOMENCLATURE: STORES SYSTEM TESTER - ORGANIZATION LEVEL

ITEM NAME/ FISCAL YEAR	QTY.	UNIT COST	LOCATION OF PCO	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWD. DATE	DATE FIRST DEL.	SPECS AVAIL NOW	DATE REV. AVAIL
STORES SYSTEM TESTER - ORGANIZATION LEVEL(1)									
FY2007	28	\$277,783	AFMC/OO-ALC	DO/IDIQ	BAE SYSTEM/ NASHUA, NH	Jan-07	Jul-08		
FY2008	50	\$286,506	AFMC/OO-ALC	DO/IDIQ	BAE SYSTEM/ NASHUA, NH	Nov-07	May-09		
FY2009	47	\$320,477	AFMC/OO-ALC	DO/IDIQ	BAE SYSTEM/ NASHUA, NH	Nov-08	May-10	Yes	

Remarks:

Cost information is in actual dollars.

(1) This 5 year IDIQ contract, FA8212-04-D-0014, was awarded 7 Sep 04.

P-1 ITEM NO	PAGENO:	Page 1 of 1
64	7 - 21	l age i oi i

BUDGET ITEM JUSTIFICA	TION (EXHIBIT P-40)				DATE: FEBR	UARY 2008				
APPROP CODE/BA:		P-1 NOMENCLATURE:								
APAF/AIRCRAFT REPLACEMEN	NT SUPPORT EQUIPMENT (O&I)	ITEMS LESS TH	IAN \$5 MILLI	ON						
	FY2007	FY2008	FY2009	FY2010	FY2011	FY2012	FY2013			
QUANTITY										
COST (in Thousands)	\$26,629	\$22,612	\$35,224	\$46,157	\$45,690	\$55,225	\$39,145			
Description:					·					
production aircraft. Common is maintenance and servicing requod of over 2,800 national stock numbers. Items requested in FY09 are	lion line procures replacement organization tems (used on more than one weapon systements. These replacement items ensurable moderned (NSN) items as well as numerous identified on the following P-40A-IL and nent needed to support current Air Force in the following P-40A-IL and nent needed to support current Air Force in the following P-40A-IL and nent needed to support current Air Force in the following P-40A-IL and necessary the following P-40A-IL an	tem) and peculiar re continuation of items which are d are representative	items (uniq serviceable non-stock li	ue to one wea equipment or sted (NSL).	pon system) dir ver the life of a	ectly support a weapon syster	aircraft m, and consist			
	P-1 ITEM NO 64	PAGE 7 -	NO: 22			Page 1 of	1			

BUDGET ITEM JUSTIFICA	DATE : FEBRUARY2	800				
APPROP CODE/BA: APAF/AIRCRAFT REPLACE	MENT SUPPORT E	QUIPMENT (O&I)	P-1 NOMENCLATUR ITEMS LESS THAN \$5			
					FY200	9
PROCUREMENTITEMS		NSN	QTY.	COST	QTY.	COST
MAJOR PROCUREMENTS						
RADIO FREQUENCY TRANSMITTER L (RFTLTS)	INETESTSTATION	6625013991757RH			5	\$4,141
30 MM AMMUNITION LOADER GFU 7		1730010648482			4	\$4,889
225KW GENERATOR SET		6115013068342ID			1	\$1,374
TEST SET, TRANSPONDER		6625014584627TG			35	\$428
COMMON AIRCRAFT PORTABLE REPI EQUIPMENT	ROGRAMMING	6625014569083			1	\$354
MINOR PROCUREMENTS (GROUPED	BYFSC)					
FSC 1560 AIRCRAFT STRUCTURAL CO	OMPONENTS				11	\$1,728
FSC 1730 AIRCRAFT GROUND SERVIO	CING EQUIPMENT				40	\$2,720
FSC 2835 GAS TURB & JET ENGINES,	ACFT & COMP				3	\$938
FSC 3655 GAS GENERATING AND DIS	SPENSING SYSTEMS				5	\$818
FSC 3950 WINCHES, HOISTS, CRANE	S AND DERRICKS				5	\$774
FSC 4120 AIR CONDITIONING EQUIPM	/IENT				5	\$2,359
	P-1 ITEM NO		PAGE NO: 7 - 23		Page 1	of 2

BUDGET ITEM JUSTIFICA	DATE: FEBRUARY	′2008								
APPROP CODE/BA: APAF/AIRCRAFT REPLACE	MENT SUPPORT EQUIP	P-1 NOMENCLATURE: ITEMS LESS THAN \$5 MILLION								
PROCUREMENTITEMS					FY2009					
		NSN	QTY.	COST	QTY.	COST				
FSC 4130 REFRIGERATION & AIR COM	ND COMPONENTS				24	\$1,230				
FSC 4920 AIRCRAFT MAINT SHOP SP	ECIALIZED EQP				21	\$4,057				
FSC 4930 LUBRICATION & DISPENSIN	G EQUIPMENT				3	\$1,424				
FSC 4940 MISC MAINTENANCE & SHO	P SPECIALIZED EQP				24	\$2,222				
FSC 6625 ELECT & ELCTRONIC PROP	ERTIES INSTRUMENT				4	\$2,940				
FSC 6635 PHYSICAL PROPERTIES TE	STING EQUIP				3	\$1,476				
FSC 6695 COMBINATION & MISCELLA	NEOUS INSTRUMENTS				23	\$1,352				
TOTALS:						\$35,224				
Remarks: Cost information is in thousand	ds of dollars.									
	P-1 ITEM NO		PAGE NO: 7 - 24		Page	2 of 2				

FY 2009 BUDGET ESTIMATES BP 13 – POST PRODUCTION SUPPORT FEBRUARY 2008

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Exhibit P-40, Budget Item Justification	Date: February 2008
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number	P-1 Line Item Nomenclature
Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support	rt Equipment and B-1 Post Prod Support
Facilities, Item No. 65	

,											
Program Element for Code B Items: 11126F				Other Related Program Elements:				64226f; 11126f			
	ID Code	Prior Years	Prior Years FY 2007 FY 2008 I			FY 2010 FY 2011 FY 2012		FY 2013	To Comp	Total	
Proc Qty	A										0
Total Proc Cost (\$ M)			10.279	0.000	0.000	0.000	0.000	0.000	0.000		10.279

Description

- 1. The Advanced Digital Test Station (ADTS) is a single Commercial Off The Shelf (COTS) system that replaces 1970s vintage Digital Analog Video and Digital Radar Electronic Warfare Test Systems and Test Sets. ADTS is fully automated, programmable, stimulus generating, response measuring, intermediate automatic test equipment that will checkout, align, and fault isolate 134 avionics Line Replaceable Units (LRUs). ADTS interfaces to LRUs via Test Program Sets (TPSs). TPSs are required to perform the automated testing and fault isolation of the Unit Under Test (UUT). A TPS consists of test software, an interface test adapter (ITA), cables used to connect the ITA to the UUT, and supporting documentation.
- 2. This test station supports B-1 avionics LRUs, and ultimately impacts B-1 mission capability for Global Attack missions. Failure to provide funding for ADTS will reduce B-1 mission capability due to non-availability of serviceable assets. The Combat Air Force considers ADTS a top priority. The automatic test equipment (ATE) presently supporting B-1 LRU/Shop Replaceable Unit (SRU) troubleshooting and repair is no longer supportable due to diminished manufacturing sources and obsolescence caused by age of the equipment

FY 2009 Program Justification

N/A

P-1 Shopping List Item No. 65

Budget Item Justification Exhibit P-40, page 1 of 2

Exhibit P-5, Weapon System Cost Analysis						Date: February 2008						
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number						P-1 Line Item Nomenclature						
Aircraft Procurement, Air Force, Budget	Activity 07	7. Aircraf	ft Support	Equipmen	t and	B-1 Post Prod Support						
Facilities, Item No. 65	•	•	• •					• •				
Manufacturer's Name/Plant City/State Location				Subline Item								
W. 0	T 71	ı			Total Cost in Millions of Dollars							
Weapon System	Ident Code		EV 2007		Total Co		f Dollars		EV 2000			
Cost Elements			FY 2007			FY 2008			FY 2009			
		Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost		
Avionics	A											
Armament	A											
Software	A											
Other Government Furnished Equipment (GFE)	A											
Engineering Change Orders (ECO)	A											
Nonrecurring Costs	A											
Other Costs	A											
FLYAWAY COST SUBTOTAL												
Airframe Peculiar Ground Support Equipment (PGSE)	A											
Engine PGSE	A											
Peculiar Training Equipment	A											
Publications/Technical Data	A											
ECOs	A											
Other	A											
SUPPORT COST SUBTOTAL												
Other Government Furnished Equipment (GFE)	A			0.162								
Depot Level Support Equipment	A			10.117								
MRSP's / Reprovisioning Spares	A											
OTHER SUPORT COSTS SUBTOTAL				10.279								
TOTAL PROGRAM				10.279								
Comments	•	•	•			•			•			
		D_1 Shann	ing List Item I	No. 65				Woonen S	ystem Cost A	nalveia		
		r-i ənoppi	ing List itelii i	NO. 00					ystem Cost <i>A</i> hibit P-5, pag			
								 _X	mon F-5, pag	C		

Exhibit P-40, Budget Item Justification	Date: February 2008
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number	P-1 Line Item Nomenclature
Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and	B-2A Post Prod Support
Facilities, Item No. 66	

. dominos, nom reco												
Program Element for Code B Items:		11127F	11127F			Other Related Program Elements:				N/A		
	ID Code	Prior Years	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Comp	Total	
Proc Qty	A										0	
Cost (\$ M)			17.662					1.180	2.896		21.738	
Interim Ctr Support (\$ M)			29.662	34.545	36.783	31.011	21.810	13.224	8.766		175.801	
Advance Proc Cost (\$ M)											0.000	
Weapon System Cost (\$ M)		0.000	47.324	34.545	36.783	31.011	21.810	14.404	11.662	0.000	197.539	
Initial Spares (\$ M)											0.000	
Total Proc Cost (\$ M)		0.000	47.324	34.545	36.783	31.011	21.810	14.404	11.662	0.000	197.539	
Flyaway Unit Cost (\$ M)												
Wpn Sys Unit Cost (\$ M)			17.662					1.180	2.896			

Description

- Post Production Support funds are used for the following requirements:
- -- Maintain software lab capabilities. The B-2 lab is a one-of-a-kind facility that develops, maintains, integrates, and tests the B-2 Spirit software. No other facility exists that can perform all of these functions. The B-2 lab combines flight controls, radar, weapons, navigation, traffic control, communications, flight management, external interfaces, and defensive management functionality in a lab environment. This funding will also acquire upgrades, integration, and testing of obsolete lab equipment.
- -- Depot Activation for B-2 components as directed by HQ AFMC via the Source of Repair Assignment Process (SORAP). Funds will initiate depot activation execution of organic repair capability to include purchase of hardware/software support equipment and replacement of non-stock listed obsolete parts.
- -- Procurement of non-stock listed piece parts and other peculiar support equipment.

Funds will be applied to maintain software lab capabilities and peculiar support equipment and non-stocklisted piece parts in support of the B-2 mission. In addition, depot activation of the avionics items (HQ AFMC directed for organic transition (i.e. Engine Start Control Unit (ESCU), Radar Signal Processor (RSP), Flight Control Comp (FCC), Radar Data Processor (RDP), etc.) would begin in FY08 as originally requested.

This program has associated Research Development Test and Evaluation funding in PE 64240F

FY 2009 Program Justification

Beginning in FY09, Depot Activation requirements are funded from Other Procurement; all other PPS requirements will continue to be funded from PPS.

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

P-1 Shopping List Item No. 66

Budget Item Justification Exhibit P-40, page 1 of 2

Exhibit P-5, Weapon System Cost Analysis			UNCLASE)II ILD			Date	e: Februai	ry 2008			
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Numb	er					P-1 Line Item Nomenclature						
Aircraft Procurement, Air Force, Budget		7, Aircra	ft Support	Equipmen	t and		B-2A Post Prod Support					
Facilities, Item No. 66												
Manufacturer's Name/Plant City/State Location				Subline Item								
Northrop Grumman CForp., B-2 Division, Pico Rivera, Ca												
Weapon System	Ident			•	Total C	ost in Millions o	of Dollars					
Cost Elements	Code		FY 2007			FY 2008			FY 2009			
		Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost		
Avionics	A											
Armament	A											
Software	A											
Other Government Furnished Equipment (GFE)	A											
Engineering Change Orders (ECO)	A											
Nonrecurring Costs	A											
Other Costs	A											
FLYAWAY COST SUBTOTAL												
Airframe Peculiar Ground Support Equipment (PGSE)	A											
Engine PGSE	A											
Peculiar Training Equipment	A			0.100								
Common Support Equipment	A			0.100								
Publications/Technical Data	A											
S/W & H/W Investment				14.672								
Progm Mngt & Rqts				2.790								
ECOs	A											
Other	A											
SUPPORT COST SUBTOTAL				17.662								
INTERIM CONTRACTOR SUPPORT (ICS)				29.662			34.545			36.783		
TOTAL PROGRAM				47.324			34.545			36.783		
Comments												
					_							

P-1 Shopping List Item No. 66

Weapon System Cost Analysis Exhibit P-5, page 2 of 2

Exhibit P-40, Budget Item Justification	Date: February 2008
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number	P-1 Line Item Nomenclature
Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and	B-2A ICS
Facilities, Item No. 67	

i aciilles, itelii 140. 07											
Program Element for Code B Items:		N/A11			Other Related Program Elements:				N/A		
	ID Code	Prior Years	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Comp	Total
Proc Qty	A										0
Cost (\$ M)											0.000
Interim Ctr Support (\$ M)			29.662	34.545	36.783	31.011	21.810	13.224	8.766		175.801
Advance Proc Cost (\$ M)											0.000
Weapon System Cost (\$ M)		0.000	29.662	34.545	36.783	31.011	21.810	13.224	8.766	0.000	175.801
Initial Spares (\$ M)											0.000
Total Proc Cost (\$ M)		0.000	29.662	34.545	36.783	31.011	21.810	13.224	8.766	0.000	175.801
Flyaway Unit Cost (\$ M)											
Wpn Sys Unit Cost (\$ M)			29.662	34.545	36.783	31.011	21.810	13.224	8.766		179.434

Description

Interim Contractor Support (ICS) provides and maintenance and repair capability for depot level reparables (DLRs) to meet Air Combat Command (ACC) operational requirements for the B-2 weapon system. The ICS program is a comprehensive repair capability repairing 369 different line replaceable units (LRUs), shop replaceable units (SRUs), airframe structures, hydro-mechanical components, and avionics components until permanent depot capability is established. ICS funds will fund repairs until all components are depot activated. The current 369 LRUs should transition in their entirety by FY2016, barring any deferment/slippage of depot activation funding.

This program has associated Research Development Test and Evaluation (RDT&E) funding in PE 64240F.

FY 2009 Program Justification

ICS funding requirements continue due to deferment/delays in depot activation funds in prior years. Depot activation is currently funded from FY09-11 in Other Procurement. ICS requirements will continue until depot activation is completed in 2016. Without the ICS funding, Total Not Mission Capable for Supply (TNMCS) rates will increase and Aircraft Availability Improvement Program (AAIP) goals will not be met.

Items requested in FY09 are identified on the following P-5 is representative of items to be procured. Items procured during execution may change based on critical equipment needed to support current Air Force mission requirements

P-1 Shopping List Item No. 67

Exhibit P-5, Weapon System Cost Analysis			UNCLASS	DIFIED			Dat	te: Februa	rv 2008	
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Not Aircraft Procurement, Air Force, Budg Facilities, Item No. 67		P-1 Line Item Nomenclature B-2A ICS								
Manufacturer's Name/Plant City/State Location	Subline Item									
Weapon System	Ident				Total Co	ost in Millions o	f Dollars			
Cost Elements	Code		FY 2007	2007		FY 2008				
		Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost
Interim Contractor Support		<u> </u>		29.662	Ψ.,		34.545			36.78
TOTAL PROGRAM				29.662		34.545				36.78
Comments										

P-1 Shopping List Item No. 67

Weapon System Cost Analysis Exhibit P-5, page 2 of 2

Exhibit P-40, Budget Item Justification	Date: February 2008
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number	P-1 Line Item Nomenclature
Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and	B-52 SQUADRONS
Facilities, Item No. 68	

,											
Program Element for Code B Items:		N/A			Other Related Program Elements:				010113F		
	ID Code	Prior Years	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Comp	Total
Proc Qty	A										0
Total Proc Cost (\$ M)			8.049	0.000	0.000	0.000	0.000	0.000	0.000		8.049

Description

Developed under the Integrated Conventional Stores Management System (ICSMS). The tester, termed: Multi-Use System Tester Armament - Next Generation or MUSTANG, combines the test capabilities of three separate testers: Off-Aircraft Pylon Tester (OAPT), Ground Weapons Maintenance Tester (GWM-9) and Weapons Pre load Tester (WPT). The OAPT is utilized to certify the common pylons for conventional and MIL-STD-1760 weapons release every 180 days. The WPT tests aircraft nuclear and conventional (MIL-STD-1760 conventional munitions) launcher/weapon control systems. The GWM-9 tests legacy conventional weapon control and suspension systems.

This program has associated Research Development Test and Evaluation funding in PE 11113F.

FY 2009 Program Justification

N/A

P-1 Shopping List Item No. 68

Exhibit P-5, Weapon System Cost Analysis							Da	te: Februaı	ry 2008		
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Nu Aircraft Procurement, Air Force, Budg		7. Aircraft	Support	P-1 Line Item Nomenclature Equipment and B-52 SQUADRONS							
Facilities, Item No. 68	•	,		-11-							
Manufacturer's Name/Plant City/State Location		Subline Item									
Boeing IDS/Wichita/KS											
Weapon System		Total Cost in Millions of Dollars									
Cost Elements	Code		FY 2007			FY 2008			FY 2009		
				Total			Total			Total	
		Qty	Unit Cost	Cost	Qty	Unit Cost	Cost	Qty	Unit Cost	Cost	
Support Equipment	A	7	1.023	7.160							
Engineering Change Orders (ECO)	A										
Nonrecurring Costs	A										
Other Costs	A			0.664							
Publications/Technical Data	A			0.225							
SUPPORT COST SUBTOTAL											
TOTAL PROGRAM				8.049							
Comments	•					<u> </u>					

P-1 Shopping List Item No. 68

Weapon System Cost Analysis Exhibit P-5, page 2 of 2

Exhibit P-40, Budget Item Justification	Date: February 2008			
Appropriation (Treasury) Code/CC/BA/BSA/Item Control I	P-1 Line Item Nomenclature			
Aircraft Procurement, Air Force, Bud Facilities, Item No. 69	C-5 Post Prod Support			
Program Element for Code B Items:	ts:	N/A		

Program Element for Code B Items:		N/A			Other Related Program Elements:				N/A		
	ID Code	Prior Years	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Comp	Total
Proc Qty	A										0
Total Proc Cost (\$ M)			0.000	18.153	18.210	12.000	0.000	0.000	0.000		48.363

Description

FY03-FY07 budget numbers do not reflect the DoD Strategic Review Results. Funds buy one C-5 simulator for the Air National Guard as 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. Funding supports the procurement of one (1) C-5 simulator for the Air National Guard.

FY 2009 Program Justification

Funding supports the procurement of one (1)) C-5 simulator for the Air National Guard.
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P-1 Shopping List Item No. 69

Exhibit P-5, Weapon System Cost Analysis							Date	e: Februar	y 2008	
Appropriation (Treasury) Code/CC/BA/BSA/Item Control N Aircraft Procurement, Air Force, Budg Facilities, Item No. 69	ft Support	Equipme	nt and		em Nomenclatui st Prod Su					
Manufacturer's Name/Plant City/State Location		Subline Item								
Weapon System		<u> </u>	Total Co	ost in Millions o	of Dollars					
Cost Elements	Code		FY 2007			FY 2008			FY 2009	
		Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost
Peculiar Training Equipment	A									
Publications/Technical Data	A									
ECOs	A									
Other							18.153			18.210
SUPPORT COST SUBTOTAL										
TOTAL PROGRAM					18.153			18.210		
Comments										

P-1 Shopping List Item No. 69

Weapon System Cost Analysis Exhibit P-5, page 2 of 2

Exhibit P-40, Budget Item Justification	Date: February 2008
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number	P-1 Line Item Nomenclature
Aircraft Procurement, Air Force, Budget Activity 05, Modification of Inservice Aircraft,	C-21 Post Prod Suppport
Item No. 70	

Program Element for Code B Items:		N/A			Other Related Program Elements:				84742F		
	ID Code	Prior Years	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Comp	Total
Proc Qty	A										0
Total Proc Cost (\$ M)			0.000	0.000	19.025	0.000	0.000	0.000	0.000		19.025

Description

A suite of Ground Based Training System (GBTS) devices will be acquired to use with the T-1 aircraft to support Combat System Officer (CSO) training. These will include low-level part-task devices, comprised of only the radar and the Flight Management System (FMS). These devices will enable the student to learn how to use radar while running a mission. The other devices will provide higher level aircrew training. They will replicate the flight deck and allow the student to learn copilot duties as well as practice running the mission with another crew member prior to actual flight.

For FY09 we have requested a ZBT. The total in this document will not match the P-1 document.

Funding document is unexecuteable. The Air Force requests \$19.025M originally programmed in this P-1 line be appropriated in P-1 line 77 for proper execution.

FY 2009 Program Justification

Acquire two high-level T-1 CSO training devices for use at the joint training facility at NAS Pensacola FL.

P-1 Shopping List Item No. 70

Exhibit P-5, Weapon System Cost Analysis Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number	Date: February 2008 P-1 Line Item Nomenclature										
Aircraft Procurement, Air Force, Budget Item No. 70		5, Modifi	cation of I						t		
Manufacturer's Name/Plant City/State Location				Subline Item	l	•					
W. G.	т1 .	I			T 1.C	. ACH					
Weapon System Cost Elements	Ident Code		FY 2007		Total Cos	st in Millions of Dollars FY 2008			FY 2009		
Cost Elements	Code		1.1 2007	Total		11 2008	Total		1 2009	Total	
		Qty	Unit Cost	Cost	Qty	Unit Cost	Cost	Qty	Unit Cost	Cost	
Avionics		()			()						
Armament											
Software											
Other Government Furnished Equipment (GFE)											
Engineering Change Orders (ECO)											
Nonrecurring Costs											
Other Costs											
FLYAWAY COST SUBTOTAL											
Airframe Peculiar Ground Support Equipment (PGSE)											
Engine PGSE											
Peculiar Training Equipment											
Publications/Technical Data											
ECOs											
Other										19.025	
SUPPORT COST SUBTOTAL										19.025	
TOTAL PROGRAM										19.025	
Comments		<u>l</u>	1.	1.	l				<u> </u>		
		P-1 Shopp	ing List Item I	No. 70					ystem Cost A hibit P-5, pag		

Exhibit P-40, Budget item Justification	Date: February 2008
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number	P-1 Line Item Nomenclature
Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and	C-130 Post Prod Support
Facilities, Item No. 71	
Due many Element for Code D Items. 41115E Other Deleted Due grown Element	44011E

Program Element for Code B Items:		41115F			Other Related Program Elements:				44011F		
			FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Comp	Total
Proc Qty	A										0
Total Proc Cost (\$ M)		24.421	0.000	19.198	0.000	0.000	0.000	0.000	0.000		43.619

Description

In support of OPERATION ENDURING FREEDOM, the need for additional AC-130U force structure resulted in Dec 01 DEPSECDEF PDM IV which directed the procurement of 4 additional AC-130Us. USSOCOM agreed to purchase the aircraft and fund AFSOC-related equipment and avionics. USAF agreed to accept acquisition management and fund C-130-common equipment and avionics. This funding provides for common support equipment for these 4 aircraft.

Congress added \$2.4M in FY08 for Project RAINCOAT post production support.

FY 2009 Program Justification

P-1 Shopping List Item No. 71

Exhibit P-5, Weapon System Cost Analysis		Date: February 2008								
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number	er		P-1 Line Ite	em Nomenclatu	re					
Aircraft Procurement, Air Force, Budget	Activity 07	7. Aircraf	ft Support	Equipme	nt and	C-130 F	Post Prod	Suppor	t	
Facilities, Item No. 71	,	,	• •	• •				• •		
				G 111 T						
Manufacturer's Name/Plant City/State Location				Subline Item						
XX							CD 11			
Weapon System	Ident		EX. 2007		Total Co		n Millions of Dollars			
Cost Elements	Code		FY 2007			FY 2008		FY 2009		
		Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost
Avionics	A									
Armament	A									
Software	A									
Other Government Furnished Equipment (GFE)	A									
Engineering Change Orders (ECO)	A									
Nonrecurring Costs	A									
Other Costs	A									
FLYAWAY COST SUBTOTAL										
Airframe Peculiar Ground Support Equipment (PGSE)	A									
Engine PGSE	A									
Peculiar Training Equipment	A									
Publications/Technical Data	A									
ECOs	A									
Other	A									
AN/APN-241 ICS										
AN/APN-241 DEPOT ACTIVATION										
C-130H3 ICS										
AC-130U							16.798			
SOF Conversion										
Project RAINCOAT							2.400			
SUPPORT COST SUBTOTAL										
TOTAL PROGRAM							19.198			
Comments										
		P-1 Shonni	ng List Item I	No. 71			V	Veapon S	ystem Cost A	nalysis
		- · · - - - -	J :::::::::				-		hibit P-5, pag	

Exhibit P-40, Budget Item Justification	Date: February 2008
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number	P-1 Line Item Nomenclature
Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and	EC-130J
Facilities, Item No. 72	

Program Element for Code B Items:		N/A			Other Related Program Elements:				N/A			
	ID Code	Prior Years	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Comp	Total	
Proc Qty	A	0									0	
Total Proc Cost (\$ M)		0.000	0.000	5.311	5.382	5.378	0.000	0.000	0.000		16.071	

Description

The EC-130J Commando Solo conducts information operations, psychological operations and civil affairs broadcasts in AM, FM, HF, TV and military communications bands. A typical mission consists of a single-ship orbit offset from the desired target audience -- either military or civilian personnel. The EC-130J is a highly modified C-130J and the modifications include 60/90 KVA generator systems. The new generator system involves extensive modification to the USAF configuration Quick Engine Change (QEC) kit. Since the QEC is a two-level maintenance item, a separate/unique QEC must be spared/supported to sustain the fleet of EC-130J aircraft. The EC-130J fleet requires 3 additional EC-peculiar 60/90 KVA configuration QECs

FY 2009 Program Justification

Funds in FY09 will fully fund the procurement on one additional EC-130J QEC. The QEC will deliver in FY11.

P-1 Shopping List Item No. 72

Exhibit P-5, Weapon System Cost Analysis											
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Numb							m Nomenclatu	ire			
Aircraft Procurement, Air Force, Budget	Activity 0	7, Aircraf	ft Support	: Equipme	ent and	EC-130	J				
Facilities, Item No. 72											
Manufacturer's Name/Plant City/State Location				Subline Iten	n						
Lockheed Martin Aero - Marietta					PAC 13400C	3					
Weapon System	Ident					lost in Millions of Dollars					
Cost Elements	Code		FY 2007		FY 2008				FY 2009		
2000 2000000			1	Total			Total	-		Total	
		Qty	Unit Cost	Cost	Qty	Unit Cost	Cost	Qty	Unit Cost	Cost	
Avionics											
Armament											
Software											
Other Government Furnished Equipment (GFE)											
Engineering Change Orders (ECO)											
Nonrecurring Costs											
Other Costs											
FLYAWAY COST SUBTOTAL											
Airframe Peculiar Ground Support Equipment (PGSE)											
Engine PGSE											
Peculiar Training Equipment											
Publications/Technical Data											
ECOs											
Other						1 5.311	5.311	1	5.382	5.382	
SUPPORT COST SUBTOTAL											
TOTAL PROGRAM							5.311			5.382	
Comments	•	•	•	•	•		•				
Funding to procure 3 additional EC-130J QECs (1 per year	r) to support/s	ustain the 7	EC-130J aircr	aft fielded.							
		P-1 Shoppi	ing List Item	No. 72					stem Cost A		

Exhibit P-40, Budget Item Justification	Date: February 2008
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number	P-1 Line Item Nomenclature
Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and	F-15 Post Prod Support
Facilities, Item No. 73	

1 4.0													
Program Element for Code B Items:		N/A	//A			Other Related Program Elements:				n/a			
	ID Code	Prior Years	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Comp	Total		
Proc Qty	A										0		
Total Proc Cost (\$ M)		34.411	10.698	5.577	20.189	16.028	22.214	2.674	2.726	TBD	TBD		

Description

The program continues post-production support of the F15A-E fleet including Interim Contractor Support (ICS) for various air vehicle subsystems and the Electronic Systems Test Set (ESTS).

The F15A-D Eagle is a highly manuverable all-weather air superiority fighter. The F15E Strike Eagle retains the basic air-to-air capability of the F15 A-D Eagle, but adds a weapon systems operator (WSO), rear cockpit, conformal fuel tanks and advanced systems for all-weather, day/night, all-altitude, deep penetration air-to-surface attack.

This program has associated Research Development Test and Evaluation funding in PE 27134F.

FY 2009 Program Justification

Funding provides continuing support of the Electronic Systems Test Set (ESTS), and also provides Interim Contract Support (ICS) for repair of newly fielded assets until support decisions (SORAP) are implemented to establish the organic or contract repair for the equipment. Grounding of aircraft will result without this repair support

P-1 Shopping List Item No. 73

Exhibit P-5, Weapon System Cost Analysis

Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number Aircraft Procurement, Air Force, Budget Facilities, Item No. 73	ft Support	Equipmer	nt and		m Nomenclatu ost Prod S					
Manufacturer's Name/Plant City/State Location		Subline Item		•						
Weapon System	Ident				Total C	ost in Millions o	of Dollars			
Cost Elements		FY 2007			FY 2008			FY 2009		
				Total			Total			Total
		Qty	Unit Cost	Cost	Qty	Unit Cost	Cost	Qty	Unit Cost	Cost
Airframe Peculiar Ground Support Equipment (PGSE)	A			1.084			0.207			0.652
Engine PGSE	A			0.000			0.000			0.000
PPS	A			2.284			0.351			2.479
ICS (including ESTS)	A			3.400			4.409			12.700
Support Contracts	A			3.930			0.610			4.358
Plant Shutdown	A									
TOTAL PROGRAM				10.698			5.577			20.189
Comments			•	•			•			

P-1 Shopping List Item No. 73

Weapon System Cost Analysis Exhibit P-5, page 2 of 2

Date: February 2008

Exhibit P-40, Budget item Justification			Date: February 2008
Appropriation (Treasury) Code/CC/BA/BSA/Item Control	ol Number		P-1 Line Item Nomenclature
Aircraft Procurement, Air Force, Bu	ıdget Activity 07, Ai	ircraft Support Equipment and	F-16 Mods
Facilities, Item No. 74			
Program Flement for Code B Items:	N/A	Other Related Program Flement	ts. N/A

, and the second													
Program Element for Code B Items: N/A				Other Related Program Elements:						N/A			
	ID Code	Prior Years	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Comp	Total		
Proc Qty	A										0		
Total Proc Cost (\$ M)			12.196	19.323	13.623	20.311	20.610	21.016	21.426		128.505		

Description

The F-16 Fighting Falcon is the world's premier multi-mission fighter. It is a fixed-wing, high-performance, single-engine fighter aircraft. In its 29-year history, the F-16 has proven itself in combat in a variety of air-to-air and air-to-surface missions such as defense supression, armed reconnaissance, close air support, combat air patrol, forward air control, and battle air interdiction (day/night and all-weather). Also, during these years the aircraft has evolved in its capabilities to exploit the advances made in computer, avionics systems, engine, and structures technologies. The F-16 has been selected by over 20 air forces around the world.

This program has associated Research Development Test and Evaluation funding in PE 27133F.

FY 2009 Program Justification

Funding continues prime contract post production support, procurement of deferred peculiar ground support equipment, and activities associated with F-16 production line shutdown.

P-1 Shopping List Item No. 74

Exhibit P-5, Weapon System Cost Analysis							Date	e: Februa	ry 2008	
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Nu Aircraft Procurement, Air Force, Budg Facilities, Item No. 74	ft Support	Equipmer	nt and	P-1 Line Ite	m Nomenclatu ods	re				
Manufacturer's Name/Plant City/State Location				Subline Item						
Lockheed-Martin Tactical Aircraft Systems/Ft. Worth,	TX									
Weapon System	Ident			•	Total Co	ost in Millions o	f Dollars			
Cost Elements Code FY 2						FY 2008			FY 2009	
		Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost
Engine PGSE		-					0.010	-		0.010
Avionics PGSE				4.934			3.775			2.909
Peculiar Training Equipment	A									
ECOs	A			0.120			1.346			0.205
Mission Planning	A			1.484			0.250			0.520
ICS	A			2.958			1.000			0.200
ICSE & OI&D	A									
Reprogramming				2.400			0.779			
Production Line Shutdown	A			0.300			12.163			9.779
SUPPORT COST SUBTOTAL										
TOTAL PROGRAM				12.196			19.323			13.623
Comments			•							

P-1 Shopping List Item No. 74

Weapon System Cost Analysis Exhibit P-5, page 2 of 2

Eximple 1 40, Baaget item oastino	ation				Jato. I obiaa	.y 2 000						
Appropriation (Treasury) Code/CC/BA/BS/	A/Item Control	P-1 Lin	P-1 Line Item Nomenclature									
Aircraft Procurement, Air F	orce, Bud	Join	Joint Primary Aircraft Training System									
Facilities, Item No. 75	(JPA	TS)										
Program Element for Code B Items: N/A						ed Program E	ements:	s: 0604233F, 0804741F				
ID Code						EV 2010	EV 2011	EV 2012	EV 2012	To Comm	Total	

Program Element for Code B Items:		N/A			Other Relate	d Program Ele	ments:		0604233F, 08	604233F, 0804741F			
	ID Code	Prior Years	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Comp	Total		
Proc Qty	A										0		
Total Proc Cost (\$ M)		0.000	0.000	0.000	8.841	9.158	9.526	0.000	0.000	0.000	27.525		

Description

Post Production Support for the Joint Primary Aircraft Training System (JPATS) program. Includes program management, system engineering and prime contract Contract Data Requirements List items. The final Air Force JPATS T-6 aircraft buy occurs in FY 2008 with delivery in FY 2010. The final Air Force Aircrew Training Device (ATD) buy occurs in FY 2009.

Funding document is unexecuteable. The Air Force requests these funds be appropriated in Aircraft Initial Spares (P-1 line 63) for proper execution.

FY 2009 Program Justification

Exhibit P-40 Budget Item Justification

N/A

P-1 Shopping List Item No. 75

Budget Item Justification Exhibit P-40, page 1 of 2

Date: February 2008

Exhibit P-5, Weapon System Cost Analysis			Da	te: Februar	y 2008							
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Numb							m Nomenclat			ing System FY 2009 Total Cost 8.841 8.841		
Aircraft Procurement, Air Force, Budget Facilities, Item No. 75	Activity 07	7, Aircrat	ft Support	Equipme	nt and	Joint P	_	rcraft Tr	aining Sys	tem		
Manufacturer's Name/Plant City/State Location				Subline Item	1		-					
Hawker Beechcraft Corporation, Wichita KS												
Weapon System	Ident			L	Total Co	ost in Millions o	et in Millions of Dollars					
Cost Elements	Code		FY 2007			FY 2008						
		Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost			
Avionics		(3)			(3)			C ³				
Armament												
Software												
Other Government Furnished Equipment (GFE)												
Engineering Change Orders (ECO)												
Nonrecurring Costs												
Other Costs												
FLYAWAY COST SUBTOTAL												
Airframe Peculiar Ground Support Equipment (PGSE)												
Engine PGSE												
Peculiar Training Equipment												
Publications/Technical Data												
ECOs												
Other										8.841		
SUPPORT COST SUBTOTAL												
TOTAL PROGRAM										8.841		
Comments	•	•	•	•					-			
Raytheon sold the Raytheon Aircraft Company to Hawker	Beechcraft Cor	rporation in	FY2007.									
		P-1 Shoppi	ng List Item I	No. 75				Weapon S	ystem Cost A	nalysis		
								Ex	hibit P-5, pag	e 2 of 2		

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Exhibit P-40, Budget Item Justification	Date: February 2008
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number	P-1 Line Item Nomenclature
Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and	OTHER AIRCRAFT
Facilities, Item No. 76	

Program Element for Code B Items:		N/A			Other Relate	d Program Ele	ments:		,)207131F, 0101113F, 0101127F,)207223F, 0401130F, 41119F, 41115F			
	ID Code	Prior Years	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Comp	Total		
Proc Qty	A	0									0		
Total Proc Cost (\$ M)		0.000	0.000	101.207	48.593	196.271	203.669	170.936	75.998	TBD	TBD		

Description

Other Aircraft contains funding from two Program Elements that support two distinct programs.

- FULL COMBAT MISSION TRAINING (FCMT) is funded in PE 27701F, provides funds to procure aircrew trainers for the Combat Air Forces (CAF) and supports CAF participation in Air Force Distributed Mission Operations (DMO). DMO is an operational readiness initiative enabling the USAF to exercise and train at the operational and strategic levels of war while facilitating unit level training. Networked Live-Virtual-Constructive components form the integrated DMO battlespace by linking geographically distributed high fidelity combat and combat support training devices including C2 and ISR systems.
- TRAINING is funded in PE 41897F, provides funds to procure/enhance aircrew and maintenance trainers for the Mobility Air Forces (MAF). Additional/upgraded trainers will provide for improved combat readiness and reduce utilization of aircraft for training. Additional aircraft formerly used for training will now be available to the warfighting commanders. Critical tactical and distributed mission operation training in these simulators will increase MAF combat effectiveness and reduce aircraft losses.

This program has associated Research Development Test and Evaluation funding in PE 27701F.

FY 2009 Program Justification

- FCMT: FY09 FCMT Funding supports the acquisition of 6 F-16 block 40/50 trainers. These trainers will replace capability currently provided by Training Simulation Services contracts in accordance with direction provided by FY07 NDAA. Also supports acquisition of additional
- TRAINING: FY 09 TRAINING funding transferred to Aircraft Weapon Systems and Inservice Aircraft Modifications. This FY09 funding is included appropriate Major Weapon System justification documentation.

P-1 Shopping List Item No. 76

Exhibit P-5, Weapon System Cost Analysis										
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number	er					P-1 Line Ite	em Nomenclatu	ire		
Aircraft Procurement, Air Force, Budget	Activity 0	7, Aircraft	Support	Equipmen	nt and	OTHER	AIRCRAI	FT		
Facilities, Item No. 76	•	·	• •							
Manufacturer's Name/Plant City/State Location				Subline Item		•				
Weapon System	Ident			1	Total Cos	t in Millions	of Dollars			
Cost Elements	Code		FY 2007			FY 2008			FY 2009	
				Total			Total			Total
		Qty	Unit Cost	Cost	Qty	Unit Cost	Cost	Qty	Unit Cost	Cost
Avionics										
Armament										
Software										
Other Government Furnished Equipment (GFE)										
Engineering Change Orders (ECO)										
Nonrecurring Costs										
Other Costs										
FLYAWAY COST SUBTOTAL										
Airframe Peculiar Ground Support Equipment (PGSE)										
Engine PGSE										
Peculiar Training Equipment										
Publications/Technical Data										
ECOs										
Other										
FULL COMBAT MISSION TRAINING (FCMT), PE		0		0.000	5		25.682	6		48.593
27701F; Combat Air Forces Aircrew Training Devices				0.000	3		23.062	o l		40.393
TRAINING, PE 41897F Mobility Air Forces Training		0		0.000	45		75.525	37		0.000
Devices				0.000	43		13.323	37		0.000
SUPPORT COST SUBTOTAL										
TOTAL PROGRAM							101.207			48.593
Comments										
		D 4 0' '	1	. 70						
		P-1 Shoppin	ig List Item I	No. 76			'	Neapon Sy	stem Cost A	nalysis
								<u>Exh</u>	ibit P-5, pag	e 2 of 2

Exhibit P-40, Budget Item Justification	Date: February 2008
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number	P-1 Line Item Nomenclature
Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and	T-1 Mods
Facilities, Item No. 77	

Program Element for Code B Items:		N/A			Other Relate	d Program Ele	ements:		N/A			
	ID Code	Prior Years	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Comp	Total	
Proc Qty	A										0	
Total Proc Cost (\$ M)		0.000	0.000	14.803	0.000	0.000	0.000	0.000	0.000	0.000	14.803	

Description

A suite of Ground Based Training System (GBTS) devices will be acquired to use with the T-1 aircraft to support Combat System Officer (CSO) training. These will include low-level part-task devices, comprised of only the radar and the Flight Management System (FMS). These devices will enable the student to learn how to use radar while running a mission. The other devices will provide higher level aircrew training. They will replicate the flight deck and allow the student to learn copilot duties as well as practice running the mission with another crew member prior to actual flight.

Funding document is unexecuteable. The Air Force requests \$19.025M originally programmed in P-1 line 70 (C-21 Post Production Support) be appropriated in this line for proper execution.

FY 2009 Program Justification

Acquire two high-level T-1 CSO training devices for use at the joint training facility at NAS Pensacola FL.

P-1 Shopping List Item No. 77

Exhibit P-5, Weapon System Cost Analysis			Dat	e: Februar	y 2008					
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number	er					P-1 Line Ite	Total Total			
Aircraft Procurement, Air Force, Budget	Activity 0	7, Aircraf	ft Support	Equipme	nt and	T-1 Mod	ds			
Facilities, Item No. 77	_									
Manufacturer's Name/Plant City/State Location				Subline Item	1	•				
·										
Weapon System	Ident			I	Total Co	ost in Millions o	of Dollars			
Cost Elements	Code		FY 2007			FY 2008			FY 2009	
				Total			Total			Total
		Qty	Unit Cost	Cost	Qty	Unit Cost	Cost	Qty	Unit Cost	Cost
Avionics										
Armament								,		
Software										
Other Government Furnished Equipment (GFE)										
Engineering Change Orders (ECO)										
Nonrecurring Costs										
Other Costs										
FLYAWAY COST SUBTOTAL										
Airframe Peculiar Ground Support Equipment (PGSE)										
Engine PGSE										
Peculiar Training Equipment										
Publications/Technical Data								,		
ECOs										
Other								,		
SUPPORT COST SUBTOTAL										
Ground Based Training System							14.803	,		0.000
TOTAL PROGRAM							14.803			
Comments										
								,		
		D 4 OL	11.00							
		P-1 Snoppi	ng List Item I	NO. //			\		System Cost A	

FY 2009 BUDGET ESTIMATES BP 14 – INDUSTRIAL PREPAREDNESS FEBRUARY 2008

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Exhibit P-40, Budget Item Justification	Date: February 2008
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number	P-1 Line Item Nomenclature
Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and	Industrial Responsiveness
Facilities, Item No. 78	

,											
Program Element for Code B Items:		N/A			Other Relate	d Program Ele	ments:		N/A		
	ID Code	Prior Years	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Comp	Total
Proc Qty	A										0
Total Proc Cost (\$ M)			23.115	23.781	24.380	24.985	25.319	25.829	26.350		173.759

Description

- 1. The Air Force Industrial Preparedness program element combines the resources of several appropriations (APAF, MPAF, OPAF, O&M, and RDT&E) to create a comprehensive program that ensures the defense industry can supply reliable, affordable systems to operational commanders. The Aircraft Procurement (APAF) part of Industrial Preparedness supports the following: 1) management of government-owned industrial plants; and 2) management of industrial base planning activities and compliance with the Defense Production Act.
- 2. Two basic activities are funded in this appropriation: Industrial Facilities and Industrial Base Planning:

Industrial Facility cost elements (MPCs 3000, and 7000): Provide for repair and expansion, major rehabilitation, environmental compliance, equipment movement, and energy conservation at Air Force-owned-contractor-operated industrial facilities. These plants are the backbone of DoD weapon system assembly and maintenance for the B-2, U-2, F-16, C-130, C-5B, F-117, and F-22.

Industrial Planning cost element (MPC 6000): Provides for the identification/analysis of critical aircraft industrial base problems/constraints (e.g., diminishing manufacturing sources material shortages -- on the B-1B, B-52, F-15, C-5, and C-141 fielded systems, as well as on the F-16, F-22, C-17, and C-130 systems in production). Supports Air Force management of the Defense Priorities and Allocations System (Title I, Defense Production Act). Provides timely and accurate industrial base information to support Air Force decisions on: 1) aircraft weapon system acquisition risks; 2) budget allocation and investments; 3) weapon system sustainment and logistics support; and 4) defense industry mergers and acquisitions and divestitures. Supports joint-Service industrial base planning on shared commodities, technologies, and facilities.

FY 2009 Program Justification

For FY09 this program element is similiar to FY08 with MPC 7000 Environmental Compliance leading the way as the major cost driver. MPC 3000 Capital Type Rehabilitation and MPC 6000 Industrial Base Assessment also FY09 requirements.

P-1 Shopping List Item No. 78

Manufacturer's Name/Plant City/State Location	Subline Item												
Weapon System	Ident				Total Co	Total Cost in Millions of Dollars							
Cost Elements	Code		FY 2007			FY 2008	FY 2008 FY 2009						
		Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost			
Avionics	A	40		0000	Q 1)	Cint Cost	0000	40	Cint Cost				
Armament	A												
Software	A												
Other Government Furnished Equipment (GFE)	A												
Engineering Change Orders (ECO)	A												
Nonrecurring Costs	A												
Other Costs	A												
FLYAWAY COST SUBTOTAL													
Airframe Peculiar Ground Support Equipment (PGSE)	A												
Engine PGSE	A												
Peculiar Training Equipment	A												
Publications/Technical Data	A												
ECOs	A												
Other	A												
SUPPORT COST SUBTOTAL													
Capital Type Rehabilitation (MPC 3000)	A			7.740			8.241			8.391			
Replacement & Modernization (MPC 4000)	A			0.000			0.000			0.000			
Industrial Base Assessment (MPC 6000)	A			3.515			3.102			3.197			
Environmental Compliance (MPC 7000)	A			11.860			12.438			12.791			
Pollution Prevention	A												
TOTAL PROGRAM				23.115			23.781			24.380			
Comments			•										

P-1 Shopping List Item No. 78

Weapon System Cost Analysis Exhibit P-5, page 2 of 2

FY 2009 BUDGET ESTIMATES BP 17 – WAR CONSUMABLES FEBRUARY 2008

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BUDGET ITEM JUSTIFICA	ATION (EXHIBIT P-40)				DATE: FEBR	RUARY 2008	
APPROPCODE/BA: APAF/WAR CONSUMABLES		P-1 NOMENCL WAR CONSUM		RVIEW)			
7 W 7 W 7 W W C CONTROL W W C C C C C C C C C C C C C C C C C	FY2007	FY2008	FY2009	FY2010	FY2011	FY2012	FY2013
QUANTITY	11207	11200	1.2000	112010	112011	112012	112010
COST (in Thousands)	\$24,997	\$17,688	\$80,622	\$137,569	\$71,376	\$147,082	\$180,776
(expendable) Towed Decoys, F (WRM) requirements and fleet		erial Target Droi	execution ma	ket motors. '	These items sup	pport War Res	erve Materiel
	P-1 ITEM NO 79	PAGE 7 - 5				Page 1 of	1

BUDGET ITEM JUSTIFICATION FOR A	GGREGATED ITE	MS (E)	KHIBIT P-40A	A)		DATE:	FEBRUAF	RY 2008	
APPROPCODE/BA: APAF/WAR CONSUMABLES			'-1 NOMENCL /AR CONSUMA		RVIEW)	-		FY200 ST QTY. \$8,144 605 \$9,544 150	
	ID			FY2007		FY2008		FY2009	
PROCUREMENTITEMS	CODE	QTY.	COST	QTY.	COST	QTY.	COST	QTY. 605	COST
WAR CONSUMABLES (OVERVIEW)									
ADVANCED AIRBORNE EXPENDABLE DECOY (AAE	ED) A			703	\$21,178	258	\$8,144	605	\$20,078
MINIATURE AIR LAUNCHED DECOY (1)	A						\$9,544	150	\$56,438
ITEMS LESS THAN \$5 MILLION	A				\$3,819				\$4,106
TOTALS:					\$24,997		\$17,688		\$80,622
(1) FY08 DOD Appropriation Bill deferred co	nsideration of MALI	D produ	action requirem	nent to GWO	OT suppleme	ntal.			
P-1 ITEM N 79	0		PAGE 7 - 5				Pag	ge 1 of 1	

BUDGET ITEM JUSTIFICA	ATION (EXHIBIT P-40)					DATE: FEBRUARY 2008						
APPROPCODE/BA:			P-1 NOMENCE MINIATURE AIR		DECOY							
APAF/WAR CONSUMABLES												
	FY	2007	FY2008	FY2009	FY2010	FY2011	FY2012	FY2013				
QUANTITY				150	450	100	450	495				
COST (in Thousands)		\$0	\$9,544	\$56,438	\$112,244	\$44,861	\$119,364	\$151,784				
Description:			·			'						
Response, Space and C4ISR, a is a low cost, powered, expend be employed from various airc strike aircraft. MALD-J will p target and will jam specific rad in both decoy and jammer mod 2. The development of this pro (Airborne Electronic Attack).	Decoy (MALD) and MALD Jammer (and Air and Space Expeditionary Force able decoy designed to represent the larger platforms to stimulate, saturate, a provide stand-in jamming capability for lars in a stand-in role to degrade or decles. Ogram is funded in Program Element gh the Air Armament Center, Eglin A	kinemand de or Air eny the	ncepts of Operationatics and radar societies and radar societies integrated borne Electronic EIADS detection 0604270F (Electronic Electronic El	on. Both Maignature chat air defense se Attack System of friendly	ALD and MA racteristics of systems (IAD ems. MALD aircraft or mo	ALD-J are budger of various combasticates of thus increasingly will be launced unitions. MAL	eted in this pro at aircraft. The ng the surviva hed against a p D-J will be abl	oject. MALD will bility of preplanned le to operate				
	P-1 ITEM NO		PAGE	NO:			Dogo 1 of	1				
	79		7 - 5	59			Page 1 of	I				

WEAPON SYSTEM COST ANALYSIS (EXHI	BIT P-5)								DATE:	FEBRU	ARY20	08	
APPROPCODE/BA: APAF/WAR CONSUMABLES			P-1 NOMENCLATURE: MINIATURE AIR LAUNCHED DECOY										
WEAPON SYSTEM	ID.					FY200	7		FY200	8		FY2009	9
COST ELEMENTS	ID CODE	QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST
MALD	А										150	\$248,267	\$37,240
PRODUCTION SUPPORT													
PRODUCTION SUPPORT EQUIPMENT													\$4,636
ECO/ECP													\$10,808
CONTRACTOR SUPPORT										\$100			\$832
DATA/TRAINING													\$1,647
PROGRAM MANAGEMENT ADMINISTRATION													\$1,275
PRODUCTION SUPPORT (1)										\$9,444			
TOTALS:										\$9,544	150		\$56,438
Remarks: Total Cost information is in thousands of dollars. (1) Production Support includes transition efforts to	o reduce pro	oductio	n risks			duction	assurance	e.					
P-1 ITEM NO 79				PAG 7 -	6 0					Pa	age 1 d	of 1	

BUDGET PROCUREMENT		DAT	E : FEB	RUARY 2	800						
APPROPCODE/BA: APAF/WAR CONSUMABLES					MENCLATURI URE AIR LAUNC						
ITEM NAME/ FISCAL YEAR	QTY.	UNIT COST	LOCATION OF	F PCO	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION		AWD. DATE	DATE FIRST DEL.	SPECS AVAIL NOW	DATE REV. AVAIL
MALD											
FY2008(1-3)			AFMC/AA	С	OPT/FFP	RAYTHEON/TUCSON	I, AZ	Jun-08		Yes	
FY2009	150	\$248,267	AFMC/AA	С	SS/FP	RAYTHEON/TUCSON	I, AZ	Mar-09	Jan-10	Yes	
 (1) FY 08 will exercise the LR of FY08 (June Timeframe). (2) Contract has an FY08 base (3) FY08 DOD Appropriation 	year.	·		•	requirement to			WOT fu	nding dur	ring the 3rd	d quarter
	P-1 ITEM N 79	NO			PAGE NO: 7 - 61				Page	1 of 1	

BUDGET ITEM JUSTIFICAT	ΓΙΟΝ (EXHIBIT P-40)				DATE: FEBRUARY2008			
APPROP CODE/BA:		P-1 NOMENCL	ATURE:	·				
APAF/WAR CONSUMABLES		ADVANCED AIR	RBORNE EXP	ENDABLE DE	COY (AAED)			
	FY2007	FY2008	FY2009	FY2010	FY2011	FY2012	FY2013	
QUANTITY								
COST (in Thousands)	\$21,178	\$8,144	\$20,078	\$21,119	\$22,253	\$23,372	\$24,560	
Description:								
aircraft. The ALE-50 significant that decoys threat systems engaging towline assembly and canister), multi-platform launch controller	endable Decoy (AAED) is part of the ALE ly enhances aircraft countermeasure capaling the aircraft, resulting in increased miss magazine, launcher/controller and pylons. and farings. impacts sustainment of projected wartime	oilities against r sile miss distand The major syst	nodern RF theses. Major stem compone	nreats. It prov ystem compo ents for the B	vides protection nents for the F- -1B are the AAl	by acting as a 16 are the AA	a RF-repeater ED (includes	
	P-1 ITEM NO 79	PAGE 7 - 6				Page 1 of	1	

BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITEMS (EXHIBIT P-40A) DATE: FEBRUARY 2008 **P-1 NOMENCLATURE: APPROP CODE/BA:** ADVANCED AIRBORNE EXPENDABLE DECOY (AAED) APAF/WAR CONSUMABLES FY2007 FY2008 FY2009 ID CODE **PROCUREMENTITEMS** QTY. QTY. COST QTY. **COST** COST QTY. COST **DECOY** 703 \$21,178 258 \$8,144 605 \$20,078 Α TOTALS: 703 \$21,178 258 \$8,144 605 \$20,078 **Remarks:** Cost information is in thousands of dollars. P-1 ITEM NO **PAGENO:** Page 1 of 1

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BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P-5A)								DATE: FEBRUARY 2008				
APPROPCODE/BA: APAF/WAR CONSUMABLES				P-1 NOMENCLATURE: ADVANCED AIRBORNE EXPENDABLE DECOY (AAED)								
ITEM NAME/ FISCAL YEAR		NIT DST	LOCATION O	F PCO	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION		1 1110	SPECS AVAIL NOW	DATE REV. AVAIL		
DECOY												
FY2007(1)	703	\$30,125	AFMC/WR-A	ALC	OPT/FP	RAYTHEON/GOLETA	, GA Mar-	07 Oct-08				
FY2008(1)	258	\$31,566	AFMC/WR-ALC		OPT/FP	RAYTHEON/GOLETA	, GA Mar-	08 Aug-09	Yes			
FY2009(1)	605	\$33,187	AFMC/WR-A	ALC	OPT/FP	RAYTHEON/GOLETA	, GA Mar-	09 May-10	Yes			
Cost information is in actual do (1) Contract has an FY04 base		years.										
	P-1 ITEM NO 79				PAGE NO: 7 - 64			Page	e 1 of 1			

BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)				DATE: FEBR	UARY 2008		
APPROP CODE/BA:		P-1 NOMENCI	LATURE:				
APAF/WAR CONSUMABLES		ITEMS LESS TH	HAN \$5 MILLIO	NC			
	FY2007	FY2008	FY2009	FY2010	FY2011	FY2012	FY2013
QUANTITY							
COST (in Thousands)	\$3,819	\$0	\$4,106	\$4,206	\$4,262	\$4,346	\$4,432
Description:							
 The "Items Less Than \$5 Million" line inc. systems. These initial/replacement War Conssystem. All items have an annual procurement valurepresentative of items to be procured. Items mission requirements. 	umable requirements ensure ne of less than \$5 million and	continuation of	f serviceable, ems requeste	supportable of the supportable o	equipment over	the life of a volume of a volume of the life of the life of the li	veapon OA-IL and are
P-1 ITEM I 79	NO	PAGE 7 - 6				Page 1 of	1

BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITEMS (EXHIBIT P-40A-IL)				DATE: FEBRUARY	2008	
APPROP CODE/BA: APAF/WAR CONSUMABLES		P-1 NOMENCLATURE: ITEMS LESS THAN \$5 MILLION				
					FY20	09
PROCUREMENTITEMS		NSN	QTY.	соѕт	QTY.	COST
REEFING LINE CUTTER					3,700	\$337
TITAN 40C RATO & INITIATOR					700	\$2,467
MK-17 IGNITER					4,000	\$648
MK44 IMPULSE CART					3,600	\$655
TOTALS:						\$4,107
Remarks: Cost information is in thousand						
	P-1 ITEM NO 79		PAGE NO: 7 - 66		Page	1 of 1

FY 2009 BUDGET ESTIMATES BP 19 – OTHER PRODUCTION CHARGES FEBRUARY 2008

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Exhibit P-40, Budget Item Justification					Dat	e: February 2008	3
Appropriation (Treasury) Code/CC/BA/BSA/Item C	Control Number			P- ⁻	Line Item Nomenclati	ure	
Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and					ther Production	n Charges	
Facilities, Item No. 80		•					
	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013
Proc Qty							
Total Proc Cost (\$ M)	577.404	717.701	521.357	901.47:	1239.017	1170.780	1148.558

Description

FY2007 funding total includes \$144.695M in GWOT supplemental.

FY2008 funding totals do not include \$94.730M FY2008 GWOT requirements still pending Congressional consideration.

The Miscellaneous Production Charges program provides for items which, are not directly related to other procurement line items in this appropriation, cannot be reasonably allocated and charged to other procurement line items in this appropriation, can be managed as separate end items, may contain certain classified programs, and may be alternate mission equipment, not considered a modification, for out of production systems.

The major program drivers in FY09 from a budget standpoint are for F-22 Squadron, and Precision Attack Systems procurement.

This program has associated Research Development Test and Evaluation funding in PEs 35116F, 35164F, 64233F, 64240F, 64735F, 27138F, 27170F, and 27136F.

P-1 Shopping List Item No. 80

Budget Item Justification Exhibit P-40, page 1 of 24

Exhibit P-40A, Budget Item Justification for Aggregated Items		Date: Februar	y 2008
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number	P-1 Lin	e Item Nomenclature	
Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Eq	uipment and Misc	ellaneous Producti	on Charges
Facilities, Item No. 80			_
Procurement Items (\$M)	FY 2007	<u>FY 2008</u>	<u>FY 2009</u>
B-2 Squadrons	0.000	0.000	19.566
EW Equipment Sustainment	4.765	19.318	41.390
Manned Destructive Suppression	8.631	10.061	10.116
F-22A Squad	44.883	110.227	126.800
JHMCS (Joint Helmet Mounted Cueing System	0.000	8.440	0.000
F-22	34.816	33.205	33.685
Precision Attack Systems Procurement	134.926	144.064	49.908
Combat Training Range Equipment	7.570	15.424	15.626
Electronic Warfare Integrated Reprogramming (EWIR)	2.689	3.086	3.245
Classified Programs	238.358	236.272	156.734
Aerial Targets	4.994	5.537	5.148
NAVSTAR Global Positioning System (GPS) User Equipment	9.831	12.508	15.837
C-5 Airborne Broadcast Intelligence (ABI)	1.196	1.363	1.396
C-5 AMP	0.000	23.584	7.429
KC-135 Airborne Broadcast Intelligence (ABI)	1.385	1.580	1.620
C-17	1.315	1.474	1.481
C-17 AIRCRAFT	0.000	0.000	20.426
Pollution Prevention	2.189	2.451	2.512
T-38 Undergraduate Navigation	0.000	5.780	0.000
Joint National Training Capability	2.732	0.057	2.450
NATO AWACS Modernization	77.124	83.270	5.988
Total Adjustments	577.404	717.701	521.357

P-1 Shopping List Item No. 80

Budget Item Justification for Aggregated Items Exhibit P-40A, page 2 of 24

	UNCLASSIFIED		
Exhibit P-1900, P-1900			Date: February 2008
11 -1 ()/		P-1 Line Item Nom	nenclature
		d B-2 Squadro	ons
Facilities, Item No. 80			
	FY 2009 PRESIDENT'S BUDGET B-2 SQUADRONS FACT SHEET (Dollars in Millions)		
PROJECT TITLE:	B-2 Squadrons		
MODELS OF AIRCRAFT APPLICABLE:			
DESCRIPTION/JUSTIFICATION:	These funds will be used to fund De by HQ AFMC via the Source of Rep the following efforts is currently sch limited to, Avionics, Receiver-Excit	oair Assignment Proce eduled in FY 09/10/1	ess (SORAP). Depot Activation of 1: These efforts include but are not
PROJECTED FINANCIAL PLAN:			
BASIS FOR COST ESTIMATE:	FY 2007 F	Y 2008	FY 2009
DIDENT ON COUL BUILDING			19.566
TOTAL COST	0.000	000	19.566

P-1 Shopping List Item No. 80

Exhibit P-1900, P-1900	Date: February 2008
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number	P-1 Line Item Nomenclature
Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and	EW Equipment Sustainment
Facilities, Item No. 80	

FY 2009 PRESIDENT'S BUDGET

EW EQUIPMENT SUSTAINMENT FACT SHEET

(Dollars in Millions)

PROJECT TITLE: EW Equipment Sustainment

MODELS OF AIRCRAFT APPLICABLE:

A-10, F-16

DESCRIPTION/JUSTIFICATION:Program provides sustainment/modernization of ALQ-131 and 184 EW pods (primary

self-protection equipment for A-10s and F-16s) and related support equipment.

PROJECTED FINANCIAL PLAN:

FY 2007 FY 2008 FY 2009

BASIS FOR COST ESTIMATE:

4.765 19.318 41.390

TOTAL COST 4.765 19.318 41.390

P-1 Shopping List Item No. 80

	UNCLASSIFIED			
Exhibit P-1900, P-1900		Date: February 2008		
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number		P-1 Line Item Nomenclature		
Aircraft Procurement, Air Force, Budget Acti	vity 07, Aircraft Support Equipment and	Manned Destructive Suppression		
Facilities, Item No. 80	• • • • • • • • • • • • • • • • • • • •			
,	FY 2009 PRESIDENT'S BUDGET			
MA	NNED DESTRUCTIVE SUPPRESSION FACT SHEE	TT.		
IVIA	(Dollars in Millions)			
	· · · · · · · · · · · · · · · · · · ·			
PROJECT TITLE:	Manned Destructive Suppression			
F-16 Block 50/52				
MODELS OF AIRCRAFT APPLICABLE:				
DECCRIPTION/HISTORICA TION	The AN/ASQ-213 pod is the key compo	onent of the HARM Targeting System (HTS). The		
DESCRIPTION/JUSTIFICATION:	· · · · · · · · · · · · · · · ·	HTS pod senses radar emissions and provides targeting information to the F-16 Block 50/52		
	pilot and the HARM Missile. This perm	nits launch using the missiles' most lethal 'range		
	known' mode. The F-16 HTS provides t	the only USAF HARM Suppression of Enemy Air		
	Defenses (SEAD) capability. HTS Rele	ase (R7) is the latest version and includes multi-ship		
	precision geolocation targeting which ad	lds the capability to provide targeting information for		
		e Air Force has a shortage of HTS Pods. During		
	· · · · · · · · · · · · · · · · · · ·	tion of HTS assets were deployed causing home		
		ack of HTS pods. In FY 2001, 31 new HTS Release		
		FY 2006 funds procured 22 HTS R7 pods. Funds		
		to procure approximately 35 additional HTS R7 pods		
	<u> </u>	TS pods to F-16 Block 50/52 combat-ready aircraft.		
	Additionally, an FY08 GWOT submission	on for \$25M was forwarded as part of the OSD		

PROJECTED FINANCIAL PLAN:

	FY 2007	FY 2008	FY 2009
BASIS FOR COST ESTIMATE:			
	8.631	10.061	10.116
TOTAL COST	8.631	10.061	10.116

P-1 Shopping List Item No. 80

HTS R7 pods.

P-1900

Exhibit P-1900, page 5 of 24

supplemental budget request. These GWOT funds will be used to procure about 35 additional

	UNCLASSIFIED			
Exhibit P-1900, P-1900			Date: February 2008	
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number		P-1 Line Item N	Nomenclature	
Aircraft Procurement, Air Force, Budget Act	ivity 07, Aircraft Support Equipment and	d F-22A Sq	uad	
Facilities, Item No. 80				
	FY 2009 PRESIDENT'S BUDGET F-22A SQUAD FACT SHEET (Dollars in Millions)			
PROJECT TITLE:	F-22A Squad			
MODELS OF AIRCRAFT APPLICABLE:	F-22A			
DESCRIPTION/JUSTIFICATION:	Depot Core Activiation - This request is a requirement to activate the F-22 core capability by partnering with ALCs. Requirement includes the purchase of Initial Outfitting Equipment (IOE) to support F-22 related ALC facility standup.			
PROJECTED FINANCIAL PLAN:				
BASIS FOR COST ESTIMATE:	FY 2007 FY	2008	FY 2009	
	44.883).227	126.800	
TOTAL COST	44.883	0.227	126.800	

	UNCLASSIFIED		
Exhibit P-1900, P-1900			Date: February 2008
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number		P-1 Line Ite	m Nomenclature
Aircraft Procurement, Air Force, Budget Acti	ivity 07, Aircraft Support Equipment a	nd JHMCS	(Joint Helmet Mounted Cueing
Facilities, Item No. 80		System	
JHMCS (J	FY 2009 PRESIDENT'S BUDGET OINT HELMET MOUNTED CUEING SYSTEM (Dollars in Millions)	FACT SHEET	
PROJECT TITLE:	JHMCS (Joint Helmet Mounted Cu	eing System	
MODELS OF AIRCRAFT APPLICABLE:	F-15 C/D/E, F-16 Blk 25/30/40/50		
DESCRIPTION/JUSTIFICATION:	a helmet display system capable of perspective, target indication tracking enhance pilot situational awareness sensors and weapons on targets, an	depicting aircraf ng/cueing, and of . This display ald dengage threats	the lead service) to develop and field theading data, pilot's viewing ther information on the aircrew visor to lows the pilot to quickly align platform using high off-boresight (HOBS) weapons ipment to establish the initial organic
PROJECTED FINANCIAL PLAN:	FY 2007	Y 2008	FY 2009
BASIS FOR COST ESTIMATE:			

P-1 Shopping List Item No. 80

0.000

0.000

TOTAL COST

8.440

8.440

P-1900

0.000

0.000

	UNCLASSII ILD		
Exhibit P-1900, P-1900			Date: February 2008
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number		P-1 Line Item	Nomenclature
Aircraft Procurement, Air Force, Budget Acti Facilities, Item No. 80	vity 07, Aircraft Support Equipment a	and F-22	
racinties, item No. 80			
	FY 2009 PRESIDENT'S BUDGET F-22 FACT SHEET		
	(Dollars in Millions)		
PROJECT TITLE:	F-22		
MODELS OF AIRCRAFT APPLICABLE:	F-22A		
DESCRIPTION/JUSTIFICATION:	_	_	ecessary to support electronic warfare ditional information is available on a
PROJECTED FINANCIAL PLAN:			
	FY 2007	FY 2008	FY 2009
BASIS FOR COST ESTIMATE:			
F-22A	34.816	33.205	33.685

34.816

33.205

TOTAL COST

33.685

Exhibit P-1900, P-1900	Date: February 2008
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number	P-1 Line Item Nomenclature
Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and	Precision Attack Systems Procurement
Facilities, Item No. 80	

FY 2009 PRESIDENT'S BUDGET PRECISION ATTACK SYSTEMS PROCUREMENT FACT SHEET

(Dollars in Millions)

PROJECT TITLE: Precision Attack Systems Procurement

MODELS OF AIRCRAFT APPLICABLE: F-16, F-15E, A-10, B-52, B-1

DESCRIPTION/JUSTIFICATION:

Advanced Targeting Pods (ATPs) provide long-range target acquisition and expanded weapon delivery envelopes for greater aircraft survivability. ATPs feature third generation forward looking infrared (FLIR) sensor, charged coupled device television (CCD-TV), improved laser capability, laser spot tracker (LST), infrared (IR) marker, and real-time video transfer connectivity with ground forces. Greater aircraft standoff, improved resolution, eye safe laser, high system reliability and smaller deployment footprint give ATPs a greater combat effectiveness across several mission areas, including suppression/destruction of enemy air defenses (SEAD/DEAD), precision air interdiction, close air support (CAS), non-traditional intelligence, surveillance and reconnaissance (NTISR), and time-sensitive targeting. The video downlink (VDL) upgrade to ATPs provides ground forces improved combat identification (CID) effectiveness resulting in quicker kills with reduced collateral damage and fratricide. Laser Infrared Targeting and Navigating (LITENING) Advance Technology (AT) and Sniper Extended Range (XR) are ATPs currently used by the active duty, Air National Guard (ANG), and Air Force Reserve Command (AFRC).

EX7 2000

PROJECTED FINANCIAL PLAN:

	F Y 2007	F Y 2008	F Y 2009
BASIS FOR COST ESTIMATE:			
	134.926	144.064	49.908
TOTAL COST	134.926	144.064	49.908

EX7 2005

P-1 Shopping List Item No. 80

P-1900

EX7 2000

Exhibit P-1900, P-1900	Date: February 2008
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number	P-1 Line Item Nomenclature
Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and	Combat Training Range Equipment
Facilities, Item No. 80	

FY 2009 PRESIDENT'S BUDGET COMBAT TRAINING RANGE EQUIPMENT FACT SHEET

(Dollars in Millions)

PROJECT TITLE: Combat Training Range Equipment

MODELS OF AIRCRAFT APPLICABLE: A-10, F-15, F-16, F-22A, F-35, B-52, B-1, B-2

DESCRIPTION/JUSTIFICATION:This item provides aircraft equipment for air combat training including the procurement of the

P5 Combat Training System (P5CTS). P5CTS is a collaborative AF/Navy program to provide test, training, and evaluation of AF and Navy aircrews. It also provides the capability

for operational testing of weapon systems and tactics under simulated combat conditions. The P5CTS system provides the capability to train aircrews in air-to-air, air-to-ground, and

ground-to-air combat, as well as electronic warfare during joint force exercises and distributed

mission operation training. FY08 will continue the procurement/fielding and support of the

P5CTS.

PROJECTED FINANCIAL PLAN:

	FY 2007	FY 2008	FY 2009
BASIS FOR COST ESTIMATE:			
Air Combat Training Systems (ACTS)			
P5 Combat Training Systems (P5CTS)	4.870	15.424	15.626
Congressional Add (Montana 120th FW)	2.700		
TOTAL COST	7.570	15.424	15.626

P-1 Shopping List Item No. 80

Exhibit P-1900, P-1900			Date: February 2008	
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number		P-1 Line Ite	em Nomenclature	
Aircraft Procurement, Air Force, Budget Act	ivity 07, Aircraft Support Equ	ipment and Electro	nic Warfare Integrated	
Facilities, Item No. 80		Reprog	ramming (EWIR)	
ELECTRONIC W	FY 2009 PRESIDENT'S BUI VARFARE INTEGRATED REPROGR (Dollars in Millions)		SHEET	
PROJECT TITLE:	Electronic Warfare Int	egrated Reprogramming (EW	/IR)	
MODELS OF AIRCRAFT APPLICABLE:	Multiple A/C	Multiple A/C		
DESCRIPTION/JUSTIFICATION:	Integrated Support Fac	This program funds equipment and aircraft system components for the EW Avionics Integrated Support Facility (EWASIF) to provide critical reprogramming of EW systems for all Air Force and Foreign Military Sales customers.		
PROJECTED FINANCIAL PLAN:				
	FY 2007	FY 2008	FY 2009	
BASIS FOR COST ESTIMATE:				
	2.689	3.086	3.245	
TOTAL COST	2.689	3.086	3.245	

Exhibit P-1900, P-1900	Date: February 2008
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number	P-1 Line Item Nomenclature
Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and	Classified Programs
Facilities, Item No. 80	
FY 2009 PRESIDENT'S BUDGET	

FY 2009 PRESIDENT'S BUDGET CLASSIFIED PROGRAMS FACT SHEET

(Dollars in Millions)

PROJECT TITLE: Classified Programs

MODELS OF AIRCRAFT APPLICABLE:

N/A

DESCRIPTION/JUSTIFICATION:Details of this program are available on a need-to-know basis.

PROJECTED FINANCIAL PLAN:

FY 2007 FY 2008 FY 2009

BASIS FOR COST ESTIMATE:

238.358 236.272 156.734

TOTAL COST 238.358 236.272 156.734

P-1 Shopping List Item No. 80

Exhibit P-1900, P-1900			Date: February 2008
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number		P-1 Line Item I	Nomenclature
Aircraft Procurement, Air Force, Budget A	ctivity 07, Aircraft Support Equipment an	d Aerial Ta	rgets
Facilities, Item No. 80			
	FY 2009 PRESIDENT'S BUDGET AERIAL TARGETS FACT SHEET (Dollars in Millions)		
PROJECT TITLE:	Aerial Targets		
MODELS OF AIRCRAFT APPLICABLE:	QF-4, BQM-34, BQM-167A		
DESCRIPTION/JUSTIFICATION:	Program procures ALQ-188B and D simulate threat aircraft electronic co	-	· •
PROJECTED FINANCIAL PLAN:			
	FY 2007 FY	Y 2008	FY 2009

BASIS FOR COST ESTIMATE:	

ALQ-188B and DLQ-9 electronic attack pods	4.994	5.537	5.148
TOTAL COST	4.994	5.537	5.148

P-1 Shopping List Item No. 80

	UNCLASSIFIED		
Exhibit P-1900, P-1900		Date:	February 2008
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number		P-1 Line Item Nomenclature	
Aircraft Procurement, Air Force, Budget Activity 07, A	ircraft Support Equipment and	I NAVSTAR Global	Positioning System
Facilities, Item No. 80		(GPS) User Equip	ment
<u> </u>	2009 PRESIDENT'S BUDGET ONING SYSTEM (GPS) USER EQUIPM (Dollars in Millions)	IENT FACT SHEET	
PROJECT TITLE:	NAVSTAR Global Positioning System	m (GPS) User Equipment	
MODELS OF AIRCRAFT APPLICABLE:	A-10A,B-1B, B-2A,B-52H,C-5A/B/C C/KC-135, CV-22,VC-25A,E-3B/C, I HH-60,KC-10A, MH-53J/M, RC-135	E-4B, E-8C, E-9A, F-15C/D/	/E, F-16C/D, F-117A,F/A-22,
DESCRIPTION/JUSTIFICATION:	Navstar GPS is a space-based navigat velocity, and time using passive receive funds provide for the procurement of Sources and Material Shortages (DMS sustainment phase of the GPS User Exproduction engineering and testing of improvements to these units.	vers on a day/night all-weath appropriate software support SMS) components, and test a quipment life cycle. This pro-	ner world-wide basis. These t, Diminishing Manufacturer assets utilized in the ogram also includes
PROJECTED FINANCIAL PLAN:			
	FY 2007 FY	2008	FY 2009
BASIS FOR COST ESTIMATE:			
Non-recurring/Integration	9.831 12.5		15.837
TOTAL COST	9.831 12.5	508	15.837

P-1 Shopping List Item No. 80

UNCLASSIFIED			
Exhibit P-1900, P-1900		Date: February 2008	
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number	· · · · · · · · · · · · · · · · · · ·	P-1 Line Item Nomenclature	
Aircraft Procurement, Air Force, Budget Acti Facilities, Item No. 80	vity 07, Aircraft Support Equipment and	C-5 Airborne Broadcast Intelligence (ABI)	
	FY 2009 PRESIDENT'S BUDGET BORNE BROADCAST INTELLIGENCE (ABI) FACT (Dollars in Millions)	SHEET	
PROJECT TITLE:	C-5 Airborne Broadcast Intelligence (AE	BI)	
MODELS OF AIRCRAFT APPLICABLE:	C-5		
DESCRIPTION/JUSTIFICATION:	within hostile environments while support The Air Mobility Command (AMC) Airly deficiency in the ability to protect MAF enhance mission safety during these command essential off-board information. Enamission adjustments in response to rapid Airborne Broadcast Intelligence (ABI) and intelligence, situational awarness (nation water threats), beyond line-of-sight C2 defective updated threat and mission inform ABI/CTII are roll-on/roll-off systems enaming the company of	increasingly moving closer to the battle and operate orting refueling and troop/supply delivery missions. If the analysis of the arrow of the provide arrow of th	

PROJECTED FINANCIAL PLAN:

FY 2007 FY 2008 FY 2009

BASIS FOR COST ESTIMATE:

1.196 1.363 1.396

TOTAL COST 1.363 1.396

P-1 Shopping List Item No. 80

Date: February 2008 P-1 Line Item Nomenclature nt and C-5 AMP
ion Program (AMP): Phase I of an Air Force planned on the C-5 (Phase II is the Reliability Enhancement and the C-5 (Phase II is the Reliability Enhancement and the AMP implements Communication, Navigation, agement (CNS/ATM) [formerly, Global Air Traffic Management apability, and the All Weather Flight Control System Secretary of Defense (DepSecDef) directed navigation/safety and Warning System (TAWS) and Traffic Alert and Collision educing the threat of controlled flight into terrain and mid-air lity requirements will be incorporated into the aircraft to meet all Civil Aviation Organization (ICAO)/Federal Aviation ements and to progress towards free flight capability. The access low reliability Line Replaceable Units (LRUs) in the mand replaces aging, non-supportable mechanical instruments and replaces aging, non-supportable mechanical instruments and replaces aging. The TCAS portion was accelerated ahead of the completed 31 Oct 02. ACSG), Tinker AFB (OC-ALC), and Hill AFB (OO-ALC) will for various aspects of the C-5 AMP avionics package. This re items required to stand-up depot support capability for C-5 as.
or or or or or or or or or or or or or o

UNCLASSIFIED				
Exhibit P-1900, P-1900				Date: February 2008
ppropriation (Treasury) Code/CC/BA/BSA/Item Control Numb	er		P-1 Line Item N	omenclature
Aircraft Procurement, Air Force, Budge	et Activity 07, Aircraft Support Equ	uipment and	C-5 AMP	
Facilities, Item No. 80		•		
PROJECTED FINANCIAL PLAN:				
	FY 2007	FY 200	08	FY 2009
SASIS FOR COST ESTIMATE:				
		23.584		7.429
TOTAL COST	0.000	23.584		7.429
	P-1 Shopping List Item No. 80			P-19
	i i onopping List item No. 60			Exhibit P-1900, page 17 of

	UNCLASSIFIED		
Exhibit P-1900, P-1900			Date: February 2008
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and Facilities, Item No. 80			Nomenclature Airborne Broadcast Intelligence
KC-135 AIR	FY 2009 PRESIDENT'S BUDGET RBORNE BROADCAST INTELLIGENCE (Al (Dollars in Millions)	BI) FACT SHEET	
PROJECT TITLE:	KC-135 Airborne Broadcast Inte	elligence (ABI)	
MODELS OF AIRCRAFT APPLICABLE:	KC-135		
DESCRIPTION/JUSTIFICATION:	within hostile environments whith The Air Mobility Command (A a deficiency in the abilty to prote To enhance mission safety during timely and essential off-board in allows mission adjustments in real-time intelligence, situational air/land/blue water threats), beyone aircrews to receive updated three costs, ABI/CTII are roll-on/roll-aircraft. Without real-time infor will be forced to continue to open	ile supporting refueling MC) Airlift and Air Retect MAF aircraft from the secondary operation. Enabling esponse to rapidly chargence (ABI) and Combal awareness (national rond line-of-sight C2 deat and mission information and C2 commercate without secure and retering threat awareness leaves a comparation and C2 commercate without secure and retering threat awareness leaves and mission information and C2 commercate without secure and retering threat awareness leaves and mission information and C2 commercate without secure and retering threat awareness leaves and mission information and C2 commercate without secure and retering threat awareness leaves and mission information and C2 commercate without secure and retering threat awareness leaves are retering threat awareness leaves and mission information.	ing them vulnerable to enemy threats
PROJECTED FINANCIAL PLAN:			
BASIS FOR COST ESTIMATE:	FY 2007	FY 2008	FY 2009

P-1 Shopping List Item No. 80

1.385

1.385

TOTAL COST

P-1900

1.620

1.620

1.580

1.580

	UNCLASSIFILD				
Exhibit P-1900, P-1900		Date	e: February 2008		
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number		P-1 Line Item Nomenclatur	re		
, , ,	Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and				
Facilities, Item No. 80					
	FY 2009 PRESIDENT'S BUDGET				
	C-17 FACT SHEET				
	(Dollars in Millions)				
PROJECT TITLE:	C-17				
MODEL G OF A ID CD A FT A DDL I GA DL F	C-17				
MODELS OF AIRCRAFT APPLICABLE:					
DESCRIPTION/JUSTIFICATION:	Funds will provide Modern Intermedia	te Level Teststand (MILT) and peculiar supply			
DESCRIPTION.	equipment for maintenance training de	vices for the C-17 strategi	c airlift squadrons (ANG).		
PROJECTED FINANCIAL PLAN:					
	FY 2007 FY 2	2008	FY 2009		
BASIS FOR COST ESTIMATE:					
	1.315	1	1.481		
TOTAL COST	1.315 1.474	1	1.481		

P-1 Shopping List Item No. 80

07 Aircraft Support Equ	P-1 Line Item N	Date: February 2008			
07 Aircraft Support Fau	P-1 Line Item N	omenclature			
07 Aircraft Support Fau		P-1 Line Item Nomenclature			
rcraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and		C-17 AIRCRAFT			
FY 2009 PRESIDENT'S BUI	OGET				
C-17 AIRCRAFT FACT SH	IEET				
(Dollars in Millions)					
C-17 AIRCRAFT					
CLS OF AIRCRAFT APPLICABLE:					
This activity is for the	This activity is for the Depot Activation of the C-17 system at the three USAF Air Logistic				
Centers.					
EV 2007	EV 2000	FY 2009			
F 1 2007	F1 2008	F I 2009			
		20.426			
0.000	0.000	20.426			
	C-17 AIRCRAFT FACT SH (Dollars in Millions) C-17 AIRCRAFT C-17 This activity is for the Centers. FY 2007	C-17 AIRCRAFT C-17 This activity is for the Depot Activation of the C-17 sys Centers. FY 2007 FY 2008			

Exhibit P-1900, P-1900	Date: February 2008
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number	P-1 Line Item Nomenclature
Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and	Pollution Prevention
Facilities, Item No. 80	

FY 2009 PRESIDENT'S BUDGET POLLUTION PREVENTION FACT SHEET

(Dollars in Millions)

Pollution Prevention PROJECT TITLE:

N/A MODELS OF AIRCRAFT APPLICABLE:

Installations and Government Owned, Contractor Operated (GOCO) facilities throughout the **DESCRIPTION/JUSTIFICATION:** 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 Order 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, enhance hazardous material management practices, hazardous waste minimization efforts, and opportunity assessments to identify

pollution prevention opportunities.

PROJECTED FINANCIAL PLAN:

	FY 2007	FY 2008	FY 2009
BASIS FOR COST ESTIMATE:			
	2.189	2.451	2.512
TOTAL COST	2.189	2.451	2.512

P-1 Shopping List Item No. 80

Exhibit P-1900, P-1900			Date: February 2008	
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number	: :: 07 Airms (: 0	P-1 Line Item		
Aircraft Procurement, Air Force, Budget Acti Facilities, Item No. 80	ivity 07, Aircraft Support Equipme	nt and 1-38 Und	lergraduate Navigation	
Т-	FY 2009 PRESIDENT'S BUDGET 38 UNDERGRADUATE NAVIGATION FAC (Dollars in Millions)	СТ ЅНЕЕТ		
PROJECT TITLE:	T-38 Undergraduate Navigati	on		
MODELS OF AIRCRAFT APPLICABLE:	N/A			
DESCRIPTION/JUSTIFICATION:	The T25 Simulator for Electronic Combat Training (SECT) is used to train all I			
PROJECTED FINANCIAL PLAN:	FY 2007	FY 2008	FY 2009	
BASIS FOR COST ESTIMATE:	0.000	5.780	0.000	

P-1 Shopping List Item No. 80

0.000

5.780

TOTAL COST

P-1900

0.000

	UNCLASSII ILD				
Exhibit P-1900, P-1900			Date: February 2008		
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number		P-1 Line Item N	omenclature		
Aircraft Procurement, Air Force, Budget Acti	vity 07, Aircraft Support Equipment and	Joint Natio	onal Training Capability		
Facilities, Item No. 80					
	FY 2009 PRESIDENT'S BUDGET				
JOIN	T NATIONAL TRAINING CAPABILITY FACT S (Dollars in Millions)	HEET			
PROJECT TITLE:	Joint National Training Capability	Joint National Training Capability			
MODELS OF AIRCRAFT APPLICABLE:	A-10, F-15, F-16, F/A-22, F-35, B-52, B-1, B-2				
DESCRIPTION/JUSTIFICATION:	This item provides aircraft equipment This includes the procurement of airbound multi-service requirements to enhance Position Information (TSPI) and exerce purpose is to provide deployable systet tracking capability for participating air Training System (P5CTS).	orne instrumentati training realism. ise recording for ms to support trai	on systems to support joint and Capabilities include Time-space aircrew debriefing/feedback. The ning worldwide where existing		
PROJECTED FINANCIAL PLAN:					
	FY 2007 FY	2008	FY 2009		

0.057

0.057

P-1 Shopping List Item No. 80

2.732

2.732

BASIS FOR COST ESTIMATE: Joint National Training Capability

TOTAL COST

-- P5 Combat Training Systems (P5CTS) Pods

P-1900

2.450

2.450

UNCLASSIFIED	
Exhibit P-1900, P-1900	Date: February 2008
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number	P-1 Line Item Nomenclature
Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and	NATO AWACS Modernization
Facilities, Item No. 80	
FY 2009 PRESIDENT'S BUDGET NATO AWACS MODERNIZATION FACT SHEET (Dollars in Millions)	
PROJECT TITLE: NATO AWACS Modernization	

E-3A

MODELS OF AIRCRAFT APPLICABLE:

DESCRIPTION/JUSTIFICATION:

NATO E-3 aircraft provide air and maritime surveillance and air control for allied forces in the NATO area of operations. This project provides the U.S. share of the total NATO Airborne Early Warning and Control Modernization Program and modernization efforts. The modernization program includes but is not limited to the NATO Mid-Term (NMT) project, the Large Aircraft Infrared Counter-Measures (LAIRCM) project, and future projects. The NMT project upgrades the mission computers, provides improved man-machine interfaces, Multi-Sensor Integration (MSI), digital communications, satellite communications, and adds 5 new consoles to the aircraft. These Mid-Term projects will update the NATO E-3 aircraft with capabilities to maintain fleet operational effectiveness and interoperability well into the 21st century. The LAIRCM project installs a self-defense capability into the NATO E-3 fleet enabling contingency operations, to include participation in the NATO Response Force (NRF), beyond NATO Area of Operations while continuing to maintain a level of security for the aircraft. Future modernization projects may include but are not limited to Communications Navigation Surveillance/Air Traffic Management (CNS/ATM), Mode 5, and Enhanced Mode S. These future projects will enable the aircraft to operate in all types of civil airspace, meet the military requirements for Identification Friend or Foe Interrogation and sustain the NATO fleet for the future needs of NATO. Fiscal Year Defense Plan funding provides the required U.S. contribution for the projects defined by the NATO AEW&C Board of Directors and approved by the U.S. government.

FV 2008

PROJECTED FINANCIAL PLAN:

	F 1 2007	F 1 2000	F 1 2007
BASIS FOR COST ESTIMATE:			
NATO AWACS-Near/Mid Term	77.124	83.270	5.988
TOTAL COST	77.124	83.270	5.988
	NATO AWACS-Near/Mid Term	BASIS FOR COST ESTIMATE: NATO AWACS-Near/Mid Term 77.124	BASIS FOR COST ESTIMATE: NATO AWACS-Near/Mid Term 77.124 83.270

P-1 Shopping List Item No. 80

EV 2007

P-1900

FV 2009

Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number					P-1 L	ine Item Nomenclatu	ure				
,					DE	POT MODER	NIZATION				
Facilities, Item No. 81											
	FY 2007	FY 2008		FY 2009		FY 2010		FY 2011	FY 2012	FY 2013	
Proc Qty								1			
Total Proc Cost (\$ M)	66.252		0.000		0.000	1	0.000	0.000	0.000	,	0.000

Description

Exhibit P-40, Budget Item Justification

Depot Modernization provides new technology and state-of-the-art equipment to support the Air Force Depot Maintenance Strategy. Depot Modernization incorporates projects at each of the three Air Logistics Centers, and provides capability to meet current and future core requirements for avionics, instruments, oxygen components, software, fuel accessories and engines.

P-1 Shopping List Item No. 81

Budget Item Justification Exhibit P-40, page 1 of 2

Date: February 2008

	UNCLASSIFIED		
Exhibit P-1900, P-1900			Date: February 2008
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number Aircraft Procurement, Air Force, Budget Active	rity 07, Aircraft Support Equipment ar	P-1 Line Item No	omenclature DDERNIZATION
Facilities, Item No. 81			
	FY 2009 PRESIDENT'S BUDGET DEPOT MODERNIZATION FACT SHEET (Dollars in Millions)		
PROJECT TITLE: DEPOT MODERNIZATION			
MODELS OF AIRCRAFT APPLICABLE: A-10, B-1, B-2, B-52, C-5, C-17, C-130, T-38		130, E-3, E-6A, F-4	, F-22, F-15, F-16, F-14, JSF, KC-135, T-37,
DESCRIPTION/JUSTIFICATION:	Air Force Depot Maintenance Strate the three Air Logistics Centers, and requirements for avionics, instrumer engines. A multi-phased effort at Of facility by implementing Lean/Cell The project incorporates a holistic anew and refurbished equipment that throughput. The project includes deand refurbishment, equipment reloction OO-ALC is part of an overall Lean open-architecture state-of-the-art equipments. WR-ALC projects transformations.	gy. Depot Moderni provides capability of the strain of the	ents, software, fuel accessories and m Bldg. 3001 into a state of-the-art is the entire maintenance complex. ean/Cellular design engineering with reduced flow days and increased parations, new equipment purchase training. Similarly, the investment at chmarking effort that includes elocity oxygen fuel thermal spray is integration software facility. C projects also include transformation
PROJECTED FINANCIAL PLAN:			
BASIS FOR COST ESTIMATE:	FY 2007 F	Y 2008	FY 2009
Benchmarking with Contractor/Industry Leaders	66.252 0.	000	0.000
TOTAL COST	66.252 0.	000	0.000

P-1 Shopping List Item No. 81

Exhibit P-40, Budget item Justification					Da	te: February 2008	3	
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number					P-1 Line Item Nomenclature			
Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and				DARP				
Facilities, Item No. 86								
	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	
Proc Qty								
Total Proc Cost (\$ M)	27.211	27.692	21.028	11.0	9.001	0.000		0.000

Description

FY2008 funding totals do not include \$6.0M FY2008 GWOT requirements still pending Congressional consideration.

This program provides centralized funding for multi-Service and Air Force requirements to field future airborne reconnaissance systems. Information pertaining to DARP programs is classified and available on a need-to-know basis. However, efforts include Mission Planning Systems, Airframe, Synthetic Aperture Radar, Avionics, Data Links, Defensive System, Electro/Optical Sensors, Engines, Life Support and Signals Intelligence (SIGINT).

P-1 Shopping List Item No. 86

Budget Item Justification Exhibit P-40, page 1 of 2

	ONOLAGOII ILD			
Exhibit P-1900, P-1900			Date: February 2008	
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number		P-1 Line Item N	P-1 Line Item Nomenclature	
Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and		d DARP	DARP	
Facilities, Item No. 86				
	FY 2009 PRESIDENT'S BUDGET			
	DARP FACT SHEET			
	(Dollars in Millions)			
PROJECT TITLE:	DARP			
MODELS OF AIRCRAFT APPLICABLE:	N/A			
DESCRIPTION/JUSTIFICATION:	Information pertaining to DARP programs is classified and available on a need-to-know basis. However, efforts include Mission Planning Systems, Airframe, Synthetic Aperture Radar, Avionics, Data Links, Defensive System, Electro/Optical Sensors, Engines, Life Support and Signals Intelligence (SIGINT).			
PROJECTED FINANCIAL PLAN:				
	FY 2007 FY	2008	FY 2009	
BASIS FOR COST ESTIMATE:				
	27.211 27.	692	21.028	
TOTAL COST	27.211 27.	692	21.028	

P-1 Shopping List Item No. 86