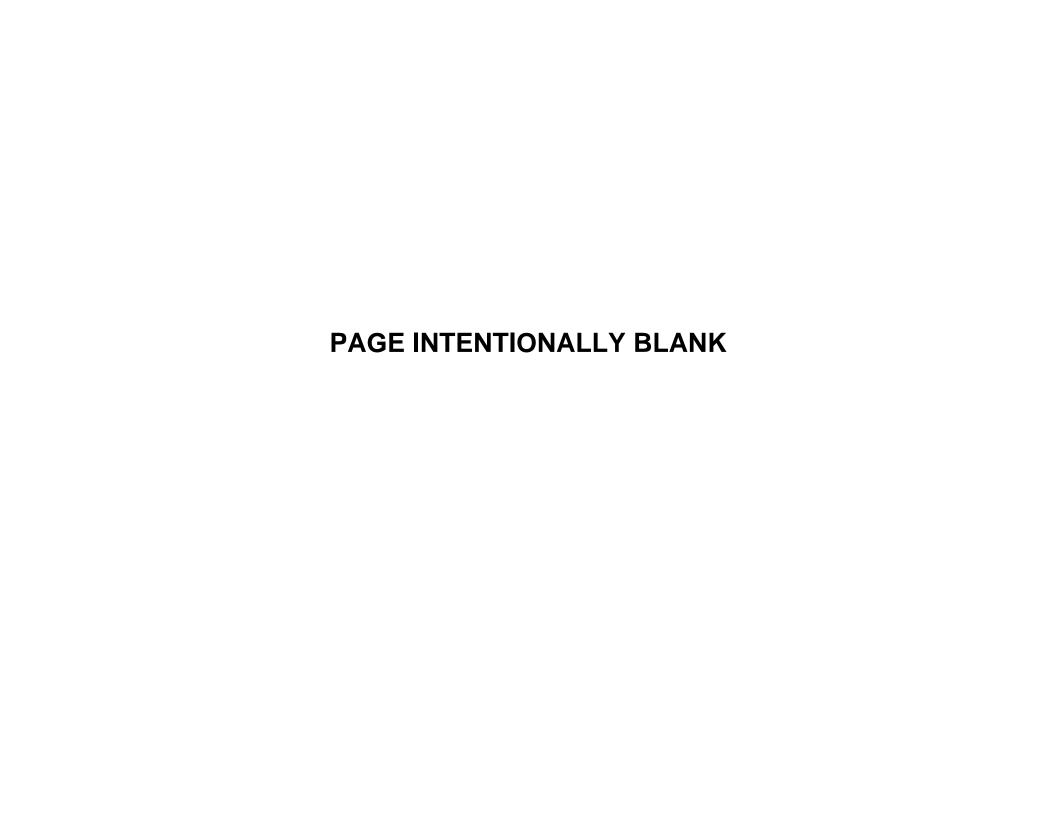
DEPARTMENT OF THE NAVY FISCAL YEAR (FY) 2009 BUDGET ESTIMATES



JUSTIFICATION OF ESTIMATES FEBRUARY 2008

AIRCRAFT PROCUREMENT, NAVY
Volume III:
BUDGET ACTIVITY 7



Department of Defense Appropriations Act, 2009

Aircraft Procurement, Navy

For construction, procurement, production, modification, and modernization of aircraft, equipment, including ordnance, spare parts, and accessories therefor; specialized equipment; expansion of public and private plants, including the land necessary therefor, and such lands and interests therein, may be acquired, and construction prosecuted thereon prior to approval of title; and procurement and installation of equipment, appliances, and machine tools in public and private plants; reserve plant and Government and contractor-owned equipment layaway, \$14,716,774,000, to remain available for obligation until September 30, 2011.

"In accordance with the President's Management Agenda, Budget and Performance Integration initiative, this program has 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."

DEPARTMENT OF DEFENSE

FY 2009 PROCUREMENT PROGRAM

SUMMARY 22 JAN 2008 (\$ IN MILLIONS)

APPROPRIATION	FY 2007	FY 2008	FY 2009
AIRCRAFT PROCUREMENT, NAVY	551.1	628.0	581.9
TOTAL Department of the Navy	551.1	628.0	581.9

Department of the Navy

FY 2009 PROCUREMENT PROGRAM

SUMMARY 22 JAN 2008 (\$ IN MILLIONS)

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TOTAL Department of the Navy	551.1	628.0	581.9

Department of the Navy

FY 2009 PROCUREMENT PROGRAM

SUMMARY 22 JAN 2008 (\$ IN MILLIONS)

APPROPRIATION: AIRCRAFT PROCUREMENT, NAVY

ACTIVITY	FY 2007	FY 2008	FY 2009
07. AIRCRAFT SUPPORT EQUIP & FACILITIES	551.1	628.0	581.9
TOTAL AIRCRAFT PROCUREMENT, NAVY	551.1	628.0	581.9

Department of the Navy FY 2009 PROCUREMENT PROGRAM

EXHIBIT P-1

DATE: 22 JAN 2008

APPROPRIATION: 1506N AIRCRAFT PROCUREMENT, NAVY

			MILLIONS OF DOLLARS	; }	-
LINE NO ITEM NOMENCLATURE	IDENT CODE		FY 2008 QUANTITY COST		S E C
BUDGET ACTIVITY 07: AIRCRAFT SUPPORT EQUIP &	FACILITI	ES			
AIRCRAFT SUPPORT EQUIP & FACILITIES					
61 COMMON GROUND EQUIPMENT	А	412.8	471.2	442.4	U
62 AIRCRAFT INDUSTRIAL FACILITIES	А	9.4	10.7	11.1	U
63 WAR CONSUMABLES	А	39.7	65.9	62.3	U
64 OTHER PRODUCTION CHARGES	А	19.9	20.5	27.9	U
65 SPECIAL SUPPORT EQUIPMENT	А	64.3	57.9	36.5	U
66 FIRST DESTINATION TRANSPORTATION	А	3.8	1.7	1.8	U
67 CANCELLED ACCOUNT ADJUSTMENTS	А	1.2			U
TOTAL AIRCRAFT SUPPORT EQUIP & FACILITIES		551.1	628.0	581.9	
TOTAL AIRCRAFT PROCUREMENT, NAVY		551.1	628.0	581.9	

BUDGET ITEM JUSTIFICA	TION SHEET	•			DATE:						
P-40						FEBRUARY 2008	3				
APPROPRIATION/BUDGE	T ACTIVITY		P-1 ITEM NOME	NCLATURE 070500 COMMON GROUND EQUIPMENT							
Aircraft Procurement, Nav	y/BA-7										
Aircraft Procurement, Navy/BA-7 Program Element for Code B Items: Other Related Program Ele											
	Prior	ID								То	
	Years	Code	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	2012	2013	Complete	Total
QUANTITY											
COST											
(In Millions)			412.773	471.189	442.390	404.983	396.319	401.620	410.564		

The Common Ground Equipment line funds procurement of Automatic Test Equipment (ATE), various aircraft systems trainers and training aids, the Consolidated Automated Support System (CASS), support equipment for the Rapid Deployment Force, mobile maintenance facilities for Marine expeditionary forces, and other aircraft ground support equipment that is either peculiar to out-of-production aircraft or common in applicability to more than one aircraft. The requiring managers responsible for these procurements and the funds presently assigned to them are as follows:

	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total
Common and CASS Support Equipment	242.353	249.625	244.178	244.842	247.915	256.749	262.162	Continued	Continued
Mobile Maint Facilities	11.513	11.574	11.793	6.914	7.065	7.207	7.360	Continued	Continued
Training	158.907	209.990	186.419	153.227	141.339	137.664	141.042	Continued	Continued
TOTAL	412.773	471.189	442.390	404.983	396.319	401.620	410.564	Continued	Continued

FY2007 funding total includes \$4.2M received in GWOT supplemental. FY2008 funding totals do not include \$54M previously requested for current FY2008 GWOT requirements.

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BUDGET ITEM JUSTIFICA	TION SHEET				DATE:									
P-40 Appropriation/Budge	T ACTIVITY		P-1 ITEM NOMENCL	ATLIDE	070500 COMMON GR		EBRUARY 2008							
			P-1 ITEM NOMENCE											
Aircraft Procurement, Na	•				COMMON AND CAS	S SUPPORT EQUIP	MENT							
Program Element for Code	B Items:		Other Related Progra	ım Elements										
	Prior	ID								То				
	Years	Code	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	Complete	Total			
QUANTITY														
COST			242.353	249.625	244.178	244.842	247.915	256.749	262.162	Continued	Continued			
In Millions)														
The following elements	comprise th	e Aviation				, ,		FY 2012	FY 2013	To Complete	Total			
, and the second	comprise th	e Aviation s	Support Equipment a <u>FY 2007</u> 29.588	and Consolidated <u>FY 2008</u> 29.272	Automated Support FY 2009 27.489	t Systems Progran <u>FY 2010</u> 32.077	FY 2011 37.652	<u>FY 2012</u> 38.759	<u>FY 2013</u> 38.707	To Complete Continued	Total Continued			
Automatic Test Equipment	comprise th	e Aviation	FY 2007	FY 2008	FY 2009	FY 2010	<u>FY 2011</u>							
Automatic Test Equipment Aircraft Common SE	comprise th	e Aviation	FY 2007 29.588	<u>FY 2008</u> 29.272	<u>FY 2009</u> 27.489	FY 2010 32.077	<u>FY 2011</u> 37.652	38.759	38.707	Continued	Continued			
The following elements Automatic Test Equipment Aircraft Common SE CP/HQM SE Subtotal	comprise th	e Aviation	FY 2007 29.588 102.450	FY 2008 29.272 113.390	<u>FY 2009</u> 27.489 109.256	FY 2010 32.077 105.725	FY 2011 37.652 98.948	38.759 86.138	38.707 85.761	Continued	Continued Continued			
automatic Test Equipment aircraft Common SE CP/HQM SE		e Aviation	FY 2007 29.588 102.450 33.811	FY 2008 29.272 113.390 25.271	FY 2009 27.489 109.256 25.644	FY 2010 32.077 105.725 24.793	FY 2011 37.652 98.948 27.211	38.759 86.138 28.094	38.707 85.761 28.085	Continued Continued Continued	Continued Continued Continued			

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	BUDGET ITEM JUSTIFICATION SHEET					DATE:							
P-40							FEBRUARY 200)8					
PPROPRIATION/BUDGET ACTIVITY P-1 ITEM NOMENCLATURE					070500 COMMON GROUND EQUIPMENT								
Aircraft Procurement, Navy/BA-7					AUTOMATIC TE	EST EQUIPMEN	Т						
Program Element for Code	rogram Element for Code B Items: Other Related Program Eleme				is .								
	Prior	ID								То			
	Years	Code	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY2012	FY2013	Complete	Total		
QUANTITY													
COST													
(In Millions)		Α	29.588	29.272	27.489	32.077	37.652	38.759	38.707	Continued	Continued		

GENERAL PROGRAM DESCRIPTION

This sub-line provides for the transition of current Automatic Test Equipment (ATE) Test Program Sets (TPSs) to AN/USM-636(V) Consolidated Automated Support System (CASS) and the acquisition, modification and associated test routines of common ATE to meet fleet operational requirements identified in the fleet concurred Common Support Equipment Operational Requirements List.

TEST PROGRAM SETS (TPSs) TRANSITION TO CASS

TPSs are SE that consist of the hardware, software, and documentation required to automatically fault detect and isolate electronic units under test (UUTs) to the defective subcomponent and Ready for Issue (RFI) the component. Existing ATE that can no longer be economically supported will be offloaded to CASS based on fleet priorities. This budget requests funds for the procurement of TPSs to offload support from existing obsolete ATE to CASS, as well as support of GFE requirements including UUT and CASS stations at CASS TPS Test Integration Facilities.

COMMON ATE ACQUISITION, MODIFICATION AND TEST ROUTINES

System acquisition and modification is necessary to replace obsolete and unsupportable equipment, support current technology, incorporate necessary reliability and maintainability improvements, and correct Fleet reported problems as a result of Engineering Investigations/Quality Deficiency Reports for out-of-production common ATE. Without these modifications replacement parts will not be available and common ATE will not remain operational.

	WEAPONS SYSTEM COST	T ANALY	SIS			Weapon Sys	tem				DATE:	
	P-5										FEBRUARY 2	2008
APPROF	PRIATION/BUDGET ACTIVITY					ID Code	P-1 ITEM NO	MENCLATU	JRE/SUBHEAD)	•	
Aircraft P	Procurement, Navy							070500 C	OMMON GRO	OUND EQUIP	MENT	
						Α	AUTOMATIC TEST EQUIPMENT - 47C2				C2	
			TOTAL COST	IN THOUS	ANDS OF D	OLLARS						
COST	ELEMENT OF COST	ID	Prior	Prior FY 2007			FY 2008				FY 2009	
CODE		Code									_	
			Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost
70000	TPS TRANSITION TO CASS	А	67,774			17,588			19,272			19,089
70800	INTEGRATED LOGISTICS SUPPORT (ILS)		2,371			3,600			3,000			2,550
70830	PRODUCTION ENGINEERING SUPPORT (PE)		27,279			8,400			7,000			5,850
	<u> </u>		97,424			29,588			29,272			27,48

BUDGET ITEM JUSTIFICA	ATION SHEE	T						DATE:				
P-40								FEBRUARY 2008				
APPROPRIATION/BUDGE	ROPRIATION/BUDGET ACTIVITY						P-1 ITEM NOMENCLATURE 070500 COMMON GROUND EQUIPMENT					
· •							A/C Common Support Equipment					
Aircraft Procurement, Navy Program Element for Code B Items:						Other Related F	Program Elemen	ts				
	Prior Years	ID Code	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total	
QUANTITY												
COST (In Millions)		Α	102.450	113.390	109.256	105.725	105.725 98.948 86.138 85.761 Continued					

General Program Description: This budget sub-line provides for the acquisition of Support Equipment (SE) end items under the inventory and technical management of NAVAIR. These SE end items are required for ground testing handling, and maintenance of aircraft and their systems. Examples of SE items acquired under this budget line item include aircraft propulsion test systems, mobile air conditioners and generators and aircraft handling equipment.

Also included are common avionics support equipment (ASE) items which are too complex technically to be transitioned to the inventory control point for acquisition. The ASE included is managed by NAVAIR and supported through the Navy Inventory Control Point.

Program procurement quantities were reduced due to BRAC site implementation, and/or maintenance site and efficiency consolidations: Shorebased Deicer (FY07), Jet Engine Test instrumentation (FY07), Coast AWM-103 (FY07), Fuel Quantity Test Set (FY08), & Wheel Crane (FY09).

Program procurement quantities were offset with higher than anticipated procurement unit costs associated with the Wheel Crane, and 482A Replacement programs and acceleration of the following procurements to take advantage of lower units costs associated with earlier fiscal years: Boresight Measurement Equipment (FY07), Mid/SE Tow Tractor (FY07), Composite Repair Temp Pressure Kit (FY07).

Diesel Electric Air Conditioner procurement changes are a result of restructuring required due to termination of the 10 Ton Air Conditioner contract. The Air Conditioner Ship Shore program moved to a FY10 start to allow maturing of JSF requirements. The Manlift procurement was deferred by one year from FY09 to FY10 to match up with joint procurement with Air Force. Procurement of Ultrasonic Tester production units were deferred by one year to FY08 to allow the testing schedule to be completed.

Tow Tractor Inventory Reduction Impact: Re-evaluation of the total FLEET inventory requirement, after all current units on order have been delivered, will determine if a need exists to procure additional units in the out years.

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	WEAPONS SYSTEM COST	ANALYS	is			Weapon Syst	tem				DATE:		
	P-5										FEBRUARY 2	2008	
APPRO	PRIATION/BUDGET ACTIVITY					ID Code	P-1 ITEM NO	MENCLATU	RE/SUBHEAD)			
Aircraft F	Procurement, Navy/BA-7					Α		070500 CO	MMON GROU	IND EQUIPMI	ENT		
			··					A/C Commo	on Support Equ	uipment - 47C	C2		
			TOTAL COST	I IN THOUS	SANDS OF D	OLLARS							
COST	ELEMENT OF COST	ID	Prior		FY 2007			FY 2008			FY 2009		
CODE		Code	Years					T					
			Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	
70400	HYD POWER SUPPLY (ELEC)	А	4,229	106	42	4,491	100	43	4,349				
70400	482 REPLACEMENT	В	600				48	93	4,473	49	97	4,786	
70400	DIESEL/ELEC. AIR CONDITIONER	В		5	95	475				50	95	4,750	
70400	THERMAL IMAGE NON DESTRUCTIVE INSP.	В											
70400	PORTABLE OXGEN REGULATOR T/S (PORTS)	В		3	80	240				38	80	3,040	
70400	COAST AWM-103	Α	29,192	114	37	4,224							
70400	TACAN I LEVEL T/S	В	732				50	54	2,723	50	56	2,812	
70400	TOW TRACTOR, HEAVY	В								5	140	700	
70400	SHIPBOARD TRACTOR CILOP	В								5	85	425	
70400	SHIPBOARD, HELO HANDLER	В		5	190	950							
70400	DIGITAL RADIOGRAPHY	В		2	100	200	26	100	2,600	48	100	4,800	
70400	LANDBASE MEPP	В					5	100	500				
70400	TURBO PROP ENG. TEST INST (TPETI)												
SUB TOT	AL		34,753			10,580			14,645			21,313	

	WEAPONS SYSTEM COST	ANALYS	SIS			Weapon Syst	tem				DATE:		
	P-5						_				FEBRUARY 2008		
_	PRIATION/BUDGET ACTIVITY						P-1 ITEM NO		RE/SUBHEAD				
Aircraft P	Procurement, Navy/BA-7					Α			IND EQUIPM				
		1	TOTAL 000	F IN THOUG	ANDOOFD	OLL A DO		A/C Commo	n Support Eq	uipment - 47C	C2		
			TOTAL COST IN THOUSANDS OF DOLLARS										
COST	ELEMENT OF COST	ID Code	Prior FY 20				FY 2008			FY 2009			
CODE		Code	Years Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	
	FORWARDED FY07-FY09		34,753			10,580			14,645			21,313	
70400	NG SW LOADER	В	,			,	5	20	100			,	
70400	AGITATED SOLVENT PARTS WASHER	В		5	15	75	40	15	600	43	15	645	
70400	COMPOSITE REPAIR TEMP. PRESSURE KIT	Α	645	135	29	3,910	64	25	1,600				
70400	FIBER OPTIC REPAIR SET	В								2	9	16	
70400	OPTICAL FIBER TEST SET	В	54	10	27	270	40	27	1,080	48	27	1,296	
70400	OTD REFLECTOMETER	В								2	60	120	
70400	CONTAMINENT/PUR/MOIST	Α	120	22	50	1,100	25	50	1,250	21	63	1,323	
70400	ARC FAULT CB TESTER	В	24	2	12	24				50	12	610	
70400	WIRE MARKING SYSTEM	В											
70400	VIDEO BORESCOPE	В					200	24	4,800	200	20	4,000	
70400	ULTRASONIC TESTER	В		5	15	75	150	15	2,250	117	15	1,755	
70400	A/C WIRING T/S O/ I LEVEL		8	14	114	187	9	1,650	187	9	1,650		
70400	BORESCOPE, DEFECT MEASURE				10	40	400	45	30	1,350			
SUB TOT	AL		35,596			16,148	8 28,375				34,078		

	WEAPONS SYSTEM C	OST ANAL	YSIS			Weapon System					DATE:	
	P-5										FEBRUARY 2	2008
APPRO	PRIATION/BUDGET ACTIVITY					ID Code	P-1 ITEM NO	OMENCLATU	IRE/SUBHEAI)		
Aircraft F	Procurement, Navy/BA-7					Α		070500 CO	MMON GROL	IND EQUIPM	ENT	
								A/C Commo	on Support Eq	uipment - 470	C2	
			TOTAL COST IN	THOUSAN	DS OF DOLL	_ARS						
COST	ELEMENT OF COST	ID	Prior		FY 200	7		FY 2008			FY 2009	
CODE	ELLIVIENT OF GOOT	Code	Years		11200	,,		1 1 2000			1 1 2009	
			Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost
	FORWARDED FY07-FY09		35,596			16,148			28,375			34,078
70400	MID/SE LANDBASE TOW TRACTOR	А	26,339	400	36	14,379	176	37	6,512			
70400	POWER SUPPLY, HYDRAULIC-DIESEL	А	13,765	220	43	8,873	195	46	8,970			
70400	SHAFT ENGINE TEST INSTR. (SETI)	В	2,400	2	800	1,600	8	800	6,400	13	800	10,40
70400	R/F COMM/NAV T/S	В	10				400	23	9,400	340	24	8,160
70400	MMG-1A REPLACEMENT	В	400				145	76	11,058	145	80	12,03
70400	EW SIGNAL GENERATOR	В		5	50	250				220	50	11,00
70400	CRANE, WHEEL	В	630				20	324	6,476	20	335	6,69
70400	BORESIGHT MEASUREMENT EQUIP (ABE)	А	6,999	26	382	9,935	9	450	4,050			
70400	FUEL QUANTITY TEST SET	А	9,697	175	30	5,250	148	30	4,440			
70400	GWOT JETSCAN	В				4,200						
74800	INTERGRATED LOGISTICS SUPPORT	В				8,570			3,800			3,06
74830	PRODUCTION ENGINEERING SUPPORT					31,372			23,159			23,64
74900	NON-FMP INSTALLATION	В				1,685			750			10
74910	FMP INSTALLATION	В				188						;
GRAND	I TOTAL		95.836			102,450			113,390			109,2

PLANNING E	XHIBIT (P-	5A)			Weapon System		A. DATE		
				T			FEBRUARY 20		
				C. P-1 ITEM NON	070500 COMMON GROUND EQUIPMENT			SUBHEAD 47C2	
QUANTITY	UNIT COST	LOCATION OF PCO	RFP ISSUE DATE	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWARD DATE	DATE OF FIRST DELIVERY	TECH DATA AVAILABLE NOW?	DATE REVISION AVAILABL
400	36	NAWCADLKE	N/A	C-OPTION	TUG TECHNOLOGIES CORP	12/2006	09/2008	YES	
176	37	NAWCADLKE	N/A	C-OPTION	TUG TECHNOLOGIES CORP MARIETTA, GA	01/2008	10/2009	YES	
220	43	NAWCADLKE	N/A	C-OPTION	HYDRAULICS INTERNATIONAL INC CHATSWORTH, CA	01/2007	04/2009	YES	
195	46	NAWCADLKE	N/A	C-OPTION	HYDRAULICS INTERNATIONAL INC CHATSWORTH, CA	11/2007	01/2010	YES	
2 8 13	800 800 800	NAWCADLKE NAWCADLKE NAWCADLKE	N/A N/A N/A	C-FFP C-OPTION C-OPTION	TBD TBD TBD	3/2008 08/2008 11/2008	5/2008 02/2009 10/2009	NO	09/2007
400 340	23 24	NAWCADLKE NAWCADLKE	N/A N/A	C-OPTION C-OPTION	TEL-INSTRUMENTS, CARLSTAD, NJ TEL-INSTRUMENTS, CARLSTAD, NJ	07/2008 12/2008	07/2009 05/2010	YES YES	
145	76	NAWCADLKE	N/A	C-OPTION	AVIATION GROUND EQUP FREEPORT, NY 11520	01/2008	07/2008	YES	
145	80	NAWCADLKE	N/A	C-OPTION	AVIATION GROUND EQUP FREEPORT, NY 11520	11/2008	07/2009	YES	
	400 176 220 195 2 8 13 400 340	COST 400 36 176 37 220 43 195 46 2 800 8 800 13 800 400 23 340 24 145 76	COST OF PCO 400 36 NAWCADLKE 176 37 NAWCADLKE 220 43 NAWCADLKE 195 46 NAWCADLKE 2 800 NAWCADLKE 8 800 NAWCADLKE 13 800 NAWCADLKE NAWCADLKE NAWCADLKE 13 NAWCADLKE NAWCADLKE NAWCADLKE NAWCADLKE NAWCADLKE NAWCADLKE 400 23 NAWCADLKE NAWCADLKE NAWCADLKE NAWCADLKE	COST OF PCO DATE 400 36 NAWCADLKE N/A 176 37 NAWCADLKE N/A 220 43 NAWCADLKE N/A 195 46 NAWCADLKE N/A 2 800 NAWCADLKE N/A 2 800 NAWCADLKE N/A 13 800 NAWCADLKE N/A 140 23 NAWCADLKE N/A 400 23 NAWCADLKE N/A 400 24 NAWCADLKE N/A 145 76 NAWCADLKE N/A	QUANTITY UNIT COST LOCATION OF PCO RFP ISSUE DATE CONTRACT METHOD & TYPE 400 36 NAWCADLKE N/A C-OPTION 176 37 NAWCADLKE N/A C-OPTION 220 43 NAWCADLKE N/A C-OPTION 195 46 NAWCADLKE N/A C-OPTION 2 800 NAWCADLKE N/A C-OPTION 13 800 NAWCADLKE N/A C-OPTION 400 23 NAWCADLKE N/A C-OPTION 400 23 NAWCADLKE N/A C-OPTION 400 23 NAWCADLKE N/A C-OPTION 145 76 NAWCADLKE N/A C-OPTION	A/C Common Support Equipment - 47C2	C. P-1 ITEM NOMENCLATURE	C. P-1 ITEM NOMENCLATURE	076500 COMMON GROUND EQUIPMENT 47C2 47C2

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BUDGET PROCUREMENT	T HIST	ORY AND I	PLANNING	G EXHIBIT (P-5A)			Weapon System		A. DATE FEBRUAR	RY 2008	
B. APPROPRIATION/BUDGET ACTIVATION Aircraft Procurement		y/BA-7				C. P-1 ITEM NON	TENCLATURE 70500 COMMON GROUND EQUIPMEN	Т		SUBHEAD 47C2	
Cost Element/ FISCAL YEAR		QUANTITY	UNIT COST	LOCATION OF PCO	RFP ISSUE DATE	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWARD DATE	DATE OF FIRST DELIVERY	TECH DATA AVAILABLE NOW?	DATE REVISIONS AVAILABLE
EW SIGNAL GENERATOR											
	2007 2009	5 220	50 50	NAWCADLKE NAWCADLKE	N/A N/A	SS-FFP SS-FFP	APPLIED GEO TECH. INC, CHOCTAW, MS APPLIED GEO TECH. INC, CHOCTAW, MS	09/2007 07/2009	03/2009 03/2010	YES YES	
CRANE WHEEEL	2008 2009	20 20	324 335	NAWCADLKE NAWCADLKE	N/A N/A	C-OPTION C-OPTION	TEREX, WAVERLY, IA TEREX, WAVERLY, IA	l l	11/2008 09/2009	YES YES	
BORESIGHT MEASUREMEN	ΝΤ										
	2007 2008	26 9	382 450	NAWCADLKE NAWCADLKE	N/A N/A		AAI CORP, HUNT VALLEY, MD AAI CORP, HUNT VALLEY, MD	12/2006 12/2007	06/2007 07/2008	YES YES	
FUEL QUANTITY TEST SET	2007 2008	175 148	30 30	NAWCADLKE NAWCADLKE	N/A N/A	C-OPTION C-OPTION	BCF DESIGN LTD, CIRENCESTER, ENGLAND BCF DESIGN LTD, CIRENCESTER, ENGLAND	07/2007 11/2007		YES YES	
D. REMARKS		l.					,				

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BUDGET PRODUCTION SCHEDULE, P-21																		DATE			EEE	BRUA	DV.	2008	,					
APPROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT, NAVY/BA-7													Wea	apor	Sys	tem					ОМ	ENC BASE	LAT	URI	Ē	СТС)R			
,, ,, ,, ,, ,							Pro	ducti	ion R	ate					Pro	cure		t Lea												
ltem			nufactu and L		n	MS		ECC		M	λX		T Pi			T Af			nitia g Pl			eord fg Pl			Tota	ıl			nit of asur	
MID/SE LANDBASED			OLOC				60		360		480		0	•		4			9		T	21			25			EAC		<u> </u>
TOW TRACTOR		IETT <i>A</i>																												
									FISC	AL YE	R 200	16										FISC	AL Y	EAR	2007					
ITEM / MANUFACTURER	F	S	Q	D	В	20	005					CA	ALENE	DAR Y	EAR 2	006							CA	LEND	AR Y	EAR 2	2007			
	Y	V C	Y	E L	A L	С	0	D E C	J A N	F E B	M A R	A P R	M A Y	ZOZ	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	A L
MID/SE LANDBASED TOW TRACTOR/	05	N	400	0	400						20	15	13	30	30	30	30	30	30	30	30	20	15	5	7	10	4	30	21	0
TUG TECNOLOGIES CORP,																														
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Exhibit P-21 Production Schedule

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Exhibit P-21 Production Schedule

BUDGET PRODUCTION SCHEDULE, P-21																	DATE			FFR	RUA	ARY	2008						
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BUDGET PRODUCTION SCHEDULE, P-21 APPROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT, NAVY/BA-7													We	apo	n Sys	tem			ITE		ОМ	ENC	CLAT	2008 TURI DRA I	E	C-DI	ESE			
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BUDGET PRODUCTION SCHEDULE, P-21 APPROPRIATION/BUDGET ACTIVITY													We	apo	n Sys	tem		DATE		ΜN	ОМІ	ENC		URI	=					
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SHAFT ENGINE TEST INSTR. (SETI)	Com	bellilve	e, IDL				4		12		10											11			13			EAG	<u> </u>	_
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Exhibit P-21 Production Schedule CLASSIFICATION: **UNCLASSIFIED**

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R/F COMM/NAV T/S Tel-Instruments, Carlstad, NJ	08	N	400	100	300	40	40	40	40	40	40	40																		0
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MMG-1A REPLACEMENT			GROU T, NY				60		156		180					2						8			10			EACH	<u> </u>
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Exhibit P-21 Production Schedule

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Exhibit P-21 Production Schedule CLASSIFICATION: **UNCLASSIFIED**

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Item 61

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CLASSIFICATION: **UNCLASSIFIED**Exhibit P-21 Production Schedule

BUDGET PRODUCTION SCHEDULE, P-21												10/-		. 0			DATE						2008						
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Exhibit P-21 Production Schedule

BUDGET PRODUCTION SCHEDULE, P	-21												10/-		- Cur			DATE						2008						
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Exhibit P-21 Production Schedule

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BUDGET PRODUCTION SCHEDULE, P-21 APPROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT, NAVY/BA-7													Wea	apor	n Sys	tem		P-1 CR /		M N	OME	ENC	LAT							
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Exhibit P-21 Production Schedule CLASSIFICATION: **UNCLASSIFIED**

UDGET PRODUCTION SCHEDULE, P-21 PPROPRIATION/BUDGET ACTIVITY												V	/eapo	n Sys	tem		P-1	ITE	M N	FEB OME	ENC								
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Exhibit P-21 Production Schedule

BU	IDGET ITE	M JUST	TIFICATION	SHEET		DATE:						
							FEBRUARY 20	08				
APPROPRIATION/BUD	GET ACTIVI	TY		P-1 ITEM NO	MENCLATURE	070500 COM	ION GROUND	EQUIPMENT				
Aircraft Procureme	ent, Navy/I	3A-7				ICP/HEADQU	JARTERS MA	ANAGED SUF	PPORT EQUI	PMENT		
Program Element for Co	ode B Items:			Other Related	Program Elem	nents						
	Prior	l ID	I			I				1	То	
	Years	ID Code		FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	Complete	Total
QUANTITY												
COST (In Millions)		Α		33.811	25.271	25.644	24.793	27.211	28.094	28.085	Continued	Continued

General Program Description

This budget sub-line funds the procurement of end items of Peculiar Support Equipment (PSE) for out-of-production weapon systems, and Common Support Equipment (CSE) under the budget, procurement, and inventory control of the Naval Inventory Control Point (NAVICP). PSE and CSE end items are normally introduced into the fleet through NAVAIR development, and initial procurement. When design is stabilized and procurement packages are available, these items then migrate to NAVICP management, and are funded under this sub-line. NAVICP currently manages over 11,000 individual repairable SE end items. This subline also funds initial outfitting of new construction ships.

This sub-line also provides for the replacement of certain in-use PSE that are now marginally effective, due to obsolescence, or to the unavailability of associated logistics support. As a consequence, a logistically supportable replacement item must be designed and produced. This budget sub-line provides replacement of PSE support for out-of-production aircraft requirements only.

In addition, this sub-line provides for the completion of the design and production of: (1) certain PSE items that were not funded during the production phase of the weapon system, and (2) modifications to out-of-production aircraft PSE to extend its useful service life.

NAVAIR is responsible for the design, and initial production of the items cited above. When each is fully qualified, NAVICP will assume material management responsibility for the item.

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	WEAPONS SYSTEM COST ANALYSI P-5	S		Weapon S	ystem					DATE:	FEBRUARY	2008
	PRIATION/BUDGET ACTIVITY Procurement, Navy BA-7			ID Code A	A/C Comm	OMENCLATUR non Ground	Equipment	47C2	RT EQUIPI	MENT		2000
			TOTAL COS	ST IN THOUS	ANDS OF DO	LLARS						
COST	ELEMENT OF COST	ID Code	Prior Years		FY2007			FY2008			FY2009	
			Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost
	Additional CSE for initial outfitting of sites due to: (a) intro of weapon systems and (b) baseloading changes for existing weapon systems/subsystems.	А				5,557			4,600			1,600
	Additional PSE for initial outfitting of sites due to baseloading changes for out-of-production weapon systems and subsystems.	А				10,650			9,751			4,929
	New SE required for replacement of existing SE due to obsolesence and attrition.	А				14,080			7,686			15,808
76830	Production Engineering Support					3,524			3,234			3,307
			0)		33,811			25,271			25,644

BUDGET	Procurement, Navy BA-7 Element for Code B Items: Other Related Progra Prior ID Years Code FY 2007 FY Y		T	DATE:							
	PRIATION/BUDGET ACTIVITY t Procurement, Navy BA-7 Element for Code B Items: Other Relate Prior ID Years Code FY 2007								FEBRUA	RY 2008	
APPROPRIATION/BUD	GET ACTIVI	TY	P-1 ITEM NO	MENCLATURE	070500 COM	MON GROUND	EQUIPMENT				
Aircraft Procureme	nt, Navy E	3A-7			Consolidated A	Automated Sup	oport System				
Program Element for Co	de B Items:		Other Related	Program Elem	nents						
	Prior	ID								То	
	Years	Code	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY2013	Complete	Total
QUANTITY											
COST											
(In Millions)		Α	76.504	81.692	81.789	82.247	84.104	103.758	109.609	Continued	Continued

Program Coverage: The ACAT II Consolidated Automated Support System (CASS) program is chartered to replace the Navy's inventory of 30 + different types of computer based Automatic Test Equipment (ATE) with a single modern, cost effective COTS/NDI based ATE system, and has been designated as the Navy's Standard Family of ATE. There are five configurations of CASS which support the entire spectrum of electronics testing requirements from direct current to light: Hybrid [tests digital and analog], Radio Frequency (RF) [tests radars and electronic warfare systems], Communications Navigation IFF (CNI), Electro-Optics (EO) [tests FLIRs and LASERs] and Reconfigurable (RTCASS) [a man-transportable version of RF CASS]. CASS supports intermediate and depot level repair of aircraft, ship, submarine and other weapon system electronics. CASS performs fault detection and diagnostic testing of almost 3,000 different "black boxes" and associated circuit cards from F/A-18A/B/C/D/E/F, T-45, AV-8B, EA-6B, H-60, H-3, E-2, C-2, and V-22 as well as several NAVSEA/SPAWAR weapon systems.

Justification: CASS replaces older, legacy ATE systems that have become obsolete (parts are no longer available) and too expensive to maintain. CASS reduces afloat CV/CVN ATE manning from 104 to 54 billets and reduces the size of the AVCAL (spare parts) from 30,000 to 3,500. CASS also reduces technician Naval Enlisted Classifications (NECs) types, along with their training courses, from 32 to only 5. Each CV will deploy with 18 - 20 CASS stations and each LHD/LHA will deploy with 2 stations. CASS is utilized at Aircraft Intermediate Maintenance Departments (AIMDs) afloat and ashore, at USMC Marine Aviation Logistics Squadrons (MALS), and at Navy Fleet Readiness Center (FRCs). RTCASS supports USMC V-22 and fixed wing aircraft.

Current and budget year requirements are needed for CASS support of the following new and transitioning systems:

New Requirements: F/A-18E/F (multiple), MIDS (F/A-18), V-22, ATFLIR (F/A-18), CEC (E-2C), MH-60R/S (multiple systems), UH-1Y and AH-1Z, AN/ASN-139 (multiple aircraft), EGI (multiple aircraft).

Transitioning Legacy Testers: 30 legacy automatic testers that support Navy and USMC tactical air aircraft.

Modernized Mainframe CASS Stations (MOD MF CASS): Initiated mainframe CASS station modernization in FY-05 to modernize older CASS stations, (mid-1980s technology), to a newer baseline configuration. Moderized Mainframe CASS Program will employ a modern test architecture to facilitate insertion of test technologies required by changes to supported weapon systems and to ease the resolution of obsolescence issues.

In addition to production costs for RT CASS, CASS EO3 and CASS Modernization, program costs include: (1) incorporation of Class I ECPs to permit systematic insertion of new technology to meet requirements of new weapon system avionics such as inertial navigation capabilities, (2) incorporation of test technologies required to offload Test Program Sets (TPSs) from legacy ATE, (3) efforts to ameliorate obsolescence and improve system reliability, maintainability and supportability, (4) rehosting existing TPSs to leverage increased capabilities of new software technology, (5) providing support of CASS installation requirements at fleet sites afloat and ashore, (6) maintaining items contractually provided to contractors as Government Furnished Equipment, (7) maintaining supporting equipment used at CASS laboratory and testing facilities, and (8) providing ancillary equipment necessary for functionality of CASS.

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	WEAPONS SYSTEM COST AN	ALYSI	S			Weapon Sy	stem					DATE:	
	P-5											FEB	RUARY 2008
	RIATION/BUDGET ACTIVITY					ID Code	P-1 ITEM NO		URE/SUBHE				
Aircratt	Procurement, Navy/BA-7					Α			COMMON GR			4700	
-	T							Consolida	ated Automa	ated Suppo	ort System -	47C2	
			TOTAL COS	I IN THOUS	SANDS OF	DOLLARS							
COST	ELEMENT OF COST	ID	Prior		FY 2007			FY 2008			FY 2009		
CODE		Code	Years	0	Unit Cost	T-4-1 O4	O a satistic	Lu-it Ct	T-4-1 O4	0	Hait Cast	Tatal Cast	
			Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	
70100	RECONFIGURABLE TRANSPORTABLE (RT) CASS	Α	112,982	18	1,437	25,866	23	1,478	33,999	26	1,514	39,351	
70100	ELECTRO OPTICS (E03)	Α		5	1,389	6,947							
70100	MODERNIZED MAINFRAME (MOD MF) CASS	Α											
70100	ENGINEERING CHANGE PROPOSALS (ECPs)	В				8,280			11,512			11,275	
71800	INTEGRATED LOGISTICS SUPPORT (ILS)					6,490			7,858			5,099	
71830	PRODUCTION ENGINEERING SUPPORT (PE)					20,704			15,194			16,657	
71900	NON FMP INSTALLATIONS					4,174			6,794			4,412	
71910	FMP INSTALLATIONS					4,043			6,335			4,995	
			112,982			76,504			81,692			81,789	

DD FORM 2446, JUN 86

BUDGET PROCUREMENT HISTORY AND PLANNING	EXHIBIT (I	P-5A)				Weapon System		A. DATE		
									BRUARY	2008
B. APPROPRIATION/BUDGET ACTIVITY Aircraft Procurement, Navy/BA-7					C. P-1 ITEM NOT	MENCLATURE idated Automated Support S	vstem-		SUBHEAD 47C2	
Anorale Froodroment, Navy/BA F						- Automated Support S	yotom			
Cost Element/ FISCAL YEAR	QUANTITY	UNIT COST	LOCATION OF PCO	RFP ISSUE DATE	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWARD DATE	DATE OF FIRST DELIVERY	TECH DATA AVAILABLE NOW?	DATE REVISIONS AVAILABLE
RECONFIGURABLE TRANSPORTABLE (RT) CASS										
2007 LOT 5	18	1437	NAVAIR	N/A	C-FFP	BOEING COMPANY,ST LOUIS, MO	07/2007	10/2008	YES	
2008 LOT 6	23	1478	NAVAIR	N/A	C-FFP	BOEING COMPANY,ST LOUIS, MO	06/2008	10/2009	YES	
2009 LOT 7	26	1514	NAVAIR	N/A	C-FFP	BOEING COMPANY,ST LOUIS, MO	04/2009	01/2011	YES	
ELECTRO OPTICS (E03)										
2007 LOT 1	5	1389	NAWC LAKEHURST	N/A	SS/FFP	NORTHROP GRUMMAN, CHICAGO, IL	11/2006	06/2008	YES	
D. REMARKS										

DD Form 2446-1, JUL 87

BUDGET PRODUCTION S	CHED	ULE,	P-21															DATE				EBF				3				
APPROPRIATION/BUDGE AIRCRAFT PROCURI	T ACT EMEN	IVITY IT, N .	AVY/	/BA-7	,								W	eapo	n Sys	stem		P-1 CAS		M NC	OME	NCL	.ATL	JRE						
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		Mar	nufactu	ırer's								Αl	_T P	rior	Α	LT A	fter		nitia	ıl	Re	eord	er					Į	Jnit d	of
Item	1	Name	and L	ocatio	n	М	SR	EC	CON	М	AX	to	ОС	t 1		Oct	1	M ⁻	fg P	LT	Mt	fg PL	LT		Tota	ıl		М	eası	re
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RT CASS-LOTS 2-7			IG COMPANY 12 24 6 UIS, MO							60						7			0			21			28		E	ACI	1	
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RT CASS -LOT 4	06	N	16	0	16	2	1	1	1	1	2	1	2	1	1	1	2													0
RT CASS -LOT 5 RT CASS -LOT 6	07 08	N N	18 23	0	18 23	-								Λ.				1	2	1	2	1	2	1	2	1	2	1	2	0 23
RT CASS -LOT 6 RT CASS -LOT 7	08	N N	26	0	26	-								Α										Α						23
101 0100 -LOT 1	0.9	IN	20		20																									20
CASS EO3 LOT 1	07	N	5	0	5									1	1	1	1	1												0
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																		DATE												
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RT CASS-LOTS 2-7	BOEI ST LO	ING C	OMPA				12		24		60						7					· 9 ·	21			28			EAC	
RT CASS-LOT 8	MFG	TBD					12		36		48						7			26						33			EAC	CH
ITEM / MANUFACTURER	F	s	Q	D	В		2009		FIS	CAL Y	EAR 20		\	IDAR	YEAR	2010						FIS			2011	'EAR 2	011			
TEW/ WAND ACTURED	Y	V C	T Y	E L	A L	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	A U G	S E P	B A L
RT CASS - LOT 6	08	N	23	0	23	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	1									0
RT CASS - LOT 7	09	N	26	0	26																1	2	1	2	1	2	1	2	1	13
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ITEM / MANUFACTURER	F Y	S V C	Q T Y	D E L	B A L	0 C T	2011 N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	YEAR J U L	2012 A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	ALEN A P R	M A Y	ZEAR 2 J U N	013 J U L	A U G	S E P	B A L
RT CASS - LOT 7	09	N	26	13	13	2	1	2	1	2	1	2	2	IN	_	G	Г	-	V	C	IN	Ь	K	K	1	IN				0
																												 		
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Remarks:																														

DD Form 2445, JUL 87 311 / 244

Exhibit P-21 Production Schedule

										DATE:		
P-40										February 2	2008	
APPROPRIATION/BUDGET ACTIVITY	′				P-1 ITEM	NOMENCL	ATURE					
						070500 C	OMMON G	ROUND E	QUIPMENT	-		
APN-BA7 AIRCRAFT EQUIPMENT A	ND FACILIT	IES				Mobile Ma	intenance l	acilities				
Program Element for Code B Items:							Other Rela	ated Progra	m Element	S		
0206139M												
COMMON GROUND EQUIPMENT												
	Prior									То	Total	
	Years	ID Code	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	Complete	Program	
Quantity / Cost Cat												
Cost (\$M)	\$ 30.033	Α	\$ 11.513	\$ 11.574	\$ 11.793	\$ 6.914	\$ 7.065	\$ 7.207	\$ 7.360			

Program Description: Mobile Facilities (MFs) budgeted in this sub-line consist of basic equipment: 8'X8'X20' shelters, Modular Rigid Wall Shelters, Environmental Control Units, legacy Mobile Electrical Power generators which are being replaced with Mobile Tactical Quiet Generators. Also 60/400HZ Frequency Converters, Power Distribution Boxes, Resistive Load Banks, power cables, spreader bars, stacking blocks, scaffolds, slings, caster jacks, lashes, buckles, complexing/decomplexing tools/mobilizers, and associated publications and manuals. NAVAIR acts as the Primary Inventory Control Activity (PICA) for multiservice procurement of NAVAIR Mobile Facilities and related ancillary equipment.

Program Coverage: The requirement for this equipment is directed toward fulfilling Navy and Marine Corps Aviation requirements as well as other NAVAIR Program support. The basic concept is to provide containerized aviation logistics support to the operational commander that can be rapidly deployed by all transportation modes to any location in the world. Operationally, the MFs provide the Navy and Marine Corps with a quick response stand-alone capability to meet worldwide operational commitments. Economically, the MFs eliminate the need for "brick & mortar" construction, and allows for world wide transportability.

Justification: This sub-line will meet the ultimate goal of housing all Marine Corps Aviation and Air Trafic Control intermediate-level logistics support in MFs in accordance with the Table of Basic Allowance for Fleet Marine Forces Aviation Units and fulfill specific Navy Aviation mobile logistics requirements as outlined in individual Weapon System Planning Documents (WSPDs).

	WEAPONS SYSTEM COS P-5	ST ANA	LYSIS			Weapon Sy	stem						DATE: February 200	08
-	PRIATION/BUDGET ACTIVITY ft Procurement, Navy/Budget Activit	y 7				ID Code	P-1 ITEM NO	070500 CC	JRE/SUBHEA DMMON GR acilites (470	OUND EQU	IIPMENT			
			TOTAL COS	T IN THOUS	SANDS OF D	OOLLARS				/				
COST	ELEMENT OF COST	ID Code	Prior Years		FY 2007			FY 2008			FY 2009			
			Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost		
70500 70500 70500 70500 70500 70500 70500 75830 75900	Complex Decomplex Tool/Mobilizer Environmental Control Units (3T) Frequency Converters Mobile Facility Vans Tactical Quiet Generator Publications Production Engineering Support Non-FMP Installations	A A A A	590 1225 70 11563 9397 593 3607 2988	8 76 1 52 80 1	5.00 5.97 42.00 51.15 71.84	454 42	8 80 10 49 80 1	5.00 4.49 43.60 55.47 71.71	40 359 436 2718 5737 114 850 1321	8 80 10 47 78 1	5.00 5.16 44.90 58.15 75.64	413 449		
		•	30,033			11,513			11,574			11,793		

Totals may not add due to rounding DD FORM 2446, JUN 86

BUDGET PROCUREMEN	NT HISTORY	AND PLA	NNING EXHIBIT (P-5	A)		Weapon System		A. DATE		
				•				February 2	2008	
B. APPROPRIATION/BUDGET AC	TIVITY				C. P-1 ITEM NO	MENCLATURE			SUBHEAD	
Aircraft Procurement, Nav	y/Budget Activ	ity 7			070500 COM	MON GROUND EQUIPMENT				
					Common Gro	ound Equipment - Mobile Facilitie	es		47C2	
Cost Element/ FISCAL YEAR	QUANTITY	UNIT COST	LOCATION OF PCO	RFP ISSUE DATE	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWARD DATE	DATE OF FIRST DELIVERY	TECH DATA AVAILABLE NOW?	DATE REVISIONS AVAILABLE
Environmental Cntrl Unit										
FY-07	76	5.97	NAWCADLKE	02/07	C/FFP	Env. Sys. Jacksonville, FL	02/07	03/07	Yes	
FY-08	80	4.49	NAWCADLKE	10/08	C/FFP	Env. Sys. Jacksonville, FL	10/08	03/08	Yes	
FY-09	80	5.16	NAWCADLKE	10/09	C/FFP	Env. Sys. Jacksonville, FL	10/09	03/09	Yes	
Frequency Converters										
FY-07	1	42.00	NAWCADLKE	03/07	C/FFP	Unitron, Dallas, TX	09/07	09/08	Yes	
FY-08	10	43.60	NAWCADLKE	03/08	C/FFP	Unitron, Dallas, TX	09/08	09/09	Yes	
FY-09	10	44.90	NAWCADLKE	03/09	C/FFP	Unitron, Dallas, TX	09/09	09/10	Yes	
Mobile Facility Vans										
FY-07	52	51.51	NAWCADLKE	10/06	C/FFP	Gichner Shelter, Dallastown, PA	10/06	03/07	Yes	
FY-08	49	55.47	NAWCADLKE	10/07	C/FFP	Gichner Shelter, Dallastown, PA	10/07	03/08	Yes	
FY-09	47	58.15	NAWCADLKE	10/08	C/FFP	Gichner Shelter, Dallastown, PA	10/08	03/09	Yes	
Tactical Quiet Generator										
FY-07	80	71.84	CECOM Monmouth, NJ	03/07	SS/FFP	Fermont Bridgeport, CT	06/07	08/08	Yes	
FY-08	80	71.71	CECOM Monmouth, NJ	03/08	SS/FFP	Fermont Bridgeport, CT	06/08	01/09	Yes	
FY-09	78	75.64	CECOM Monmouth, NJ	03/09	SS/FFP	Fermont Bridgeport, CT	06/09	08/09	Yes	
D. DEMARKO								<u> </u>		

D. REMARKS

Note: Prices are based on previous contracts plus escalation. Quantities and cost are not always proportional. Buys are determined on total DOD procurements.

Totals may not add due to rounding

DD Form 2446-1, JUL 87

																		DATE:	Fe	brua	ry 20	800								
APPROPRIATION/BUDGET A	CTIVITY												Wea	pon	Sys	stem		P-1 IT	EM	NON	ЛEN	CLA	TUF	RE						
Aircraft Procurement, Navy/Buo			APN-	.7										•	•			Comm	non (Grou	ınd E	Eaui	ome	nt - I	Mob	ile F	acili	ties	(470	22)
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		Man	nufactu	ırer's			Ť			/2	2	AL	T Pri	ior	AL	T Af	ter	Ir	nitial		R	eorc	ler					Un	it of	i
Item	1	Name	and L	ocatio	n	MS	R	ECC	NC	MA	١X	to	Oct	1	(Oct 1	1	Mfg	g PL	Т	М	fg P	LT		Tota	I		Mea	asur	е
Tactical Quiet Generator	Ferm	ont, B	ridgep	ort, C	Τ	200)	350)	44	0					9						2			11			Eac	h	
	ITEM / MANUFACTURER F S Q D																													
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ITEM / MANUFACTURER													CALE	NDAF	R YEA	R 200)6						CA	LEND	AR Y	EAR 2	007			1
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Tactical Quiet Generator	06	N	136	0	136									Α														10	10	11
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ITEM / MANUFACTURER	F	S	Q	D	В	20	07			,			CALE	NDAF	R YEA	R 200	8						CA	LEND	AR Y	EAR 2	009			
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Tactical Quiet Generator	06	N	136	20	116	22	30	30	30	4									L			L						L		0
Tactical Quiet Generator	07	N	80	0	80											15	36	24			5									0
Tactical Quiet Generator	08	N	80	0	80									Α							40	40				Α		40	20	0
Tactical Quiet Generator	09	N	78	0	78																					Α		40	38	0
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Remarks:																														丄

DD Form 2445, JUL 87

Exhibit P-21 Production Schedule

Item 61
Page 37 of 42
CLASSIFICATION: **UNCLASSIFIED**

		BUDG		TIFICATION SHE				DATE:				
			P-4	10				February 2008				
APPROPRIATION/BUDGET ACTIVITY							P-1 ITEM NOM	ENCLATURE	070500 COMM	ON GROUND E	QUIPMENT	
Aircraft Procurement, Navy/Budget A	ctivity 7							Training				
Program Element for Code B Items:						Other Related F	Program Elemer	nts				
	Prior	ID									То	
	Years	Code		FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	Complete	Total
QUANTITY												
COST												
(In Millions)		Α		158.907	209.990	186.419	153.227	141.339	137.664	141.042	Continued	Continued

Common Ground Equipment - Training provides aircrew and aviation maintenance training systems in two categories:

General Training Equipment provides for the procurement of aviation training systems, including training devices and associated courseware, which are not associated with a specific aircraft platform. As required, includes modifications and updates to reflect changes in technology or operating environment.

Justification of Major Programs: The Maintenance Computer Based Training program's emphasis is on Fleet In-Service Training with its Aviation Maintenance Training Continuum Spectrum (AMTCS) Software Module (ASM) developed in support of training and readiness by integrating all training, training management tools, and associated infrastructure through an Automated Software Management Tool that tracks technical training across an individuals career. The Aircraft Firefighting program will procure mobile aircraft firefighting training systems for advanced skills training and for fleet damage control personnel. The Air Traffic Control (ATC) program provides the necessary simulated training for control tower operations, Carrier Air Traffic Control Center (CATCC) operations, Amphibious Air Traffic Control Center operations and advance radar operations. The 'A' School program's current focus is PC-Simulations to replace hardware training devices, curriculum content conversion to self-paced web delivered training, and electronic classroom systems to support delivery of training in the Integrated Learning Environment (ILE). The Naval Aviation Survival Training program provides mission critical training systems and systems support for Navy and Marine Corps aircrew and select DoD personnel.

Modification/Modernization of Trainers provides for acquisition and updates for training systems supporting out-of-production aircraft.

Justification of Major Programs: The Chief of Naval Aviation Training (CNATRA) program will provide a technical refresh to the T-45 simulator and will continue T-45 Operational Flight Trainer (OFT) acquisition and will support the T-44 Avionics Upgrade program and the TH-57 Service Life Extension Program (SLEP). The Undergraduate Military Flight Officer (UMFO) Training program acquires high fidelity weapons system simulators for UMFO training. The F/A-18 program will focus on simulator concurrency with the parent platform and refreshing key simulator sub-systems including visual systems, databases, threat models and aerodynamic properties. The Fleet Aircrew Simulator Training (FAST) Plan provides for trainer procurements and major upgrades to address Fleet (post-FRS) training requirements. P-3 will provide a technical refresh of the 2F179A Tactical Operations Readiness Trainer (TORT) and the 2F87 flight simulator. Visual and technological upgrades will be made to the current USMC platforms, i.e., H-1, CH-53, CH-46, V-22, AV-8B and the Presidential Helicopter training devices in addition to simulator network infrastructure installation at West coast USMC bases and procurement of training courseware and curriculum for transformational Marine Corps Aircraft.

DD Form 2454, JUN 86

	WEAPONS SYSTEM COS	ST ANAI	YSIS						Weapon Syst	tem						DATE:	
	P-5															Februa	ry 2008
	PRIATION/BUDGET ACTIVITY								ID Code			JRE/SUBHEA					
Aircraft F	Procurement, Navy/Budget Activity 7											MMON GRO	JND EQUIP	MENT			
									Α		Training -47	7C2					
			TOTAL COS	T IN THOUS	SANDS OF D	DOLLARS											
COST	ELEMENT OF COST	ID	Prior					FY2007			FY2008			FY 2009			
CODE		Code	Years					200.						2000			
								Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost		
70200	GENERAL TRAINING EQUIPMENT 1. A School Classroom Trainers/Training Devic 2. Aircrew Combat Training System (ACTS) 3. Air Traffic Control (ATC) 4. Aviation Phys & Water Survival Trainers 5. Maintenance Computer Based Training 6. Mission Rehearsal Pre-Planned Product Improvement (PPPI)/Support 7. Mobile Aircraft Firefighting Training Device (8. Other General Training Equipment Costs						3	655	5,477 2,811 1,498 671 12,048 825 1,965 2,303	3	671	9,672 3,611 1,054 3,688 11,956 863 2,013 2,035	3	686	9,450 1,082 3,774 11,591 884 2,058 2,748		
									27,598			34,892			31,587		

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	WEAPONS SYSTEM CO	ST ANA	LYSIS						Weapon Sys	tem						DATE:		
	P-5															Februa	ry 2008	
	PRIATION/BUDGET ACTIVITY								ID Code	P-1 ITEM NO		JRE/SUBHEA						
Aircraft F	Procurement, Navy/Budget Activity 7										070500 CC	MMON GRO	JND EQUIP	MENT				
									Α		Training -47	7C2						
			TOTAL COS	T IN THOUS	SANDS OF I	OOLLARS												
COST	ELEMENT OF COST	ID	Prior				l	FY 2007			FY 2008			FY 2009		ı		
CODE	ELEMENT OF COOT	Code	Years					1 1 2007			1 1 2000			1 1 2003				
			Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost			
	MODIF/MODERN OF TRAINERS 9. CNATRA Trainer Support 10. Direct Support Readiness Training 11. E-6 Trainers/Support 12. EA-6B Trainers/Support 13. EP-3 Trainer Upgrade/Support 14. F/A-18 Trainers/Support 15. Fleet Aircrew Simulator Training (FAST) 16. P-3 Trainer Support 17. T-45 Simulator Upgrade 18. Undergraduate Military Flight Officer (UMF 19. USMC Federation Simulators 20. Other Modif/Modern of Trainers Costs		ing						11,452 3,200 5,859 1,994 626 2,532 50,210 7,325 0 17,411 26,735 3,965			2,738 3600 4,482 1,755 656 4,462 51,375 2,735 7,456 16,243 75,329 4,267			2,903 0 208 157 664 5,771 51,922 2,835 7,456 37,100 41,129 4,687			
	SUBTOTAL - MODIF/MODERN OF TRAINER	S			-				131,309		-	175,098			154,832			
	10440 ### 00								158,907	1		209,990			186,419			

DD FORM 2446, JUN 86

BUDGET PROCUREM	IENT HISTO	RY AND P	LANNING EXHIBIT	(P-5A)		Weapon System		A. DATE		
					1				Februai	y 2008
B. APPROPRIATION/BUDGET					C. P-1 ITEM NON				SUBHEAD	
Aircraft Procurement, N	lavy/Budget	Activity 7				070500 COMMON GROUN Training	ID EQUIP		47C2	
Cost Element/ FISCAL YEAR	QUANTITY	UNIT COST	LOCATION OF PCO	RFP ISSUE DATE	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWARD DATE	DATE OF FIRST DELIVERY	TECH DATA AVAILABLE NOW?	DATE REVISIONS AVAILABLE
Mobile Aircraft Firefighting	l g Training Dev l	ice (MAFTD)								
FY2007	3	655	NAWCTSD	TBD	SS/Option	KIDDE FIRE TRAINERS, INC MONTVALE NJ	12/06	10/07	Y	
FY2008	3	671	NAWCTSD	TBD	SS/Option	KIDDE FIRE TRAINERS, INC MONTVALE NJ	12/07	10/08	Y	
FY2009	3	686	NAWCTSD	TBD	SS/Option	KIDDE FIRE TRAINERS, INC MONTVALE NJ	12/08	10/09	Y	
D. REMARKS										

DD Form 2446-1, JUL 87

SIMI II ATOR	AND TRAINING DEVIC	E ILISTI	FICATION	ı						DATE:	Februa	ary 2008														
	ropriation/P-1 Line Item		. IOATION	1						Weapon :	Syster	n												IOC		
	urement, Navy/B.A.7/0				Traini	ng/47C2																				
Training			Ready for		Б.	.,	5)		_	, aaa a	-	, , , , , ,	E) /		E) (5),	0011		,	-	, , , , , ,			_	
Device by Type	Site	Delivery	Training Date	Student Throughput		Years Cost		2006 Cost		' 2007 Cost		²⁰⁰⁸ Cost	Qty	2009 Cost	Qtv	2010 Cost	Qty	2011 Cost		/ 2012 Cost		²⁰¹³ Cost		Cost	Qty	otal Cost
	aft Firefighting Trainin				<u> </u>	000.	۵۰٫		α.,		٠٠١		ري	000.	α.,		۵۰٫	0000	α.,	000.	ري	000.	α.,	000.	Δ.,	
Mobile Aller	Trengming Training	g Device	<u> </u>																							
	NAS Brunswick NAS Whidbey Island MCAS Quantico TBD TBD TBD TBD TBD TBD TBD TBD	10/07 10/07 10/07 10/08 10/09 7/10 7/11 7/12 7/13	10/07 10/07 10/07 10/08 10/09 7/10 7/11 7/12 7/13	1000 1000 1000 1000 1000 1000 1000 100					1 1 1	655 655 655	3	2,013	3	2,058	3	2,106	2	1,566	1	800	2	1,600			1 1 1 1 3 3 3 3 2 1 1 2	655 655 655 2,013 2,058 2,106 1,566 800 1,600
Total									3	1,965	3	2,013	3	2,058	3	2,106	2	1,566	1	800	2	1,600			17	12,108
Description						l					I.		I		I						<u> </u>			l	1	

	BUDO	SET ITEN	/ JUSTIF	ICATION	SHEET					DATE:		
P-40										February :	2008	
APPROPRIATION/BUDGET ACTIVITY APN-BA7 AIRCRAFT EQUIPMENT AN	D FACILITI	ES			P-1 ITEM 071500 ,		_	STRIAL I	ACILITII	ES		
Program Element for Code B Items:							Other Rela	ated Progra	m Element	S		
0204161N							0204164N					
AIRCRAFT INDUSTRIAL FACILITIES												
	Prior Years	ID Code	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Program	
Quantity / Cost Cat												
Cost (\$M)	\$ 902.426	Α	\$ 9.434	\$ 10.739	\$ 11.068	\$ 10.303	\$ 10.557	\$ 10.760	\$ 10.985	Cont	Cont	

DESCRIPTION: This budget line item funds two programs: Calibration Equipment & Contractor Facilities

Calibration Equipment Description:

Calibration Equipment funds are used to procure Calibration Standards (CALSTDs) and ancillary equipment for Aviation Fleet Intermediate Calibration Activities, Fleet Training Activities, Aviation Nawy Calibration Laboratories (NCLs), and the Nawy Primary Standards Laboratory (NPSL). CALSTDs procured for Fleet 'l' level use are to replace obsolete and/or irreparable equipment, expand technical measurement capabilities to decrease Depot support costs, reduce out-of-service turn around times, provide enhanced forward deployed geographic support and reduce/control the NAVAIR cost of ownership associated with Calibration. Fleet 'l' level calibration activities support 70% of the total Fleet calibration workload. Maintenance of Fleet calibration capability through this funding results in the release of more expensive Depot level support man-hours for more complex calibration maintenance and calibrations where economy of scale costs dictate single site or geographic calibration center capability. CALSTDs procured for NCLs and the NPSL allow for the automation and improvement of calibration procedures in order to reduce Fleet asset out-of-service and Turn around Time, expand technical calibration capabilities for enhanced in-theater Fleet support, and replace obsolete and high support cost CALSTDs.

Contractor Facilities Description:

NAVAIR owns two active, contractor operated aircraft manufacturing plants and several hundred acres of environmentally contaminated land at two former plants. NAVAIR is the environmental permitee at three sites, legally responsible for environmental compliance including cleanup of offsite private property contaminated by activity originating on NAVAIR property. All NAVAIR property is in the process of disposal, but federal law requires environmental cleanup to be complete and fair market value to be paid if property is sold. The ASN (I&E), OGC, GSA and NAVAIR are in charge of parts of the disposal process which cannot be controlled by NAVAIR. Therefore final disposal dates are uncertain. This budget funds costs associated with property ownership including management of existing leases at operating facilities. Termination of funding prior to divestiture would cause NAVAIR to violate Subchapter C of the Federal Management Regulations, Federal Environmental Laws and NAVAIR Contracts.

	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	Complete
CALIBRATION EQUIPMENT	8.539	9.841	10.137	10.303	10.557	10.760	10.985	Cont
CONTRACTOR FACILITIES	.895	.898	.931					
Total	9.434	10.739	11.068	10.303	10.557	10.760	10.985	Cont

1. FY2008 funding totals do not include \$0.8M previously requested for current FY2008 GWOT requirements.

CLASSIFICATION:

UNCLASSIFIED

BUDGET ITEM JUSTIFICATION SHEET FOR	AGGREGATED ITEMS	DATE:
P-40a		February 2008
APPROPRIATION/BUDGET ACTIVITY	P-1 ITEM NOMENCLATURE	
APN-BA7 AIRCRAFT EQUIPMENT AND FACILITIES	071500, AIRCRAFT INDUSTRIAL FACILITI	ES

APN-BA/ AIRCRAFT EQUIPMENT A	ND FACILI	IIES			U/1500,	AIRCRA	FI INDU	SIRIALI	ACILITI	ES		
AIRCRAFT INDUSTRIAL FACILITIES												
Procurement Items	ID Code	Prior Years	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Program	
Automated/Interface CALSTD	A											
Quantity			164	57	76	95	138	124	88	Cont	Cont	
Funding		10,284	944	96	177	230	375	385	295	Cont	Cont	
Low Frequency AC/DC CALSTD	A											
Quantity			87	185	167	138	112	117	120	Cont	Cont	
Funding		87,428	883	1,653	2,198	1,930	1,655	1,799	1,885	Cont	Cont	
Other CALSTD Procurement	A											
Quantity			108	152	73	57	56	91	83	Cont	Cont	
Funding		7,239	1,337	1,337	475	375	375	631	634	Cont	Cont	
Other Costs		97,132	1,792	2,171	2,219	2,294	2,331	2,392	2,451	Cont	Cont	
Physical Dimen/Optical CALSTD	A											
Quantity			98	140	116	138	113	96	100	Cont	Cont	
Funding		104,852	1,120	1,746	2,943	3,554	2,957	2,521	2,650	Cont	Cont	
RF/Microwave CALSTD	A											
Quantity			81	45	93	80	108	109	111	Cont	Cont	
Funding		82,745	1,884	1,690	1,883	1,638	2,275	2,587	2,651	Cont	Cont	
Res/Impedance CALSTD	A											
Quantity			246	568	94	104	207	136	123	Cont	Cont	
Funding		35,033	579	1,148	242	282	589	445	419	Cont	Cont	
Contractor Facilities	A	477,713	895	898	931							
Total		902,426	9,434	10,739	11,068	10,303	10,557	10,760	10,985	Cont	Cont	

	BUDG	ET ITEM	JUSTIFI	CATION	SHEET					DATE:		
			P-40							February 2	2008	
APPROPRIATION/BUDGET ACTI	VITY				P-1 ITEM	NOMENCL	ATURE					
APN-BA7 AIRCRAFT EQUIPMEN	NT AND FACILITIE	ES			072000 \	WAR CO	NSUMAE	BLES (J7	C5)			
Program Element for Code B Items	s:						Other Rela	ated Progra	m Element	s: (Project	3189) Digita	al I-TER
0204164N/0204161N							RDT&E: 0	205633N (I	Project 31	90) Multi-P	urpose Bon	nb Racks
WAR CONSUMABLES												
	Prior Years	ID Code	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY2013	To Complete		Total Program
Quantity												
Cost (\$M)	\$493.8	Α	\$39.7	\$65.9	\$62.3	\$64.3	\$60.1	\$57.2	\$56.2	Cont	Cont	Cont

DESCRIPTION:

The WAR CONSUMABLES P-1 line item has two subcategories: Common Aircraft Ancillary Equipment (AAE) and Aerial Refueling Stores (ARS). The Common AAE program procures common bomb racks, peculiar bomb racks, launchers, External Fuel Tanks (EFT) and related support for USN/USMC platforms. The ARS portion procures aerial refueling stores.

COMMON AIRCRAFT ANCILLARY EQUIPMENT (AAE)

As directed by OPNAVINST 8000.16B (Naval Ordnance Maintenance Management Program (NOMMP), the appropriation provides for procurement of new AAE to replace attrition losses, provides for production engineering support, and satisfies commonality policy goals set forth by the Navy's Strike Warfare Master Plan. Specifically, the following equipment is procured in AAE:

- Bomb Rack Upgrades to include reliability improvements.
- Launcher Upgrade & Installations to include modifications of LAU-115C/A, LAU-115D/A, LAU-127, LAU-7 and associated equipment.
- Procurement of new LAU-7 hardware for Navy and Marine Corps tactical aircraft.
- Pure Air Generating System (PAGS)/High Pressure Pure Air Generators (HIPPAG) are an on-board coolant generator for infrared (IR) seeking missiles.
- Replacement External Fuel Tanks for F/A-18 (variants), required to meet the Fleet Response plan and replace original equipment due to fatigue issues.
- Multi-Purpose Bomb Rack (MPBR) will combine the capabilities of existing bomb racks (BRU-41/42/33/55) with the ability to employ both tactical and training stores.

AERIAL REFUELING STORES (ARS)

The ARS program finances Aerial Refueling Systems. Requirements are determined by an inventory objective, which supports peacetime/wartime needs. Aircraft equipped with the A/A42R-1 Aerial Refueling Stores (ARS) are required for all carrier based tanking missions (overhead tanking (primarily recovery focused), strike, and yo-yo tanking). Total reliance on the ARS and integration to the F/A-18E/F requires substantial improvements to the existing stores to ensure their viability through 2040. Investigation of major subsystems in pursuit of life cycle cost savings, mitigation of flight safety risk, and reliability enhancements have identified a large dollar value return on investment for service life extension, reduction in flight safety risk, and areas where reliability improvements can be realized.

FY09 provides funding to procure Bomb Rack Upgrade and Installation, Launcher Upgrade and Installation, LAU-7, PAGS, External Fuel Tanks, Aerial Refueling Stores and associated support.

- 1. FY2007 funding total includes \$34.9M received in GWOT supplemental.
- 2. FY2008 funding totals do not include \$16.1M previously requested for current FY2008 GWOT requirements.

P-1 SHOPPING LIST

CLASSIFIC	ATION: OTTOLAGOTI														
	WEAPONS SYSTEM COST ANALYSIS					Weapon Sy	stem			DATE:					
	P-5											F	ebruary 200	8	
APPROF	PRIATION/BUDGET ACTIVITY					ID Code	P-1 ITEM NO	MENCLATURE	/SUBHEAD				•		
APN/BA7	AIRCRAFT EQUIPMENT AND FACILITIES					Α	072000	War Cor	sumables	s (J7C5)					
			ALL COSTS IN	LTHOUSAN	DS OF DO					(0.00)					
			, LE 00010 III	1110007414	DO 01 DO	LL/ II (O									
COST	ELEMENT OF COST	ID	Prior		FY2007			FY2008			FY2009				
CODE		Code	Years												
			Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost			
	COMMON AAE														
73600	Bomb Rack Upgrade & Install (Note 1)	Α	18,161			1,577			1,336			1,475			
	Launcher Upgrade & Installation (Note 2)		1,206			7,997			18,485			8,309			
73600	LAU-7	Α	42,062	194	31.324	6,077	568	29.127	16,544	464	29.709	13,785			
73600	Pure Air Generating System F/LAU-7		1,710			0	568	16.891	9,594	464	17.127	7,947			
73600	High Press. Pure Air Gen.	Α	45,119	237	29.464	6,983			0			0			
73600	Rack and Launcher Test Set		1,095			0			0			0			
73600	External Fuel Tanks		4,000			4,965	143	72.000	10,296	214	73.440	15,716			
73600	BRU-55		10,988			0			0			0			
73600	ILS		5,918			0			667			685			
	Product Improvement		12,340			717			3,205			2,823			
	Product Engineering		24,161			3,084			2,200			2,244			
	Multi Purpose Bombs Rack (Note 3)	В	0			4,781									
	Digital I-TER	В	0												
73600	Various (Note 4)		131,124												
	TOTAL COMMON AAE		297,884			36,181			62,327			52,984			
	Aerial Refueling Stores														
	Aerial Refueling Stores		27,538			3,036			3,073			8,692			
	Production Support		6,417			480			520			580			
73500	Various (Note 4)		161,960												
	TOTAL AERIAL REFUELING STORES		195,915			3,516			3,593			9,272			
	Total P-1 line item		493,799			39,697			65,920			62,256			
	Total F-1 line item	1	493,799			39,097	l		05,920			02,236	l		

Notes:

- (1) Quantities are not reflected due to procuring different bomb racks for multiple aircraft T/M/S.
- (2) FY08 includes Congressional Add of \$1.0M for LAU-7 Sidewinder Missile Launcher Replacement Program.
- (3) FY07 includes Congressional Add of \$4.8 for Multi-Purpose Bomb Racks.
- (4) The amount identified against this cost element reflects total prior year funding associated with equipment no longer procured.

CLASSIFICATION:

UNCLASSIFIED

Columns may not add due to rounding DD FORM 2446, JUN 86

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P-1 SHOPPING LIST

Exhibit P-5 Cost Analysis

CLASSIFICATION:

UNCLASSIFIED

BUDGET PROCUREN	MENT HISTO	RY AND P	ANNING EXHIBIT	Г (P-5A)		Weapon System		A. DATE		
								Februa	ry 2008	
. APPROPRIATION/BUDGET APN/BA7 AIRCRAFT		T AND FAC	CILITIES		C. P-1 ITEM NON 072000	MENCLATURE War Consumables			SUBHEAD J7C5	
Cost Element/ FISCAL YEAR	QUANTITY	UNIT COST	LOCATION OF PCO	RFP ISSUE DATE	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWARD DATE	DATE OF FIRST DELIVERY	TECH DATA AVAILABLE NOW?	DATE REVISION AVAILABL
AU-7										
FY-06 FY-07 FY-08 FY-09	79 194 568 464	32.432 31.324 29.127 29.709	NAVAIR NAVAIR NAVAIR NAVAIR	Option Option Jul-07 Option	SS/FP SS/FP C/FP C/FP	Marvin Eng. Englewood, CA Marvin Eng. Englewood, CA TBD TBD	Dec-06 Aug 07 Mar-08 Mar-09	Nov-07 Aug 08 Mar-09 Mar-10	Yes Yes Yes Yes	N/A N/A N/A N/A
ure Air Generator Systems						Marrotta Inc				
FY-08	568	16.891	NAVAIR	Option	C/FP	Montville,NJ Marrotta Inc	Mar-08	Mar-09	Yes	N/A
FY-09	464	17.127	NAVAIR	Option	C/FP	Montville,NJ	Mar-09	Mar-10	Yes	N/A
igh Press. Pure Air Gen.										
FY-07	237	29.464	NAVAIR	Option	SS/FP	Ultra Electronics, England	Feb-07	Nov-07	Yes	N/A
xternal Fuel Tanks FY-08	143	72.000	NAVAIR	Dec-06	C/FP	TBD	May-08	May-09	Yes	N/A
FY-09	214	73.440	NAVAIR	Option	C/FP	TBD	May-09	May-10	Yes	N/A N/A
. REMARKS										

P-1 SHOPPING LIST

CLASSIFICATION:

Columns may not add due to rounding

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PAGE NO. 3

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

BUDGET PRODUCTION SCHED		·21																DATE			Fek									
PPROPRIATION/BUDGET ACTI	VITY												Wea	apon	Sys	stem		P-1	ITEN											
Y2009 PRESIDENT'S BUD	GET F	PROD	DUCT	ION	SCH	EDU	ILE											07	72000)	Wa	r C	ons	sun	nab	les			J7C	; 5
							Pro	ducti	on F	Rate					Pro	cure	mer	it Le	adtim	es										
		Mar	nufactu	ırer's									T Pi		AL	T Af	ter		nitial			eord						Ur	nit of	i
Item		Name	and Lo	ocatio	n		SR		ON		٩X	to	Oct	t 1	(Oct 1	1	Mf	fg PL	Т		gΡ	LT		Tota				asur	е
AU-7	TBD					300		450		600						6			12			12			18			Е		
ure Air Generating System		otta, M	1ontvill	e, NJ		300		450		650						6			12			12			18			Е		
kternal Fuel Tanks	TBD					100		100		400						8			12	_		12			12			E		
igh Pressure Pure Air Gen	ULTF	RA Ele	ectronic	cs, En	gland	100		300		500						4			12			12			16	i		E		
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				_		C T	0 V	E C	A N	E B	A R	P R	A Y	U N	U L	U G	E P	C T	0 V	E C	A N	E B	A R	P R	A Y	U N	U L	U G	E P	
LAU-7 Marvin Eng.	06	N	79	0	79			Α											10	25	25	19								
LAU-7 (TBD) LAU-7 (TBD)	07 08	N N	194 568	0	194 568											Α							Α					27	27	1 5
LAU-7 (TBD)	08	IN	508	U	568																		А							5
Pure Air Gen. System, Marotta	08	N	568	0	568																		Α							5
External Fuel Tanks (TBD)	08	N	143	0	143																				Α					1.
High Pressure Pure Air Gen (Ultra)	07	N	237	0	237					Α									7	20	16	24	24	24	24	24	24	25	25	
										FISC	AL YE	AR 20	009									FISC	CAL Y	EAR	2010					
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	Y	V C	T Y	E L	A L	O C	N O	D E	J A	F E	M A	A P	M A	U	J	A U	S E	O C	N O	D E	J A	F E	M A	A P	M A	Ŋ	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	L
LAU-7 (TBD)	07	N	194	54	140	28	28	28	28	28																				
LAU-7 (TBD)	08	N	568	0	568						47	47	47	47	47	47	47	47	48	48	48	48								
LAU-7 (TBD)	09	N	464	0	464						Α												39	39	39	39	39	39	39	1
Pure Air Gen. System, Marotta	08	N	568	0	568						47	47	47	47	47	47	47	47	48	48	48	48								
Pure Air Gen. System, Marotta	09	N	464	0	464						A	71	71	71	71	71	71	71	70	,,,	70	70	39	39	39	39	39	39	39	1
External Fuel Tanks (TBD)	08	N	143	0	143								12	12	12	12	12	12	12	12	12	12	12	11						L
External Fuel Tanks (TBD)	09	N	214	0	214								Α												17	17	18	18	18	1
	1																									+				H

Exhibit P-21 Production Schedule

BUDGET PRODUCTION SCH			1																E: F											
APPROPRIATION/BUDGET AC FY2009 PRESIDENT'S BU			וחסי	ICTIO	S NC	СНЕ	וום	II E				· '	Wea	pon	Sys	stem	1		ITEN 7200											
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Item				.ocatio	n	MS	SR	1-8	3-5	MA	٩X		Oct			Oct			fg PL			fg P			Tot	al		Mea		
																			J			<u> </u>								
LAU-7	TBD					300		450		600						6			12			12			18			Е		
Pure Air Generating System		otta, N	/lontvil	le, NJ		300		450		650						6			12			12			18			Е		
External Fuel Tanks	TBD					100		100		400						2			12			12			12	2		Е		
																								-			-	—	—	
	十一								FIS	CAL YE	EAR 2	2011										FISC	CALY	/EAR	2012					
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LAU-7 (TBD)	09	N	464	273	191	39	38	38	38	38																				0
LAU-7 (TBD)	09	IN	404	213	191	39	38	38	38	38																				U
Pure Air Gen. System, Marotta	09	N	464	273	191	39	38	38	38	38																				0
External Fuel Tanks (TBD)	09	N	214	88	126	18	18	18	18	18	18	18																	\vdash	0
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ITEM / MANUFACTURER	F Y	S V	Q T	D E	В		012	1		1				IDAR	YEAI	R 201						1		ı	ı					В
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Remarks:																								<u> </u>				<u> </u>		_
Committee.																														

DD Form 2445, JUL 87 311 / 244

	ВІ	JDG	ET ITEN	/I JUSTI	FICAT	ION	SHEET						DATE:		
P-40													February :	2008	
APPROPRIATION/BUDGET ACTIVITY APN-BA7 AIRCRAFT EQUIPMENT AI		LITII	ES				P-1 ITEM 072500 ,				TION CH	ARGES			
Program Element for Code B Items: 0204571N									Oth	ner Rela	ted Progra	m Element	S		
OTHER PRODUCTION CHARGES															
	Prio Year		ID Code	FY 2007	FY 20	800	FY 2009	FY 2010	FY	⁷ 2011	FY 2012	FY 2013	To Complete	Total Program	
Quantity / Cost Cat															
Cost (\$M)	\$ 7	8.7	Α	\$ 19.	9 \$ 2	20.5	\$ 27.9	\$ 27.9	\$	22.6	\$ 23.0	\$ 23.5	Cont	Cont	

DESCRIPTION: The Other Production Charges line provides funds for miscellaneous production support and testing services, aircraft cameras, aircraft pods, and instrumentation packages supporting tactical aircrew combat training and mobile sea range systems. The budget request supports the following efforts:

COMMON AVIONICS DECENTRALIZED:

Programmatic and technical support to Air Combat Electronics Program (PMA-209) in-production systems.

TACTICAL COMBAT TRAINING SYSTEM (TCTS)

The TCTS program will procure fixed, transportable, and mobile range equipment for the Navy for both shore-based (aircrew training) and deployable (ship/aircrew training) applications. TCTS instrumentation will transmit and track all exercise participants and events, e.g., weapons engagements; and provide accurate, realistic, and timely exercise feedback. TCTS is building on technology developed for existing tactical training range systems. This procurement primarily acquires airborne instrumentation participant subsystems for F-18/AV-8B Internal Subsystem (IS), Rotary and Transport Aircraft Rack-mounted Subsystem (RS), and other tactical aircraft Airborne Subsystem (AS).

CLASSIFICATION:

CLASSIFICATION:

UNCLASSIFIED

	WEAPONS SYSTEM COST ANALYS	IS									DATE:					
	P-5										Februa	ary 2008				
	PRIATION/BUDGET ACTIVITY			P-1 ITEM NO	MENCLATU	JRE/SUBHEA	D									
Aircraf	t Procurement, Navy/BA-7															
				072500 Other Production Charges												
			TOTAL COS	AL COST IN THOUSANDS OF DOLLARS												
COST	ELEMENT OF COST	ID	Prior	FY 2	007			FY 2008			FY 2009					
CODE		Code	Years							Overtite Unit Coat Tatal Coa						
			Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost				
												1				
	Common Avionics Decentralized (PMA 209)		612			465										
74950	TCTS Participant Subsystem	А	17,001	164	103	16,925	232	80	18,524	297	84	24,88				
	ILS	Α	2,461			200			1,208			1,946				
	Acceptance Test	Α	2,192			1,250			185			185				
	Other Costs	Α	56,421			1,048			574			856				
ı																
			78,687			19,888			20,491			27,870				

DD FORM 2446, JUN 86

P-1 SHOPPING LIST

ITEM NO. 64 PAGE 2 of 4

BUDGET PROCURE	MENT HISTO	RY AND P	LANNING EXHIBIT	(P-5A)		Weapon System	A. DATE	February 2008		
B. APPROPRIATION/BUDGE Aircraft Procurement,					C. P-1 ITEM NON	L MENCLATURE DUCTION CHARGES-1	стѕ	1	47C6	00
Cost Element/ FISCAL YEAR	QUANTITY	UNIT COST	LOCATION 16.166	RFP ISSUE DATE	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWARD DATE	DATE OF FIRST DELIVERY	TECH DATA AVAILABLE NOW?	DATE REVISIONS AVAILABLE
TCTS Participant Subsystem Airborne Subsystem										
FY2007 FY2008 FY2009	164 232 297	103 80 84	ACC/WMR ACC/WMR ACC/WMR	12/02 12/02 12/02	FFP FFP FFP	Cubic San Diego, CA Cubic San Diego, CA Cubic San Diego, CA	1/07 1/08 10/08	12/07 1/09 9/09	N/A N/A N/A	N/A N/A N/A
D. REMARKS										
D. REMARKS		ı								

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PRODUCTION SCHEDULE, P-2	21																	DATE	Ξ	Febr	uary 2	2008								
APPROPRIATION/BUDGET AC	TIVIT	7											Wea	apon	Sys	stem		P-1	ITE	M N	OM	ENC	LAT	UR	E					
APN-7/AIRCRAFT SUPPO	RT E	:QUII	PMEI	NT &	FAC	ILI	ΓIE	S										OTI	HER	PR	ODI	JCT	ION	СН	ARC	ES	- TC	:TS		
							Pro	oduc	ction	Rate								nt Le	adtir	mes	,									
			nufactu										T Pi			T At			Initia			eord	-					_	it of	
Item			and Lo		'n	_	SR		ON	MA		to	Oct	t 1	•	Oct '	1	M	fg Pl	<u>LT</u>		fg P	LT	<u> </u>	Tota		Ш.	Mea	ısure)
TCTS Participant Subsystems	Cubic	<u>c, San</u>	Diego	<u>CA د</u>		1	<u> </u>	4	1	50	5	↓	0			0		Ь	6			11		<u> </u>	12		Щ	EΑ		
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									F	ISCAL Y	YEAR	2006										FISC	CAL YI	EAR	2007					
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Participant Subsystem	07	N	164	0	164	<u> </u>	₩					 							$\vdash \vdash$		Α				₩			 		164
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Participant Subsystem	07	N	164	0	164		-	164				 							$\vdash \vdash$					<u> </u>	 		ऻ—	<u> </u>		0
r anticipant Subsystem	07	IN	104		104			104																	-		<u> </u>	 		
Participant Subsystem	08	N	232	0	232				Α												232									0
Participant Subsystem	09	N	297	0	297		-			 		<u> </u>						Α							₩		ऻ	<u> </u>	297	0
r anticipant Subsystem	09	IN	291		291			-																	-		<u> </u>	 	231	-
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Remarks:																											Ь			—

311 / 244

UNCLASSIFIED CLASSIFICATION:

			BUDGET ITEM JU	DATE:										
			F	-40					February 2	800				
APPROPRIATION/BU	IDGET ACTIVIT	Υ					P-1 ITEM NOMENCLATURE							
Aircraft Procuren	nent, Navy/B	A 7					073500 SF	PECIAL SUP	PORT EQU	IPMENT - 47	7 C7			
Program Element for (Code B Items:						Other Related	Program Elen	nents					
	Not Appli	cable						Not Applic	able					
	Prior	ID								То				
	Years	Code	FY 2007	FY 2008	FY 2009	FY 2010	FY2011	FY 2012	FY2013	Complete	Total			
QUANTITY														
COST														
(In Millions)	741.437		64.345	57.921	36.539	43.065	40.566	39.464	35.601	continuing	continuing			

Details of this P-1 item are classified. Justification of this request is provided separately.

FY 2008 funding totals do not include \$245.0 M previously requested for current FY 2008 GWOT requirements.

UNCLASSIFIED ITEM No. 65 CLASSIFICATION: DD Form 2454, JUN 86 PAGE 1 of 1

P-40	BUDG	SET ITEN	M JUSTIF	ICATION	SHEET					DATE: February	2009	
APPROPRIATION/BUDGET	ACTIVITY				P-1 ITEM	NOMENCI	ΔTURE			rebruary	2006	
Aircraft Procurement, Navy							ESTINAT	ION TRA	NSPORT	TATION		
Program Element for Code B					10000,		Other Rela					
TRANSPORTATION												
	Prior Years	ID Code	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Program	
Quantity / Cost Cat											· · · · · · · · · · · · · · · · · · ·	
Cost (\$M)	\$ 61.272		\$ 3.815	\$ 1.707	\$ 1.756	\$ 1.771	\$ 1.806	\$ 1.839	\$ 1.875	Cont	Cont	
BASIS FOR FY 2009 BUDGE	ET REQUEST: Funds a	are for FY 2	2009 First [Destination	Transporta	tion require	ements.					

P-40	BUDGET	ITEM JU	STIFICA	TION SH	EET				DATE:	2000				
APPROPRIATION/BUDGET ACTIVI	TV			D 1 ITEM	NOMENCI	ATUDE			February	2006				
APN-BA7 AIRCRAFT EQUPMENT		IES		P-1 ITEM NOMENCLATURE 079000, CANCELLED ACCOUNT ADJUSTMENTS										
Program Element for Code B Items:			Other Related Program Elements											
ADJUSTMENTS														
	Prior Years	ID Code	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Program			
Quantity / Cost Cat														
Cost (\$M)			\$ 1.180							Cont	Cont			

DESCRIPTION: This line finances cancelled account adjustments.