

DEPARTMENT OF THE NAVY  
FISCAL YEAR (FY) 2001  
BUDGET ESTIMATES



JUSTIFICATION OF ESTIMATES  
FEBRUARY 2000

AIRCRAFT PROCUREMENT, NAVY  
Volume III:  
BUDGET ACTIVITY 7

## UNCLASSIFIED

## DEPARTMENT OF THE NAVY

## FY 2001 PROCUREMENT PROGRAM

SUMMARY  
(\$ IN MILLIONS)

February 2000

APPROPRIATION: AIRCRAFT PROCUREMENT, NAVY  
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ACTIVITY -----	FY 1999 -----	FY 2000 -----	FY 2001 -----
01. COMBAT AIRCRAFT	4,201.3	4,661.4	4,840.4
02. AIRLIFT AIRCRAFT	135.3	418.1	295.8
03. TRAINER AIRCRAFT	300.6	388.4	348.1
04. OTHER AIRCRAFT	111.3	76.7	154.8
05. MODIFICATION OF AIRCRAFT	1,735.2	1,821.8	998.4
06. AIRCRAFT SPARES AND REPAIR PARTS	731.3	958.6	941.6
07. AIRCRAFT SUPPORT EQUIPMENT & FACILITIES	333.8	498.1	384.8
TOTAL AIRCRAFT PROCUREMENT, NAVY	7,548.9	8,823.1	7,963.9

DEPARTMENT OF THE NAVY  
FY 2001 PROCUREMENT PROGRAM

EXHIBIT P-1

APPROPRIATION: 1506N AIRCRAFT PROCUREMENT, NAVY

DATE: February 2000

## MILLIONS OF DOLLARS

LINE NO	ITEM NOMENCLATURE	IDENT CODE	FY 1999		FY 2000		FY 2001		S E C
			QUANTITY	COST	QUANTITY	COST	QUANTITY	COST	
BUDGET ACTIVITY 01: COMBAT AIRCRAFT									
COMBAT AIRCRAFT									
1	AV-8B (V/STOL)HARRIER (MYP)	A	11	(293.8)	11	(300.4)	10	(282.1)	U
	LESS: ADVANCE PROCUREMENT (PY)			(-17.5)		(-40.7)		(-55.5)	U
				-----		-----		-----	
				276.3		259.7		226.6	
2	AV-8B (V/STOL)HARRIER (MYP)								
	ADVANCE PROCUREMENT (CY)			55.5		40.8			U
	(FY 1999 FOR FY 2000) (MEMO)			(40.7)					
	(FY 1999 FOR FY 2001) (MEMO)			(14.7)					
	(FY 2000 FOR FY 2001) (MEMO)					(40.8)			
3	F/A-18E/F (FIGHTER) HORNET (MYP)	B	30	(2,795.4)	36	(2,784.1)	42	(2,924.0)	U
	LESS: ADVANCE PROCUREMENT (PY)			(-87.4)		(-108.4)		(-105.4)	U
				-----		-----		-----	
				2,708.0		2,675.7		2,818.6	
4	F/A-18E/F (FIGHTER) HORNET (MYP)								
	ADVANCE PROCUREMENT (CY)			108.4		162.1		101.1	U
	(FY 1999 FOR FY 2000) (MEMO)			(108.4)					
	(FY 2000 FOR FY 2001) (MEMO)					(105.4)			
	(FY 2000 FOR FY 2002) (MEMO)					(18.9)			
	(FY 2000 FOR FY 2003) (MEMO)					(18.9)			
	(FY 2000 FOR FY 2004) (MEMO)					(18.9)			
	(FY 2001 FOR FY 2002) (MEMO)							(94.5)	
	(FY 2001 FOR FY 2003) (MEMO)							(3.3)	
	(FY 2001 FOR FY 2004) (MEMO)							(3.3)	
5	V-22 (MEDIUM LIFT)	B	7	(663.9)	11	(904.8)	16	(1,199.2)	U
	LESS: ADVANCE PROCUREMENT (PY)			(-60.0)		(-53.5)		(-70.6)	U
				-----		-----		-----	
				603.9		851.3		1,128.6	
6	V-22 (MEDIUM LIFT)								
	ADVANCE PROCUREMENT (CY)			53.5		70.6		79.9	U
	(FY 1999 FOR FY 2000) (MEMO)			(53.5)					
	(FY 2000 FOR FY 2001) (MEMO)					(70.6)			
	(FY 2001 FOR FY 2002) (MEMO)							(79.9)	
7	AH-1W (HELICOPTER) SEA COBRA	A				1.9		2.5	U

DEPARTMENT OF THE NAVY  
FY 2001 PROCUREMENT PROGRAM

EXHIBIT P-1

APPROPRIATION: 1506N AIRCRAFT PROCUREMENT, NAVY

DATE: February 2000

## MILLIONS OF DOLLARS

LINE NO	ITEM NOMENCLATURE	IDENT CODE	FY 1999		FY 2000		FY 2001		S E C
			QUANTITY	COST	QUANTITY	COST	QUANTITY	COST	
8	SH-60R	A			7	216.7	4	162.3	U
9	E-2C (EARLY WARNING) HAWKEYE (MYP)	A	3	(232.3)	3	(247.4)	5	(364.9)	U
	LESS: ADVANCE PROCUREMENT (PY)			(-18.8)		(-37.3)		(-112.1)	U
				-----		-----		-----	
				213.4		210.1		252.8	
10	E-2C (EARLY WARNING) HAWKEYE (MYP)								
	ADVANCE PROCUREMENT (CY)			182.4		172.5		68.1	U
	(FY 1999 FOR FY 2000) (MEMO)			(37.3)					
	(FY 1999 FOR FY 2001) (MEMO)			(48.2)					
	(FY 1999 FOR FY 2002) (MEMO)			(48.2)					
	(FY 1999 FOR FY 2003) (MEMO)			(48.7)					
	(FY 2000 FOR FY 2001) (MEMO)					(63.9)			
	(FY 2000 FOR FY 2002) (MEMO)					(54.3)			
	(FY 2000 FOR FY 2003) (MEMO)					(54.3)			
	(FY 2001 FOR FY 2002) (MEMO)							(39.9)	
	(FY 2001 FOR FY 2003) (MEMO)							(28.2)	
				-----		-----		-----	
	TOTAL COMBAT AIRCRAFT			4,201.3		4,661.4		4,840.4	
BUDGET ACTIVITY 02: AIRLIFT AIRCRAFT									
-----									
AIRLIFT AIRCRAFT									
11	CH-60S (MYP)	A	5	(109.4)	17	(310.0)	15	(238.5)	U
	LESS: ADVANCE PROCUREMENT (PY)					(-25.9)		(-73.4)	U
				-----		-----		-----	
				109.4		284.1		165.1	
12	CH-60S (MYP)								
	ADVANCE PROCUREMENT (CY)			25.9		73.4		80.4	U
	(FY 1999 FOR FY 2000) (MEMO)			(25.9)					
	(FY 2000 FOR FY 2001) (MEMO)					(73.4)			
	(FY 2001 FOR FY 2002) (MEMO)							(80.4)	
13	UC-35	B			2	11.9			U
14	C-40A	A			1	48.7			U
15	VP-3 REPLACEMENT AIRCRAFT	A					1	50.3	U
				-----		-----		-----	
	TOTAL AIRLIFT AIRCRAFT			135.3		418.1		295.8	

## UNCLASSIFIED

DEPARTMENT OF THE NAVY  
FY 2001 PROCUREMENT PROGRAM

EXHIBIT P-1

APPROPRIATION: 1506N AIRCRAFT PROCUREMENT, NAVY

DATE: February 2000

## MILLIONS OF DOLLARS

LINE NO	ITEM NOMENCLATURE	IDENT CODE	FY 1999		FY 2000		FY 2001		S E C
			QUANTITY	COST	QUANTITY	COST	QUANTITY	COST	
BUDGET ACTIVITY 03: TRAINER AIRCRAFT									
-----									
TRAINER AIRCRAFT									
16	T-45TS (TRAINER) GOSHAWK	A	15	(298.7)	15	(331.3)	12	(278.1)	U
	LESS: ADVANCE PROCUREMENT (PY)			(-6.0)		(-7.9)		(-9.5)	U
				-----		-----		-----	
				292.7		323.4		268.6	
17	T-45TS (TRAINER) GOSHAWK			7.9		9.5		5.1	U
	ADVANCE PROCUREMENT (CY)			(7.9)					
	(FY 1999 FOR FY 2000) (MEMO)								
	(FY 2000 FOR FY 2001) (MEMO)					(9.5)			
	(FY 2001 FOR FY 2002) (MEMO)							(5.1)	
18	JPATS	B			12	55.5	21	74.4	U
				-----		-----		-----	
TOTAL TRAINER AIRCRAFT				300.6		388.4		348.1	
BUDGET ACTIVITY 04: OTHER AIRCRAFT									
-----									
OTHER AIRCRAFT									
19	KC-130J	B	2	111.3	1	76.7	2	154.8	U
				-----		-----		-----	
TOTAL OTHER AIRCRAFT				111.3		76.7		154.8	
BUDGET ACTIVITY 05: MODIFICATION OF AIRCRAFT									
-----									
MODIFICATION OF AIRCRAFT									
20	EA-6 SERIES	A		208.9		264.5		203.1	U
21	AV-8 SERIES	A		85.7		54.9		40.6	U
22	F-14 SERIES	A		209.4		82.8		30.5	U
23	ADVERSARY	A		*				6.9	U
24	F-18 SERIES	A		171.4		319.7		212.6	U
25	H-46 SERIES	A		31.0		17.8		16.6	U

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EXHIBIT P-1

APPROPRIATION: 1506N AIRCRAFT PROCUREMENT, NAVY

DATE: February 2000

LINE NO	ITEM NOMENCLATURE	IDENT CODE	MILLIONS OF DOLLARS						S E C
			FY 1999 QUANTITY	FY 1999 COST	FY 2000 QUANTITY	FY 2000 COST	FY 2001 QUANTITY	FY 2001 COST	
26	AH-1W SERIES	A		27.6		18.6		9.8	U
27	H-53 SERIES	A		34.5		29.2		19.9	U
28	SH-60 SERIES	A		136.6		57.5		21.1	U
29	H-1 SERIES	A		25.8		15.3		2.6	U
30	H-3 SERIES	A		*		*		.1	U
31	EP-3 SERIES	A		7.2		61.3		25.8	U
32	P-3 SERIES	A		330.1		388.5		60.7	U
33	S-3 SERIES	A		53.5		81.1		79.1	U
34	E-2 SERIES	A		80.9		75.9		18.5	U
35	TRAINER A/C SERIES	A		7.3		8.9		19.4	U
36	C-2A	A		21.6		25.4		2.6	U
37	C-130 SERIES	A		5.3		15.2		7.9	U
38	FEWSG	A		.6		.6		.6	U
39	CARGO/TRANSPORT A/C SERIES	A		25.3		16.3		7.9	U
40	E-6 SERIES	A		63.8		84.7		60.7	U
41	EXECUTIVE HELICOPTERS SERIES	A		26.5		12.7		7.6	U
42	SPECIAL PROJECT AIRCRAFT	A		22.2		30.6		4.1	U
43	T-45 SERIES	A		8.4		9.6		9.1	U
44	POWER PLANT CHANGES	A		17.2		15.5		17.1	U
45	COMMON ECM EQUIPMENT	A		34.6		54.3		41.9	U
46	COMMON AVIONICS CHANGES	A		99.8		81.1		71.6	U
TOTAL MODIFICATION OF AIRCRAFT				1,735.2		1,821.8		998.4	

## UNCLASSIFIED

DEPARTMENT OF THE NAVY  
FY 2001 PROCUREMENT PROGRAM

EXHIBIT P-1

APPROPRIATION: 1506N AIRCRAFT PROCUREMENT, NAVY

DATE: February 2000

## MILLIONS OF DOLLARS

LINE NO	ITEM NOMENCLATURE	IDENT CODE	FY 1999		FY 2000		FY 2001		S E C
			QUANTITY	COST	QUANTITY	COST	QUANTITY	COST	
BUDGET ACTIVITY 06: AIRCRAFT SPARES AND REPAIR PARTS									
-----									
AIRCRAFT SPARES AND REPAIR PARTS									
47	SPARES AND REPAIR PARTS	A		731.3		958.6		941.6	U
				-----		-----		-----	
TOTAL AIRCRAFT SPARES AND REPAIR PARTS				731.3		958.6		941.6	
BUDGET ACTIVITY 07: AIRCRAFT SUPPORT EQUIPMENT & FACILITIES									
-----									
AIRCRAFT SUPPORT EQUIPMENT AND FACILITIES									
48	COMMON GROUND EQUIPMENT	A		279.2		378.5		312.4	U
49	AIRCRAFT INDUSTRIAL FACILITIES	A		11.8		12.7		8.6	U
50	WAR CONSUMABLES	A		11.1		14.7		13.0	U
51	OTHER PRODUCTION CHARGES	A		9.4		56.8		37.1	U
52	SPECIAL SUPPORT EQUIPMENT	A		14.2		34.0		12.2	U
53	FIRST DESTINATION TRANSPORTATION	A		1.7		1.5		1.5	U
54	CANCELLED ACCOUNT ADJUSTMENTS (M)	A		6.4					U
				-----		-----		-----	
TOTAL AIRCRAFT SUPPORT EQUIPMENT & FACILITIES				333.8		498.1		384.8	
				-----		-----		-----	
TOTAL AIRCRAFT PROCUREMENT, NAVY				7,548.9		8,823.1		7,963.9	

Aircraft Procurement, Navy  
Program and Financing (in Thousands of dollars)

Identification code	17-1506-0-1-051	Budget Plan (amounts for PROCUREMENT actions programed)			Obligations		
		1999 actual	2000 est.	2001 est.	1999 actual	2000 est.	2001 est.
Program by activities:							
Direct program:							
00.0101	Combat aircraft	4,196,293*	4,661,357*	4,840,368	3,996,628	4,733,700	5,144,732
00.0201	Airlift aircraft	134,398*	426,000*	295,758	113,984	352,715	301,822
00.0301	Trainer aircraft	299,831*	388,423*	348,093	314,404	314,403	330,858
00.0401	Other aircraft	111,341*	76,732*	154,818	147,279	62,662	133,400
00.0501	Modification of aircraft	1,731,779*	1,803,678*	998,446	1,709,494	1,715,301	1,055,309
00.0601	Aircraft spares and repair parts	730,332*	965,304*	941,553	720,397	763,265	883,440
00.0701	Aircraft support equipment and facilities	344,888*	501,609*	384,822	343,455	417,770	375,788
00.9101	Total direct program	7,548,862	8,823,103	7,963,858	7,345,641	8,359,816	8,225,349
01.0101	Reimbursable program		7,100	7,100		7,100	7,100
10.0001	Total	7,548,862	8,830,203	7,970,958	7,345,641	8,366,916	8,232,449
Financing:							
Offsetting collections from:							
11.0001	Federal funds(-)		-7,100	-7,100	-575	-7,100	-7,100
17.0001	Recovery of prior year obligations				-4,658		
Unobligated balance available, start of year:							
21.4002	For completion of prior year budget plans				-757,294	-948,507	-1,411,794
21.4003	Available to finance new budget plans		-85,500			-85,500	
21.4009	Reprogramming from/to prior year budget plan	-17,241					
22.2001	Unobligated balance transferred from other ac	-2,520	-87,700		-2,520	-87,700	
Unobligated balance available, end of year:							
24.4002	For completion of prior year budget plans				948,507	1,411,794	1,150,303
24.4003	Available to finance subsequent year budget	85,500			85,500		
25.0001	Unobligated balance expiring	17,241			17,241		
39.0001	Budget authority	7,631,842	8,649,903	7,963,858	7,631,842	8,649,903	7,963,858
Budget authority:							
40.0001	Appropriation	7,519,709	8,662,655	7,963,858	7,519,709	8,662,655	7,963,858
40.3601	Unobligated Balance Rescinded		-85,500			-85,500	
40.7601	Reduction pursuant to P.L. 106-113(-), Titl		-44,352			-44,352	
41.0001	Transferred to other accounts (-)	-52,552	-9,000		-52,552	-9,000	
42.0001	Transferred from other accounts	164,685	126,100		164,685	126,100	
43.0001	Appropriation (adjusted)	7,631,842	8,649,903	7,963,858	7,631,842	8,649,903	7,963,858

Note: (\*) For FY 1999 and FY 2000, differences between authorized amounts cited for budget activities in the budget and the Program and Financing exhibit are the result of reprogrammings not reflected in the official 30 September 1999 accounting reports.

Aircraft Procurement, Navy  
Program and Financing (in Thousands of dollars)

Identification code	17-1506-0-1-051	Budget Plan (amounts for PROCUREMENT actions programed)			Obligations		
		1999 actual	2000 est.	2001 est.	1999 actual	2000 est.	2001 est.
Relation of obligations to outlays:							
71.0001	Obligations incurred				7,345,066	8,359,816	8,225,349
72.1001	From Federal sources: Receivables and unpaid, unfilled orders, SOY				1,808	227	227
72.4001	Obligated balance, start of year				9,066,831	10,375,394	11,525,267
74.1001	From Federal sources: Receivables and unpaid, unfilled orders, EOY				-227	-227	-227
74.4001	Obligated balance, end of year				-10,375,394	-11,525,267	-12,271,688
77.0001	Adjustments in expired accounts (net)				-9,333		
78.0001	Adjustments in unexpired accounts				-4,658		
90.0001	Outlays (net)				6,024,093	7,209,943	7,478,928

Aircraft Procurement, Navy  
Object Classification (in Thousands of dollars)

Identification code	17-1506-0-1-051	1999 actual	2000 est.	2001 est.
-----				
Direct obligations:				
125.101	Advisory and assistance services	95,185	107,389	114,104
	Purchases goods/services from Government accounts			
125.303	Purchases from revolving funds	569,304	473,221	408,831
126.001	Supplies and materials	170	12,014	13,096
131.001	Equipment	6,680,982	7,767,192	7,689,318
		-----	-----	-----
199.001	Total Direct obligations	7,345,641	8,359,816	8,225,349
Reimbursable obligations:				
231.001	Equipment		7,100	7,100
		-----	-----	-----
299.001	Total Reimbursable obligations		7,100	7,100
999.901	Total obligations	7,345,641	8,366,916	8,232,449
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**COMPARISON OF FY 1999 PROGRAM REQUIREMENTS AS REFLECTED IN THE FY 2000/2001 PRESIDENT'S BUDGET  
WITH FY 1999 PROGRAM REQUIREMENTS SHOWN IN THE FY 2001 PRESIDENT'S BUDGET**

(In Thousands of Dollars)

	<u>Total Program Requirements per FY 2000/2001 Budget</u>	<u>Total Program Requirements per FY 2001 Budget</u>	<u>Increase (+) or Decrease (-)</u>
Combat Aircraft.....	\$4,263,383	\$4,201,337	-\$62,046
Airlift Aircraft.....	\$137,226	\$135,331	-\$1,895
Trainer Aircraft.....	\$300,158	\$300,628	\$470
Other Aircraft.....	\$112,072	\$111,341	-\$731
Modification of Aircraft.....	\$1,594,404	\$1,735,158	\$140,754
Aircraft Spares and Repair Parts.....	\$734,016	\$731,287	-\$2,729
Aircraft Support Equipment and Facilities.....	\$365,098	\$333,780	-\$31,318
Reimbursable Program.....	<u>\$7,100</u>	<u>\$0</u>	<u>-\$7,100</u>
<b>TOTAL FISCAL YEAR PROGRAM.....</b>	<b>\$7,513,457</b>	<b>\$7,548,862</b>	<b>\$35,405</b>

**EXPLANATION BY BUDGET ACTIVITY (B.A.)**

**Combat Aircraft (-\$62.046 million):**

Changes in this budget activity include a reduction to the F/A-18E/F program due to a delay in Integrated Defense Electronic Countermeasures (IDECM) (-\$39.2M); an Inflation Savings Reduction (-\$25.198M) and multiple below threshold reprogrammings (BTRs) to execute current program requirements (+\$2.352M)

**Airlift Aircraft (-\$1.895 million):**

Changes in this budget activity are a reduction to CH-60S (-\$1.0M) to fund higher priority Navy requirements and an Inflation Savings Reduction (-\$0.895M).

**Trainer Aircraft (+\$0.470 million):**

Changes in this budget activity include a BTR from T-45 to Other Production Charges for Government Furnished Equipment Support (-\$0.375M); an Inflation Savings reduction (-\$0.522M) and several BTR actions to execute current program requirements (+\$1.367M).

**Other Aircraft (-\$0.731 million):**

Changes in this budget activity are due to an Inflation Savings reduction (-\$0.731M).

**Modification of Aircraft (+\$140.754 million):**

Major changes in this budget activity include Congressional Kosovo supplemental adjustments for EA-6 (+\$115.0M) and P-3 (+\$41.0M); a transfer for Counter Drug Interdiction support (+\$10.645M); an Inflation Savings reduction (-\$10.387M); increases to S-3 Series for the Carrier Aircraft Inertial Navigation System (CAINS II) (+\$6.4M) and SH-60 Series for the Integrated Mechanical Diagnostic System (IMD) (+\$1.0M); reductions to F-14 Series (-\$2.0M), P-3 Series (-\$3.0M), E-2 Series (-\$1.0M) and Common ECM Equipment (-\$2.0M) to fund higher priority Navy requirements and multiple BTR actions to effectively execute program requirements (-\$14.904M).

**SPARES (-\$2.729 million):**

Changes in this budget activity are a BTR action to fund Overseas Contingency Operations Transfer Fund (OCOTF) (+\$0.560M); several BTR actions to effectively execute current program requirements including Aviation Outfitting Account (AOA) shortfalls, ATARS requirements and Repair of Repairables (ROR) requirements (+\$1.499M) and an Inflation Savings reduction (-\$4.788M).

**Aircraft Support Equipment and Facilities (-\$31.318 million):**

Major changes in this budget activity include a FY99 Congressional rescission taken against Common Ground Equipment (-\$41.5M); various BTR actions to fund Canceled Account Adjustments (+\$6.328M); a BTR from F-14 Mods to Common Ground Equipment to fund affordable readiness initiatives (+\$3.112M); several BTR actions to fund Other Production Charges GFE support (+\$2.221M); and an Inflation Savings reduction (-\$1.479M).

**Reimbursable Program (-\$7.100 million):**

Actual reimbursable program collections are less than were anticipated in the budget plan.

**COMPARISON OF FY 1999 FINANCING AS REFLECTED IN THE FY 2000/2001 PRESIDENT'S BUDGET  
WITH FY 1999 FINANCING SHOWN IN THE FY 2001 PRESIDENT'S BUDGET**

(In Thousands of Dollars)

	Financing per FY 2000/2001 Budget	Financing per FY 2001 Budget	Increase (+) or Decrease (-)
Program Requirements (Total).....	\$7,513,457	\$7,548,862	\$35,405
Program Requirements (Service account).....	\$7,506,357	\$7,548,862	\$42,505
Program Requirements (Reimbursable).....	\$7,100	\$0	-\$7,100
 <i>Less:</i>			
Anticipated Reimbursements.....	\$7,100	\$0	\$7,100
Transferred from other accounts.....	\$0	\$0	\$0
Unobligated Balance Available.....	\$0	\$0	\$0
 <i>Add:</i>			
Transferred to other accounts.....	\$0	\$0	\$0
Unobligated balance available to finance....	\$0	\$0	\$0
subsequent year budget plans.....	\$0	\$0	\$0
Reprogramming from/to prior year budgets....	\$0	\$0	\$0
Anticipated transfers to other accounts.....	\$0	\$0	\$0
Appropriation.....	\$7,506,357	\$7,548,862	\$42,505

**EXPLANATION OF CHANGES IN FINANCING**

The change in program financing of \$42,505,000 is due to specific Congressional increases of +\$156,000,000 offset by a FY99 Congressional rescission of -\$41,500,000, an inflation savings reduction of -\$44,000,000 and decreased program account needs of -\$27,995,000 explained previously plus fewer actual orders than anticipated in the reimbursable account in the amount of -\$7,100,000.

A financing change increases the appropriation to the new amount of +\$42,505,000. The only financing adjustment is anticipated reimbursables of +7,100,000.

**COMPARISON OF FY 2000 PROGRAM REQUIREMENTS AS REFLECTED IN THE FY 2000/2001 PRESIDENT'S BUDGET  
WITH FY 2000 PROGRAM REQUIREMENTS SHOWN IN THE FY 2001 PRESIDENT'S BUDGET**

(In Thousands of Dollars)

	Total Program Requirements per FY 2000/2001 Budget	Total Program Requirements per FY 2001 Budget	Increase (+) or Decrease (-)
Combat Aircraft.....	\$4,614,610	\$4,661,357	\$46,747
Airlift Aircraft.....	\$331,314	\$418,100	\$86,786
Trainer Aircraft.....	\$379,854	\$388,423	\$8,569
Other Aircraft.....	\$12,257	\$76,732	\$64,475
Modification of Aircraft.....	\$1,504,977	\$1,821,778	\$316,801
Aircraft Spares and Repair Parts.....	\$871,820	\$958,604	\$86,784
Aircraft Support Equipment and Facilities.....	\$513,823	\$498,109	-\$15,714
Reimbursable Program.....	\$7,100	\$7,100	\$0
<b>TOTAL FISCAL YEAR PROGRAM.....</b>	<b>\$8,235,755</b>	<b>\$8,830,203</b>	<b>\$594,448</b>

**EXPLANATION BY BUDGET ACTIVITY (B.A.)**

**Combat Aircraft (+\$46.747 million):**

Major changes in this budget activity include the following Congressional actions: procurement of 1 V-22 (+\$60.0M), an increase in AV-8B advanced procurement (+\$10.0M); a Congressional across-the-board reduction (-\$14.253M); and two reductions to the F/A-18E/F as offsets for the Defense Health Program (DHP) (-\$6.483M) and the Defense Security Service (DSS) (-\$2.517M).

**Airlift Aircraft (+\$86.786 million):**

Major changes in this budget activity include the following Congressional actions: procurement of 4 CH-60S (+\$76.0M), procurement of 2 UC-35 (+\$12.0M) and a Congressional across-the-board reduction (-\$1.214M).

**Trainer Aircraft (+\$8.569 million):**

Major changes in this budget activity include the following Congressional actions: procurement of 4 JPATS (+\$11.0M) and a Congressional across-the-board reduction (-\$2.431M).

**Other Aircraft (+\$64.475 million):**

Major changes in this budget activity include the following Congressional actions: procurement of 1 KC-130J (+\$64.9M) and a Congressional across-the-board reduction (-\$0.425M).

**Modification of Aircraft (+\$316.801 million):**

Major changes in this budget activity include Congressional action to the following modification programs: EA-6 Series (+\$79.0M), F-18 Series (+\$3.0M), AH-1W Series (+\$5.0M), H-53 Series (-\$18.4M), SH-60 Mod (+\$1.0M), H-1 Series (+\$9.0M), EP-3 Series (+\$12.0M), P-3 Series (+\$66.0M), S-3 Series (-\$10.0M), E-2 Series (+\$47.9M), C-2 Series (+\$6.0M), E-6 Series (-\$1.7M), Special Project A/C (+\$2.0M), Common ECM Equipment (+\$4.0M); the following Congressional Kosovo supplementals: P-3 Series (+\$48.1M), EA-6 Series (+\$25.5M) and AV-8 Series (+\$16.0M); a Congressional across-the-board reduction (-\$9.499M); an increase in EP-3 to fund a high priority readiness requirement derived from Kosovo lessons learned (+\$22.0M); and a BTR from Spares to F-18 Series to fund a critical Multifunctional Information Distribution System (MIDS) shortfall(+\$9.9M).

**SPARES (+\$86.784 million):**

Major changes in this budget activity include a Congressional Kosovo supplemental for Aircraft Initial spares (+\$102.2M); a Congressional across-the-board reduction (-\$5.516M); and a BTR from Spares to to F-18 Series to fund a MIDS shortfall (-\$9.9M).

**Aircraft Support Equipment and Facilities (-\$15.714 million):**

Major changes in this budget activity include the following Congressional actions: a reduction to Common Ground Equipment (-\$32.8M), increases to Other Production Charges (+\$25.0M) and War Consumables (+\$3.1M) and a Congressional across-the-board reduction (-\$11.014M).

**COMPARISON OF FY 2000 FINANCING AS REFLECTED IN THE FY 2000/2001 PRESIDENT'S BUDGET  
WITH FY 2000 FINANCING SHOWN IN THE FY 2001 PRESIDENT'S BUDGET**

(In Thousands of Dollars)

	Financing per FY 2000/2001 Budget	Financing per FY 2001 Budget	Increase (+) or Decrease (-)
Program Requirements (Total).....	\$8,235,755	\$8,830,203	\$594,448
Program Requirements (Service account).....	\$8,228,655	\$8,823,103	\$594,448
Program Requirements (Reimbursable).....	\$7,100	\$7,100	\$0
<i>Less:</i>			
<i>Anticipated Reimbursements</i> .....	\$7,100	\$7,100	\$0
<i>Transferred from other accounts</i> .....	\$0	\$0	\$0
<i>Unobligated Balance Available</i> .....	\$0	\$0	\$0
<i>Add:</i>			
<i>Transferred to other accounts</i> .....	\$0	\$0	\$0
<i>Unobligated balance available to finance</i> ....	\$0	\$0	\$0
<i>subsequent year budget plans</i> .....	\$0	\$0	\$0
<i>Reprogramming from/to prior year budgets</i> ....	\$0	\$0	\$0
<i>Anticipated transfers to other accounts</i> ....	\$0	\$0	\$0
Appropriation.....	\$8,228,655	\$8,823,103	\$594,448

**EXPLANATION OF CHANGES IN FINANCING**

The change in program requirements of \$594,448,000 is the result of specific Congressional increases of +\$733,500,000 and specific reductions of -\$107,700,000 which were offset by a Congressionally directed across-the-board reduction - \$44,352,000, as well as increased program account needs +\$13,000,000, as previously explained.

There are no financing changes.

**AIRCRAFT PROCUREMENT, NAVY**

For construction, procurement, production, modification and modernization of aircraft, equipment, including ordnance, spare parts, and accessories therefore; specialized equipment; expansion of public and private plants, including the land necessary therefore, 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; \$7,963,858,000 to remain available for obligation until September 30, 2003.

**FINANCING**

FY 2001 budget plan of \$7,963,858,000 for the Aircraft Procurement, Navy appropriation is to be financed by new obligational authority.

CLASSIFICATION: <b>UNCLASSIFIED</b>											
<b>BUDGET ITEM JUSTIFICATION SHEET</b>											
<b>P-40</b>											
APPROPRIATION / BUDGET ACTIVITY					P-1 ITEM NOMENCLATURE					Date: February 2000	
<b>APN-7 AIRCRAFT EQUIPMENT AND FACILITIES</b>					<b>COMMON GROUND EQUIPMENT</b>						
<b>FISCAL YEARS</b>	Prior Years	<b>FY 1998</b>	<b>FY 1999</b>	<b>FY 2000</b>	<b>FY 2001</b>	<b>FY 2002</b>	<b>FY 2003</b>	<b>FY 2004</b>	<b>FY 2005</b>	To Complete	Total
<b>QUANTITY</b>											
<b>COST (in millions)</b>	*	\$ 264.587	\$ 279.155	\$ 378.494	\$ 312.411	\$ 319.786	\$ 347.365	\$ 328.874	\$ 337.611	Cont'd	Cont'd
<p>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:</p>											
		<u><b>FY 1998</b></u>	<u><b>FY 1999</b></u>	<u><b>FY 2000</b></u>	<u><b>FY 2001</b></u>	<u><b>FY 2002</b></u>	<u><b>FY 2003</b></u>	<u><b>FY 2004</b></u>	<u><b>FY 2005</b></u>		
Ground Support Equip		202.851	201.331	235.336	224.795	240.242	238.602	246.181	264.260		
Mobile Maint Facilities		7.643	7.184	4.929	4.844	4.946	5.023	5.150	5.307		
Training		54.093	70.640	138.229	82.772	74.598	103.740	77.543	68.044		
	<b>TOTAL</b>	<b>\$264.587</b>	<b>\$279.155</b>	<b>\$378.494</b>	<b>\$312.411</b>	<b>\$319.786</b>	<b>\$347.365</b>	<b>\$328.874</b>	<b>\$337.611</b>		

**BUDGET ITEM JUSTIFICATION SHEET**

**P-40**

**APPROPRIATION / BUDGET ACTIVITY**

**P-1 ITEM NOMENCLATURE**

**Date: February 2000**

**AIRCRAFT PROCUREMENT, NAVY BA-7**

**COMMON AND CASS - 47C2  
SUPPORT EQUIPMENT**

FISCAL YEARS	Prior Years	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	To Complete	Total
<b>QUANTITY</b>											
<b>COST (in millions)</b>	*	\$ 202.851	\$ 201.331	\$ 235.336	\$ 224.795	\$ 240.242	\$ 238.602	\$ 246.181	\$ 264.260	Cont'd	Cont'd

The following elements comprise the Aviation Support Equipment and Consolidated Automated Support Systems Program

	<u>FY 1998</u>	<u>FY 1999</u>	<u>FY 2000</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	<u>FY 2005</u>	<u>To Complete</u>	<u>Total</u>
Automatic Test Equipment	62.769	34.505	103.121	55.454	81.420	60.255	49.630	30.00	Cont'd	Cont'd
Aircraft Common SE	34.761	51.250	30.496	41.873	33.283	52.279	72.789	165.197	Cont'd	Cont'd
ICP/HQM SE	17.482	16.228	5.833	5.773	2.650	2.964	6.916	6.972	Cont'd	Cont'd
<b>Sub Total</b>	<b>115.012</b>	<b>101.984</b>	<b>139.450</b>	<b>103.100</b>	<b>35.933</b>	<b>115.498</b>	<b>79.705</b>	<b>172.170</b>	<b>Cont'd</b>	<b>Cont'd</b>
Consolidated Automated Supt Sys	87.839	99.347	95.886	121.695	122.889	123.104	116.846	62.090	Cont'd	Cont'd
<b>Grand Total</b>	<b>202.851</b>	<b>201.331</b>	<b>235.336</b>	<b>224.795</b>	<b>158.822</b>	<b>238.602</b>	<b>196.551</b>	<b>234.260</b>	<b>Cont'd</b>	<b>Cont'd</b>

**Fleet participation has been an inherent part of the support equipment (SE) acquisition process. In past years, fleet TYCOM representatives prioritized SE procurements by individual budget sub-lines. Recently, due to diminishing resources and the labor intensive nature of this process, sub-lines have been combined for prioritization purposes. The budget item justification sheets reflect this procedural change.**

**PU 70400 now includes old pu 71100 Gas Turbine Compressor (GTC), 71200 Avionics Support Equipment (ASE), and 71300 Rapid Deployment Force (RDF).**

**PU 70600 now includes old pu 71400 Headquarters Managed(HQM)**

\* Due to multiple Requiring Financial Managers (RFM's) in prior years, detailed breakout of prior year data is not available.

BUDGET ITEM JUSTIFICATION SHEET							Date: February 2000					
P-40							P-1 ITEM NOMENCLATURE COMMON GROUND EQUIPMENT - 47C2					
APPROPRIATION/BUDGET ACTIVITY							AUTOMATIC TEST EQUIPMENT					
Aircraft Procurement, Navy BA-7							Other Related Program Elements					
Program Element for Code B Items:							Other Related Program Elements					
	Prior Years	ID Code	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	To Complete	Total
QUANTITY												
COST												
(In Millions)	*		62.769	34.505	103.121	55.454	81.420	60.255	49.630	30.000	Cont'd	Cont'd
<p><b>GENERAL PROGRAM DESCRIPTION</b>                      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 of common ATE to meet fleet operational requirements identified in the fleet concurred Common Support Equipment Operational Requirements List.</p> <p><b>TEST PROGRAM SETS (TPSs) TRANSITION TO CASS</b>                      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 sub-component. Existing ATE that can no longer be economically supported will be offloaded to CASS based on fleet priorities. This budget request funds for the procurement of TPSs to offload support from existing obsolete ATE to CASS, as well as support of GFE requirements for these efforts such as CASS stations in the Test Integration Facilities and UUTs. Offload projects include USM-247 VAST, ASM-614B/C ESTS, APM-438 (APS-137 Radar), USM-470(V)1 MV, High Power ATE Offload (APM-446 RSTS, APM-457, OJ-632 RFTS, OJ-615/602), USM-604 EETS, AWM-23, USM-392B DMTS, USM-629 EOTS, USM-403 HATS, USM-467 RADCOM, AAM-60, USM-484 HTS, USM-429 CAT IIID, USM-470(V)2 TMV, ASM-686 IATS, and VTS.</p> <p><b>ATE MODIFICATION</b>                      System modification is necessary to maintain current technology, replace obsolete and insupportable equipment, 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 (CATE). The modification requirement is also driven by the availability of CASS stations to offload existing ATE. These requirements are to resolve current obsolescence problems in CATE that are not scheduled for offload to CASS until 2000 and beyond. Without these modifications, CATE will not remain operational due to non-availability of replacement parts.</p>												
* Due to multiple Requiring Financial Managers (RFMs) in prior years, detailed breakout of prior year data is not available.												

CLASSIFICATION:

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WEAPONS SYSTEM COST ANALYSIS P-5				Weapon System						Date: February 2000					
APPROPRIATION/BUDGET ACTIVITY Aircraft Procurement, Navy BA-7				ID Code		P-1 ITEM NOMENCLATURE/SUBHEAD <b>COMMON GROUND EQUIPMENT 47C2</b> <b>Automatic Test Equipment</b>									
COST CODE	ELEMENT OF COST	ID Code	TOTAL COST IN THOUSANDS OF DOLLARS												
			Prior Years	FY 1998			FY 1999			FY 2000			FY 2001		
			Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost
	1. TPS Transition to CASS	A		N/A		49,089	N/A		21,185	N/A		91,121			44,954
	2. ILS	N/A				0			0			-			-
	3. Production Support	N/A				13,680			13,320			12,000			10,500
	4. ATE Modification	N/A				0			0			0			0
						<b>62,769</b>			<b>34,505</b>			<b>103,121</b>			<b>55,454</b>

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WEAPONS SYSTEM COST ANALYSIS P-5				Weapon System						Date: February 2000							
APPROPRIATION/BUDGET ACTIVITY Aircraft Procurement, Navy BA-7				ID Code	P-1 ITEM NOMENCLATURE/SUBHEAD Common Ground Equipment/47C2 Automatic Test Equipment												
COST CODE	ELEMENT OF COST																
		FY 2002			FY 2003			FY 2004			FY 2005			To Complete		Total	
		Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Cost	Quantity	Cost
70000	1. TPS Transition to CASS	N/A		70,420			50,255			41,130			25,000		Cont'd		Cont'd
	2. ILS			-			-								Cont'd		Cont'd
	3. Production Support			11,000			10,000			8,500			5,000		Cont'd		Cont'd
	4. ATE Modification			-			-			-			-		Cont'd		Cont'd
				<b>81,420</b>			<b>60,255</b>			<b>49,630</b>			<b>30,000</b>		<b>Cont</b>		<b>Cont</b>

**UNCLASSIFIED**

BUDGET ITEM JUSTIFICATION SHEET P-40							Date: February 2000					
APPROPRIATION/BUDGET ACTIVITY <b>Aircraft Procurement, Navy</b>							P-1 ITEM NOMENCLATURE <b>A/C Common Support Equipment - Common Ground - 47C2</b>					
Program Element for Code B Items:							Other Related Program Elements					
	Prior Years	ID Code	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	To Complete	Total
QUANTITY												
COST (In Millions)			\$ 34.761	\$ 51.250	\$ 30.496	\$ 41.873	\$ 33.283	\$ 52.279	\$ 72.789	\$ 165.197	<b>Cont'd</b>	<b>Cont'd</b>
<p>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.</p> <p>A comprehensive acquisition plan has been developed for each SE end item to: (1) ensure that the equipment is ready for procurement early in the budget year, (2) determine the specific type of procurement action to be initiated (multi-year, etc.), (3) verify the inventory objective, and (4) ensure the consideration of required integrated logistics support elements. The aircraft ground SE requirements list provided is the minimum constrained list of requirements. SE acquisition and inventory managers have thoroughly scrubbed this list to ensure the requirements represent critical Fleet needs for the specific equipment. Fleet maintenance personnel have participated in the determination of requirements to ensure that highest priority Fleet needs are identified.</p> <p>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.</p>												

CLASSIFICATION:

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BUDGET ITEM JUSTIFICATION SHEET FOR AGGREGATED ITEMS								DATE: February 2000				
P-40a												
APPROPRIATION/BUDGET ACTIVITY						P-1 ITEM NOMENCLATURE						
Aircraft Procurement, Navy						A/C Common Support Equipment - Common Ground - 47C2						
Procurement Items	ID Code	Prior Years	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	To Complete	Total
4. Vibration Test Set												
Qty			93	146	130	242						611
Cost			1,072	1,684	1,368	2,623						6,747
7. Floodlight Set												
Qty		150	62	150	44			269			30	705
Cost		2,250	992	2,800	900			4,842			660	12,444
8. NC-2 CILOP												
Qty		14	16	30		38					4	102
Cost		1,752	2,002	3,728		4,750					520	12,752
10. Joint Engine Test Initiative												
Qty						4	3	10	3			20
Cost						3,000	2,250	7,500	2,250			15,000
11. Generator Test Stand												
Qty			3		12	15	12	17				59
Cost			660		3,156	4,035	3,384	4,794				16,029
13. Hangar Deck Crane												
Qty				35								35
Cost				441								441
14. X-ray Apparatus												
Qty		30	25									55
Cost		756	630									1,386
<b>SUB-TOTAL</b>												
		<b>4,758</b>	<b>5,356</b>	<b>8,653</b>	<b>5,424</b>	<b>14,408</b>	<b>5,634</b>	<b>12,294</b>	<b>7,092</b>	<b>0</b>	<b>1,180</b>	<b>64,799</b>

P-1 SHOPPING LIST

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BUDGET ITEM JUSTIFICATION SHEET FOR AGGREGATED ITEMS								DATE:				
P-40a								February 2000				
APPROPRIATION/BUDGET ACTIVITY							P-1 ITEM NOMENCLATURE					
Aircraft Procurement, Navy							A/C Common Support Equipment - Common Ground - 47C2					
Procurement Items	ID Code	Prior Years	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	To Complete	Total
<b>FORWARDED</b>		<b>4,758</b>	<b>5,356</b>	<b>8,653</b>	<b>5,424</b>	<b>14,408</b>	<b>5,634</b>	<b>12,294</b>	<b>7,092</b>	<b>0</b>	<b>1,180</b>	<b>64,799</b>
15. Shorebased Deicer												
Qty		11								10	4	25
Cost		2,684								2,500	1,200	6384
16. Exp O2 N2 Generator												
Qty				12								12
Cost				4,311								4,311
17. O2 N2 Recharging												
Qty				13								13
Cost				672								672
18. Flightline Airstart Sys												
Qty				1				5	10	10		26
Cost				223				1,050	2,100	2,100		5,473
19. CV Test Cell AirStart												
Qty				12								12
Cost				923								923
21. Memory Ldr Verifier												
Qty		269	52	162							12	495
Cost		5,380	1,022	2,224							200	8,826
22. NDI Pres Temp TS												
Qty		262	205	438								905
Cost		8,279	6,343	13,547								28169
<b>SUB-TOTAL</b>		<b>21,101</b>	<b>12,721</b>	<b>30,553</b>	<b>5,424</b>	<b>14,408</b>	<b>5,634</b>	<b>13,344</b>	<b>9,192</b>	<b>4,600</b>	<b>2,580</b>	<b>119,557</b>

P-1 SHOPPING LIST

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BUDGET ITEM JUSTIFICATION SHEET FOR AGGREGATED ITEMS P-40a								DATE: February 2000				
APPROPRIATION/BUDGET ACTIVITY Aircraft Procurement, Navy							P-1 ITEM NOMENCLATURE A/C Common Support Equipment - Common Ground - 47C2					
Procurement Items	ID Code	Prior Years	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	To Complete	Total
<b>FORWARDED</b>		<b>22,119</b>	<b>13,865</b>	<b>33,565</b>	<b>11,013</b>	<b>25,793</b>	<b>20,314</b>	<b>28,484</b>	<b>9,552</b>	<b>4,600</b>	<b>3,410</b>	<b>172,715</b>
32. Crane, wheel												
Qty									8	22		30
Cost									1,400	3,850		5,250
33. MD-3 L-Frame												
Qty									144			144
Cost									504			504
36. O2 Trailer												
Qty									102			102
Cost									2,550			2,550
38. Hyd Power Supply (elec)												
Qty									86	250	414	750
Cost									4,300	12,527	20,745	37,572
39. Battery Analyzer												
Qty									60			60
Cost									1,200			1,200
40. Ship / Freq Converter												
Qty									10	20		30
Cost									472	1,000		1,472
41. ABE												
Qty									3	57		60
Cost									1,260	22,800		24,060
<b>SUB-TOTAL</b>		<b>22,119</b>	<b>13,865</b>	<b>33,565</b>	<b>11,013</b>	<b>25,793</b>	<b>20,314</b>	<b>28,484</b>	<b>21,238</b>	<b>44,777</b>	<b>24,155</b>	<b>245,322</b>

P-1 SHOPPING LIST

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BUDGET ITEM JUSTIFICATION SHEET FOR AGGREGATED ITEMS P-40a										DATE: <b>February 2000</b>		
APPROPRIATION/BUDGET ACTIVITY <b>Aircraft Procurement, Navy</b>							P-1 ITEM NOMENCLATURE <b>A/C Common Support Equipment - Common Ground - 47C2</b>					
Procurement Items	ID Code	Prior Years	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	To Complete	Total
<b>FORWARDED</b>		<b>22,119</b>	<b>13,865</b>	<b>33,565</b>	<b>11,013</b>	<b>25,793</b>	<b>20,314</b>	<b>28,484</b>	<b>21,238</b>	<b>44,777</b>	<b>24,155</b>	<b>245,322</b>
42. Air Conditioner Diesel												
Qty									10	120	180	310
Cost									800	9,600	14,400	24,800
43. Thermal/Image NDI												
Qty									5	120		125
Cost									250	4,400		4,650
44. EW Threat Sig Ger												
Qty									33	35		68
Cost									1,626	1,724		3,350
45. COAST												
Qty								92	300	210		602
Cost								4,968	16,200	11,340		32,508
47. LACIS												
Qty									3	83		86
Cost									430	6,640		7,070
48. Tow Tractor												
Qty								100	200	450	450	1200
Cost								3,000	6,000	13,500	13,500	36,000
49. Air Conditioner (Electric)												
Qty									10	130	120	260
Cost									450	5,850	5,400	11,700
50. MLVS ECP												
Qty					163	163						326
Cost					1,330	1,330						2,660
51. Blast Tube Safety ECP												
Qty				40								40
Cost				1,100								1,100
<b>SUB-TOTAL</b>		<b>22,119</b>	<b>13,865</b>	<b>34,665</b>	<b>12,343</b>	<b>27,123</b>	<b>20,314</b>	<b>36,452</b>	<b>46,994</b>	<b>97,831</b>	<b>57,455</b>	<b>369,160</b>

P-1 SHOPPING LIST

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**UNCLASSIFIED**

WEAPONS SYSTEM COST ANALYSIS P-5											DATE: <b>February 2000</b>				
APPROPRIATION/BUDGET ACTIVITY <b>Aircraft Procurement, Navy</b>						P-1 ITEM NOMENCLATURE/SUBHEAD <b>A/C Common Ground Equipment</b>									
COST CODE	ELEMENT OF COST	ID Code	TOTAL COST IN THOUSANDS OF DOLLARS												
			Prior Years	1998			FY 1999			FY 2000			FY 2001		
			Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost
70400	1. Test Cell Fabrication	A				2,400			1,000			300			500
	4. Vibration Test Set ECP Non-recurring cost ILS	A		93	11.53	1,072 85	146	11.53	1,684	130	10.52	1,368 200	242	10.84	2,623
	6. CSE Modification	A				1,095			2,024			500			500
	7. Floodlight Set	A	2,250	62	16.00	992	150	18.67	2,800	44	20.45	900			
	8. NC-2 CILOP	A	1,752	16	125.14	2,002	30	124.27	3,728				38	125.00	4,750
	9. Equipment Installs	A				1,100			1,842			2,270			1,453
	10. Joint Engine Test Initiative	A											4	750.00	3,000
	11. Generator Test Stand, T-15 Non-recurring	A		3	220.00	660 530				12	263.00	3,156 186	15	269.00	4,035
	13. Hanger Deck Crane	A					35	12.60	441						
	14. X-Ray Apparatus, RAD	A	756	25	25.20	630									
			<b>4,758</b>			<b>10,567</b>			<b>13,519</b>			<b>8,880</b>			<b>16,861</b>

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CLASSIFICATION:

**UNCLASSIFIED**

WEAPONS SYSTEM COST ANALYSIS											DATE: February 2000					
P-5											P-1 ITEM NOMENCLATURE/SUBHEAD					
APPROPRIATION/BUDGET ACTIVITY											A/C Common Ground Equipment					
Aircraft Procurement, Navy																
COST CODE	ELEMENT OF COST	ID Code	TOTAL COST IN THOUSANDS OF DOLLARS													
			Prior Years	FY 1998			FY 1999			FY 2000			FY 2001			
			Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	
70400	15. Shore Based Deicer	A	2,684				12	359.25	4,311							
	16. Expeditionary O2/N2 Generator	A														
	17. O2/N2 Recharger	A					13	51.69	672							
	18. Flightline Air Start System	A					1	223.00	223							
	19. CV Test Cell Air Start	A					12	76.92	923							
	21. Memory Loader Verifier Set	A	5,380	52	19.65	1,022	162	13.73	2,224							
	22. NDI Pressure Temperature Test Set	A	8,279	205	30.94	6,343	438	30.93	13,547							
	24. IFF Interrogator/Transponder TS	A	1,018				236	12.76	3,012	432	12.76	5,514	45	13.51	608	
	26. Cable Repair SE	A											11	70.00	770	
	27. AWM-102 Non-recurring Cost	A								15	5.00	75 925	290	5.00	1,450	
	28. Joint Service Elect Combat Sys Teste Organizational EW TPS Non-recurring Cost	A											37	231.27	8,557	
												1,540			1,216	
	31. Crane ECP	A		5	228.80	1,144										
	50. MLVS ECP									163	8.16	1,330	163	8.16	1,330	
	51. Blast Tube Safety ECP						40	27.50	1,100							
	52. NCPP-105												6	66.70	400	
	53. ABO MOD									90	14.44	1,300				
56. O2 Cart Safety ECP									200	1.30	260					
	Production Support				15,108			10,969			10,172			10,083		
	Initial Outfitting/Odd Cog				578			750			500			598		
			<b>22,119</b>			<b>34,761</b>			<b>51,250</b>			<b>30,496</b>			<b>41,873</b>	

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WEAPONS SYSTEM COST ANALYSIS P-5							Weapon System			DATE: <b>February 2000</b>							
APPROPRIATION/BUDGET ACTIVITY <b>Aircraft Procurement, Navy</b>							ID Code	P-1 ITEM NOMENCLATURE/SUBHEAD <b>A/C Common Ground Equipment</b>									
COST CODE	ELEMENT OF COST																
		FY 2002			FY 2003			FY 2004			FY 2005			To Complete		Total	
		Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Cost	Quantity	Cost
70400	1. Test Cell Fabrication			400			636			797			950				
	6. CSE Modification			500			1,400			2,000			3,953				
	7. Floodlight Set							269	18.00	4,842				30	660	705	12,444
	8. NC-2 CILOP													4	520	102	12,752
	9. Equipment Installs			1,147			2,125			3,476			3,994				
	10. Joint Engine Test Initiative	3	750.00	2,250	10	750.00	7,500	3	750.00	2,250						20	15,000
	11. Generator Test Stand	12	282.00	3,384	17	282.00	4,794									59	15,873
	15. Shorebased Deicer										10	250.00	2,500	4	1,200	25	6,384
	18. Flightline Air Start System				5	210.00	1,050	10	210.00	2,100	10	210.00	2,100			26	5,473
	21. Memory Loader Verifier Set													12	200	12	200
	24. IFF													45	630	763	10,782
	26. Cable Repair SE	14	70.00	980										1	200	26	1,950
	27. AWM-102	290	5.00	1,450	298	5.00	1,490									893	4,465
	28. Joint Service Elect Combat Sys Tester Organizational EW TPS Non-recurring Cost	70	175.00	12,250	78	175.00	13,650									185	34,457
	29. 1553 Data Bus Tester							30	12.00	360						30	360
	32. Crane Wheel Mounted							8	175.00	1,400	22	175.00	3,850			30	5,250
	33. MD-3 L Frame							144	3.50	504						144	504
	36. O2 Trailer							102	25.00	2,550						102	2,550
	38. Hydraulic Power Supply (elec)							86	50.00	4,300	250	50.11	12,527	414	20,745	750	37,572
	39. Battery Analyzer							60	20.00	1,200						60	1,200
	40. Ship / Frequency Converter							10	47.20	472	20	50.00	1,000			30	1,472
	41. ABE							3	420.00	1,260	57	400.00	22,800			60	24,060
	42. Air Conditioner, Diesel							10	80.00	800	120	80.00	9,600	180	14,400	310	24,800
	43. Thermal Imaging NDI							5	50.00	250	120	36.67	4,400			125	4,650
	44. EW Threat Signal Generator							33	49.27	1,626	35	49.27	1,724			68	3,350
				<b>22,951</b>			<b>32,645</b>			<b>30,187</b>			<b>69,398</b>			<b>38,555</b>	<b>225,548</b>

CLASSIFICATION:

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WEAPONS SYSTEM COST ANALYSIS P-5							Weapon System				DATE: <b>February 2000</b>						
APPROPRIATION/BUDGET ACTIVITY <b>Aircraft Procurement, Navy</b>							ID Code	P-1 ITEM NOMENCLATURE/SUBHEAD <b>A/C Common Ground Equipment</b>									
COST CODE	ELEMENT OF COST	FY 2002			FY 2003			FY 2004			FY 2005			To Complete		Total	
		Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Cost	Quantity	Cost
	45. COAST				92	54.00	4,968	300	54.00	16,200	210	54.00	11,340			602	32,508
	47. LACIS							3	143.33	430	83	80.00	6,640			86	7,070
	48. Tow Tractor				100	30.00	3,000	200	30.00	6,000	450	30.00	13,500	450	13,500	1200	36,000
	49. Air Conditioner, Electric							10	45.00	450	130	45.00	5,850	120	5,400	260	11,700
	52. NCPP-105	6	66.70	400	17	66.70	1,134	9	66.70	600	25	66.70	1,668	9	600	72	4,802
	54. Hyd Power Supply (diesel)										25	65.00	1,625	250	16,250	450	17,875
	55. GTC-200							4	1125	4,500	80	500	40,000	276	138,000	360	182,500
	Production Support			9,432			10,032			13,598			14,326				
	Initial Outfitting/Odd Cog			500			500			824			850				
				<b>33,283</b>			<b>52,279</b>			<b>72,789</b>			<b>165,197</b>		<b>212,305</b>		<b>716,352</b>

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CLASSIFICATION:

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BUDGET PROCUREMENT HISTORY AND PLANNING EXHIBIT (P-5A)					Weapon System			A. DATE			
B. APPROPRIATION/BUDGET ACTIVITY					C. P-1 ITEM NOMENCLATURE					SUBHEAD	
Aircraft Procurement, Navy					A/C Common Support Equipment					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 Revision Available	
2. HCT Stand Replacement FY 1997	30	189.23	NAWCAD Lke	07/96	OPTION	DAYTON T. BROWN, LI NY	01/97	06/99	Yes	No	
4. Vibration Test Set ECP FY 1998	93	11.53	NAWCAD Lke	12/98	C/FFP	Dynamic Inst., San Diego CA	04/99	08/99	Yes	No	
FY 1999	146	11.53	NAWCAD Lke		C/FFP OPTION	Dynamic Inst., San Diego CA	04/99	10/99	Yes	No	
FY 2000	130	10.52	NAWCAD Lke		C/FFP OPTION	Dynamic Inst., San Diego CA	02/00	12/00	Yes	No	
FY 2001	242	10.84	NAWCAD Lke		C/FFP OPTION	Dynamic Inst., San Diego CA	12/00	07/01	Yes	No	
7. Floodlight Set FY 1998	62	16.00	AF MIPR	N/A	OPTION	SEFAC Solomons MD	01/98	11/98	Yes	No	
FY 1999	150	18.67	AF MIPR		OPTION	SEFAC Solomons MD	01/99	04/99	Yes	No	
FY 2000	44	20.45	AF MIPR		OPTION	SEFAC Solomons MD	01/00	04/00	Yes	No	
8. NC-2 CILOP FY 1997	14	125.14	NAWCAD Lke	N/A	CILOP	SEFAC Solomons MD	01/97	08/99	Yes	No	
FY 1998	16	125.14	NAWCAD Lke		CILOP	SEFAC Solomons MD	01/98	06/00	Yes	No	
FY 1999	30	124.27	NAWCAD Lke		CILOP	SEFAC Solomons MD	01/99	01/01	Yes	No	
FY 2001	38	125.00	NAWCAD Lke		CILOP	SEFAC Solomons MD	01/01	11/01	Yes	No	
10. Joint Eng. Test Initiative FY 2001	4	750.00	NAWCAD Lke	07/00	C/FFP	TBD	01/01	10/01	NO		
11. Generator Test Stand, T-15 FY 1998	3	220.00	NAWCAD Lke	12/97	C/FFP	TestTeck, Livonia, MI	05/98	07/99	Yes	No	
FY 2000	12	263.00	NAWCAD Lke		C/FFP	TestTeck, Livonia, MI	02/00	09/00	Yes	No	
FY 2001	15	269.00	NAWCAD Lke		C/FFP	TestTeck, Livonia, MI	01/01	09/01	Yes	No	
D. REMARKS											

# UNCLASSIFIED

CLASSIFICATION:

BUDGET PROCUREMENT HISTORY AND PLANNING EXHIBIT (P-5A)					Weapon System			A. DATE <b>February 2000</b>		
B. APPROPRIATION/BUDGET ACTIVITY <b>Aircraft Procurement, Navy</b>					C. P-1 ITEM NOMENCLATURE <b>A/C Common Support Equipment</b>				SUBHEAD <b>47C2</b>	
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
13. Hanger Deck Crane FY 1999	35	12.60	NAWCAD Lke	08/98	C/FFP	Regent MFG, Downey, CA	02/99	04/99	Yes	No
16. Exp O2/N2 Generator FY 1999	12	359.25	NAWCAD Lke	06/98	C/FFP	PCI Corp, Santa Ana, CA	12/98	02/00	Yes	No
17. O2/N2 Recharger FY 1999	13	51.69	NAWCAD Lke	10/98	C/FFP	PCI Corp, Santa Ana, CA	04/99	02/00	Yes	No
18. Flightline Air Start System FY 1999	1	223.00	NAWCAD Lke	N/A	MIPR	SEFAC, Solomons MD	08/99	04/00	Yes	No
19. CV Cell Air Start FY 1999	12	76.92	NAWCAD Lke	N/A	MIPR	SEFAC, Solomons MD	07/99	07/00	Yes	No
21. Memory Loader Verifier Set FY 1998	52	19.65	NAVAIR	09/97	C/FFP	Data Voice Inc, Palm Bay FL	05/98	03/99	Yes	No
FY 1999	162	13.73	NAVAIR		C/FFP Option	Data Voice Inc, Palm Bay FL	05/99	02/00	Yes	No
FY 2000	12	16.70	NAVAIR		C/FFP Option	Data Voice Inc, Palm Bay FL	12/99	02/01	Yes	No
22. NDI Pressure Temp Test Set FY 1998	205	30.94	NAWCAD Lke	06/97	C/FFP Option	Druck Inc, New Fairfield CT	12/97	01/99	Yes	No
FY 1999	438	30.93	NAWCAD Lke		C/FFP Option	Druck Inc, New Fairfield CT	12/98	11/99	Yes	No
D. REMARKS										

# UNCLASSIFIED

CLASSIFICATION:

BUDGET PROCUREMENT HISTORY AND PLANNING EXHIBIT (P-5A)					Weapon System			A. DATE			
B. APPROPRIATION/BUDGET ACTIVITY					C. P-1 ITEM NOMENCLATURE					SUBHEAD	
Aircraft Procurement, Navy					<b>A/C Common Support Equipment</b>					<b>February 2000</b>	
										<b>47C2</b>	
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	
24. IFF Interrogator/Transponder TS											
FY 1999	236	12.76	NAWCAD Lke	07/98	C/FFP Option	Tel-Instrument, Carlstadt NJ	08/99	11/99	Yes	No	
FY 2000	432	12.76	NAWCAD Lke		C/FFP Option	Tel-Instrument, Carlstadt NJ	12/99	10/00	Yes	No	
FY 2001	45	13.51	NAWCAD Lke		C/FFP Option	Tel-Instrument, Carlstadt NJ	04/01	10/01	Yes	No	
26. Cable Repair SE											
FY 2001	11	70.00	NAWCAD Lke		TBD	TBD	02/01	02/02	Yes	No	
27. AWM-102											
FY 2000	15	5.00	NAWCAD Lke	09/99	C/FFP	TBD	03/00	09/00	Yes	No	
FY 2001	290	5.00	NAWCAD Lke		C/FFP Option	TBD	03/01	07/01	Yes	No	
28. Joint Serv Elect Combat Test											
FY 2001	37	231.27	NAWCAD Lke	08/00	TBD	AAI Corp., Hunt Valley, MD	04/01	02/02	Yes	No	
31. Crane ECP											
FY 1998	5	228.80	NAWCAD Lke	08/96	Option	Lakeshore, Iron Mountain MI	12/97	05/98	Yes	No	
50. MLVS ECP											
FY 2000	163	8.16	NAWCAD Lke	09/99	SS	Data Voice, Palm Bay, FL	04/00	05/00	Yes	No	
FY 2001	163	8.16	NAWCAD Lke		SS option	Data Voice, Palm Bay, FL	11/00	01/01	Yes	No	
D. REMARKS											

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CLASSIFICATION:

BUDGET PROCUREMENT HISTORY AND PLANNING EXHIBIT (P-5A)					Weapon System			A. DATE <b>February 2000</b>		
B. APPROPRIATION/BUDGET ACTIVITY Aircraft Procurement, Navy					C. P-1 ITEM NOMENCLATURE <b>A/C Common Support Equipment</b>				SUBHEAD <b>47C2</b>	
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 Avaialble NOW?	DATE Revision Available
52. NCCP-105 FY 2000	9	66.70	NAWCAD Lke		CILOP	DYNCORP Solomons MD	12/99	04/00	Yes	No
FY 2001	6	66.70	NAWCAD Lke		CILOP	DYNCORP Solomons MD	12/00	01/01	Yes	No
53. ABO MOD FY 2000	90	14.44	NAWCAD Lke	07/99	C/FFP	TBD	02/00	06/00	Yes	No
D. REMARKS										

CLASSIFICATION:

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<b>Exhibit P-20, Requirements Study</b>		<b>APPROPRIATION/BUDGET ACTIVITY</b> A/C Common Support Equipment				Date: February 2000			
<b>P-1 ITEM NOMENCLATURE</b>		Admin Leadtime (after Oct 1): <b>2 MONTHS</b>				Production Leadtime: <b>10 MONTHS</b>			
IFF Interrogator / Trans T.S.		<b>FY 1998</b>	<b>FY 1999</b>	<b>FY 2000</b>	<b>FY 2001</b>	<b>FY 2002</b>	<b>FY 2003</b>	<b>FY 2004</b>	<b>FY 2005</b>
Buy Summary			236	432	45				
Unit Cost			12.76	12.76	13.51				
Total Cost			3012	5514	608				
<b>Asset Dynamics</b>									
Beginning Asset Position			5	5	241	673			
Deliveries from all prior year funding		5							
Deliveries from FY 1999 funding				236					
Deliveries from FY 2000 funding					432				
Deliveries from FY 2001 funding						45			
Deliveries from subsequent years' funding									
Other Gains									
Combat Losses/Usage									
Training Losses/Usage									
Test Losses/Usage									
Other Losses/Usage									
Disposals/Retirements/Attritions/etc.									
<b>End of Year Asset Position</b>		5	5	241	673	718			
Inventory Objective or Current Authorized Allowance		763	763	763	763	763			
Inventory Objective 763	Actual Training Expenditures	Other than Training Usage		Disposals (Vehicles/Other)		Vehicles Eligible for FY 2000 Replacement:	Aircraft: TOAI:		
Assets Rqd For Combat Loads:	FY 1998 thru XXXXX:	FY 1998 thru XXXXX:		FY 1998 thru XXXXX:		Vehicles Eligible for FY 2001 Replacement:	PAA: TAI		
WRM Rqmt:	FY 1997:	FY 1997:		FY 1997:		Vehicle Augment:	Attrition Res:		
Pipeline:	FY 1996:	FY 1996:		FY 1996:			BAI		
Other:	FY 1995:	FY 1995:		FY 1995:			Inactive Inv:		
TOTAL:							Storage:		
Remarks:									

P-1 SHOPPING LIST

CLASSIFICATION:

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<b>Exhibit P-20, Requirements Study</b>		<b>APPROPRIATION/BUDGET ACTIVITY</b> A/C Common Support Equipment				Date: <b>February 2000</b>			
<b>P-1 ITEM NOMENCLATURE</b>		Admin Leadtime (after Oct 1): <b>6 MONTHS</b>				Production Leadtime: <b>10 MONTHS</b>			
Joint Service Electric Combat System Tester		<b>FY 1998</b>	<b>FY 1999</b>	<b>FY 2000</b>	<b>FY 2001</b>	<b>FY 2002</b>	<b>FY 2003</b>	<b>FY 2004</b>	<b>FY 2005</b>
Buy Summary					37	70	78		
Unit Cost					231.27	175.00	175.00		
Total Cost					8,557	12,250	13,650		
<b>Asset Dynamics</b>									
Beginning Asset Position							37	107	
Deliveries from all prior year funding									
Deliveries from FY 1999 funding									
Deliveries from FY 2000 funding									
Deliveries from FY 2001 funding						37			
Deliveries from subsequent years' funding							70	78	
Other Gains									
Combat Losses/Usage									
Training Losses/Usage									
Test Losses/Usage									
Other Losses/Usage									
Disposals/Retirements/Attritions/etc.									
<b>End of Year Asset Position</b>						37	107	185	
Inventory Objective or Current Authorized Allowance					185	185	185	185	
Inventory Objective 185	Actual Training Expenditures	Other than Training Usage		Disposals (Vehicles/Other)		Vehicles Eligible for FY 2000 Replacement:		Aircraft: TOAI:	
Assets Rqd For Combat Loads:	FY 1998 thru XXXXX:	FY 1998 thru XXXXX:		FY 1998 thru XXXXX:		Vehicles Eligible for FY 2001 Replacement:		PAA: TAI	
WRM Rqmt:	FY 1997:	FY 1997:		FY 1997:		Vehicle Augment:		Attrition Res:	
Pipeline:	FY 1996:	FY 1996:		FY 1996:				BAI	
Other:	FY 1995:	FY 1995:		FY 1995:				Inactive Inv:	
TOTAL:								Storage:	
Remarks:									

P-1 SHOPPING LIST

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FY 2000/01 BUDGET PRODUCTION SCHEDULE, P-21											DATE February 2000																		
APPROPRIATION/BUDGET ACTIVITY						Weapon System					P-1 ITEM NOMENCLATURE																		
AIRCRAFT PROCUREMENT, NAVY						Production Rate			Procurement Leadtimes																				
Item	Manufacturer's Name and Location					MSR	1-8-5	MAX	ALT Prior to Oct 1	ALT After Oct 1	Initial Mfg PLT	Reorder Mfg PLT	Total	Unit of Measure															
IFF Interrogator Test Set	Tel-Instruments, Carlstadt, NJ					20	30	40		10	3																		
ITEM / MANUFACTURER	F Y	S V C	Q T Y	D E L	B A L	FISCAL YEAR 1998											B A L												
						1997			CALENDAR YEAR 1998									CALENDAR YEAR 1999											
						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
IFF ITTS/ Tel Instruments	97	N	5	0	5					5																		0	
IFF ITTS/ Tel Instruments	99	N	236	0	236																							236	
ITEM / MANUFACTURER	F Y	S V C	Q T Y	D E L	B A L	FISCAL YEAR 2000											FISCAL YEAR 2001											B A L	
						1999			CALENDAR YEAR 2000								CALENDAR YEAR 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
IFF ITTS/ Tel Instruments	99	N	236	0	236		20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	0
IFF ITTS/ Tel Instruments	00	N	432	0	432																			36	36	36	36	36	0
IFF ITTS/ Tel Instruments	01	N	45	0	45																							45	
Remarks:																													







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BUDGET ITEM JUSTIFICATION SHEET P-40							DATE: <b>February 2000</b>					
APPROPRIATION/BUDGET ACTIVITY <b>Aircraft Procurement, Navy/BA-7</b>							P-1 ITEM NOMENCLATURE <b>COMMON GROUND EQUIPMENT (47C2)- ICP/HEADQUARTERS MANAGED SUPPORT EQUIPMENT</b>					
Program Element for Code B Items:							Other Related Program Elements					
	Prior Years	ID Code	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	To Complete	Total
QUANTITY												
COST (In Millions)			<b>17.482</b>	<b>16.228</b>	<b>5.833</b>	<b>5.773</b>	<b>2.650</b>	<b>2.964</b>	<b>6.916</b>	<b>6.972</b>	<b>Cont'd</b>	<b>Cont'd</b>
<p>General Program Description</p> <p>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. The NAVICP currently manages over 11,000 individual repairable SE end items. This subline also funds initial outfitting of new construction ships.</p> <p>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.</p> <p>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.</p> <p>NAVAIR is responsible for the design and initial production of the items cited above. When each is fully qualified, the NAVICP will assume material management responsibility for the item.</p>												

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WEAPONS SYSTEM COST ANALYSIS P-5						Weapon System			DATE: <b>February 2000</b>																
APPROPRIATION/BUDGET ACTIVITY <b>Aircraft Procurement, Navy</b>						ID Code	P-1 ITEM NOMENCLATURE/SUBHEAD <b>A/C Common Ground Equipment ICP/HEADQUARTERS MANAGED SUPPORT EQUIPMENT</b>																		
COST CODE	ELEMENT OF COST	ID Code	TOTAL COST IN THOUSANDS OF DOLLARS																						
			Prior Years	FY 1998			FY 1999			FY 2000			FY 2001												
			Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost										
70600	1. Additional CSE for initial outfitting of sites due to: (a) intro of weapon systems and (b) baseloading changes for existing weapon systems/subsystems					1,309				1,000			402			1,000									
	2. Additional PSE for initial outfitting of sites due to baseloading changes for out-of-production weapon systems and subsystems.					720				2,273			800			320									
	3. New SE required for replenishment of existing SE due to obsolescence and attrition.					9,663				8,951			1,506			2,903									
	4. Additional SE resulting from allowance increases determined to be required by actual fleet operating experience.																								
	5. Aviation general purpose electronic test equipment for initial site outfitting.																								
	6. SE in support of reserve.																								
	7. SE for training command.																								
	8. Design/initial production of new items of PSE required to replace existing obsolescent PSE items.					2,550																			
	9. Design/initial production of new items for PSE required to complete or augment existing fleet site outfitting.					0																			
	10. Modification to existing PSE.					480				1,054															
	11. Production Support					2,760				2,950			3,125			1,550									
						<b>0</b>			<b>0</b>	<b>17,482</b>			<b>0</b>		<b>16,228</b>			<b>0</b>		<b>5,833</b>			<b>0</b>		<b>5,773</b>

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WEAPONS SYSTEM COST ANALYSIS P-5				Weapon System			DATE: February 2000										
APPROPRIATION/BUDGET ACTIVITY Aircraft Procurement, Navy				ID Code	P-1 ITEM NOMENCLATURE/SUBHEAD A/C Common Ground Equipment ICP/HEADQUARTERS MANAGED SUPPORT EQUIPMENT												
COST CODE	ELEMENT OF COST	FY 2002			FY 2003			FY 2004			FY 2005			To Complete		Total	
		Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Cost	Quantity	Cost
70600	1. Additional CSE for initial outfitting of sites due to: (a) intro of weapon systems and (b) baseloading changes for existing weapon systems/subsystems.			1,026			1,120			2,000			2,000				Cont'd
	2. Additional PSE for initial outfitting of sites due to baseloading changes for out-of-production weapon systems and subsystems.			824			844			1,517			1,438				Cont'd
	3. New SE required for replenishment of existing SE due to obsolescence and attrition.			100			100			426			500				Cont'd
	4. Additional SE resulting from allowance increases determined to be required by actual fleet operating experience.			0			0			0			0				
	5. Aviation general purpose electronic test equipment for initial site outfitting.			0			0			0			0				
	6. SE in support of reserve.			0			0			0			0				
	7. SE for training command.			0			0			0			0				
	8. Design/initial production of new items of PSE required to replace existing obsolescent PSE items.			0			0			0			0				
	9. Design/initial production of new items for PSE required to complete or augment existing fleet site outfitting.			0			0			0			0				
	10. Modification to existing PSE.			0			0			0			0				
	11. Production Support			700			900			2,973			3,034				Cont'd
				<b>2,650</b>			<b>2,964</b>			<b>6,916</b>			<b>6,972</b>				<b>Cont'd</b>

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BUDGET ITEM JUSTIFICATION SHEET P-40								DATE: February 2000					
APPROPRIATION/BUDGET ACTIVITY <b>Aircraft Procurement, Navy</b>								P-1 ITEM NOMENCLATURE <b>Consolidated Automated Support System</b>					
Program Element for Code B Items:								Other Related Program Elements					
	Prior Years	ID Code	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	To Complete	Total
QUANTITY		A	44	44	39	35	40	40	40	34	3	Cont'd	Cont'd
COST (In Millions)	*		\$ 103,483	\$ 87,839	\$ 99,347	\$ 95,886	\$ 121,695	\$ 122,889	\$ 123,104	\$ 116,846	\$ 62,090	Cont'd	Cont'd
<p>Program Coverage: ConsolidatedAutomatedSupport System (CASS) program (ACAT II) is chartered to replace the Navy's inventoryof 24 different types of computer based Automatic Test Equipment (ATE) with one type of modern, cost effective COTS/NDI based ATE system. CASS supports intermediate (AIMD) level and Depot level repair of aircraft, surface and other weapon system electronics. CASS repairs over 600 different assets, with an eventual workload of over 2300 different "black boxes" and associated circuit cards. Supports assets from: FA-18, AV-8B, EA-3, S-3,EA-6B,F-14 A/B/D, H-60, H-3,C-2, and eventually the V-22 and FA-18 E/F.</p> <p>Justification: CASS replaces older, legacy ATE systems that have become obsolete, parts are no longer availableand the older systems are too expensive to maintain. CASS reduces afloat CV/CVN ATE manning from 104 to 54 and reduces the size of AVCALS (spare parts from 30,000 to 3,500 ). CASS also reduces Naval Enlisted Classifications (NEC's) technician types, along with their training courses from 32 to only 2. 18-19 CASS stations will be deployed on CV/CVNs, 2 per LHD/LHA, as well as in shore AIMD's, at USMC Marine Aviation Logistics Squadron (MALS), and at 3 NADEPS.</p> <p>Current and budget year requirements (FY 01 and 02) are needed for CASS introduction in support of the following new and transitioning systems:</p> <p>New: T-45 TS, JTIDS , ATARS, AV-8BII+, E-2C AN/ASW-50, EA-6B UEU, EA-6B Low/High Band Transmitter, AN/ALE-50, F-18 E/F, F-18 E/F FADEC, SHIPBOARD CEC, V-22, SH-60B MUX-DEMUX, F-14 PTID, F-14 IRST.</p> <p>Transitioning: USM-247(V) VAST (F-14/S-3), USM-470(V)2, TMV (F-14), APM-438/457(S-3), ASM-614 ESTS (S-3, H-60,EA-6B), AAM-60 EOSTS (S-3), USM-403 HATS (S-3), USM-470(V)1 MV (F/A-18), APM-446 RSTS (F/A-18, AV-8B), USM-604 EETS (AV-8B), USM-484 HTS (AV-8B), AWM-23 RFTS (F-14), OJ-615 TTS (EA 6), USM-429VI, CAT IIID (multi A/C), USM-686, IATS (F/A-18).</p> <p>Also pursuing severalCLASS I ECPs generatedthru the P3I program to permit systematic insertion of new technologyto meet advancesin weapon system avionicsand testing technology.</p> <p>SLEP: Initiating CASS station rework starting in 2005 to modernize older CASS stations to the newer baseline configuration.</p>													
* Due to multiple Requiring Financial Managers (RFM's) in prior years, detailed breakout of prior year data is not available.													

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BUDGET ITEM JUSTIFICATION SHEET FOR AGGREGATED ITEMS P-40a								DATE: February 2000				
APPROPRIATION/BUDGET ACTIVITY Aircraft Procurement, Navy							P-1 ITEM NOMENCLATURE CONSOLIDATED AUTOMATED SUPPORT SYSTEM					
Procurement Items	ID Code	Prior Years	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	To Complete	Total
CASS	A											
QTY		44	44	39	35	40	40	40	34	3		319
COST		55,089	55,172	48,422	50,752	58,024	66,862	72,017	71,060	6,300		483,698
EO+ SUBSYSTEM												
QTY		6	0	14	8	12						40
COST		9,695	0	20,800	11,593	17,060						59,148
CTS												
QTY		2										2
COST		5,492										5,492
RT CASS												
QTY							5	5	10	5		25
COST							7,625	7,802	15,219	7,700		38,346
CASS SLEP					\$ -	\$ -	\$ -	\$ -	\$ -	\$ 17,146		17,146
OTHER COSTS		\$ 33,207	\$ 32,667	\$ 30,125	\$ 33,541	\$ 46,611	\$ 48,402	\$ 43,285	\$ 30,567	\$ 30,944		329,349
TOTAL		103,483	87,839	99,347	95,886	121,695	122,889	123,104	116,846	62,090		933,179

P-1 SHOPPING LIST

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WEAPONS SYSTEM COST ANALYSIS P-5				Weapon System									Date: Feb 2000		
APPROPRIATION/BUDGET ACTIVITY Aircraft Procurement, Navy				ID Code	P-1 ITEM NOMENCLATURE/SUBHEAD <b>CONSOLIDATED AUTOMATED SUPPORT SYSTEM</b>										
COST CODE	ELEMENT OF COST	ID Code	TOTAL COST IN THOUSANDS OF DOLLARS												
			Prior Years	FY 1999			FY 1999			FY 2000			FY 2001		
			Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost
	<b>CONSOLIDATED AUTOMATED SUPPORT SYSTEMS (CASS)</b>														
	Hardware Costs	A	55,089	44	1,254	55,172	39	1,242	48,442	35	1,450	50,752	40	1,451	58,024
	E0SS+		9,695			0	14	1,486	20,800	8	1,449	11,593	12	1,422	17,060
	Ancillary Equipment		909			500			500			30			1,000
	Contractor Management		1,600			1,124			1,091			3,500			3,190
	Common Test Set		5,492			0			0			0			0
	RTCASS		0			0			0	0		0		0	0
	ECP		1,428			2,055			5,554			5,767			5,500
	SLEP		0			0			0			0			0
	Support costs														
	ILS		19,252			11,186			10,614			12,358			12,372
	Support-of-Support TPS		0			6,044			2,000			500			1,647
	Equipment Installation Cost		3,538			5,316			4,250			4,563			16,761
	Production Support		6,480			6,442			6,096			6,823			6,141
			<b>103,483</b>			<b>87,839</b>			<b>99,347</b>			<b>95,886</b>			<b>121,695</b>

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WEAPONS SYSTEM COST ANALYSIS P-5							Weapon System						DATE: Feb 2000						
APPROPRIATION/BUDGET ACTIVITY Aircraft Procurement, Navy							ID Code		P-1 ITEM NOMENCLATURE/SUBHEAD <b>CONSOLIDATED AUTOMATED SUPPORT SYSTEM</b>										
COST CODE	ELEMENT OF COST	FY 2002			FY 2003			FY 2004			FY 2005			To Complete		Total			
		Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Cost	Quantity	Cost		
			CONSOLIDATED AUTOMATED SUPPORT SYSTEMS (CASS)																
	Hardware Costs	40	1,672	66,862	40	1,800	72,017	34	2,090	71,060	3	2,100	6,300						
	E0SS+	0		0	0	0	0	0	0	0	0	0	0						
	Ancillary Equipment			2,430			2,194			1,639			500						
	Contractor Management			3,332			3,476			1,700			1,700						
	Common Test Set			0			0			0			0						
	RTCASS	5	1,525	7,625	5	1,560	7,802	10	1,522	15,219	5	1,540	7,700						
	ECP			7,317			7,127			2,000			2,000						
	SLEP			0			0			0			17,146						
	Support costs																		
	ILS			12,008			13,362			13,551			14,415						
	Support-of-Support TPS			2,500			3,500			3,000			5,000						
	Equipment Installation Cost			15,288			8,652			4,200			3,300						
	Production Support			5,527			4,974			4,477			4,029						
				<b>122,889</b>			<b>123,104</b>			<b>116,846</b>			<b>62,090</b>						

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B. APPROPRIATION/BUDGET ACTIVITY					C. P-1 ITEM NOMENCLATURE				SUBHEAD	
Aircraft Procurement, Navy					EO+ CASS				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
BASE - 1999	14	1,486	NAVAIR	Nov-98	FFP OPTION	NORTHROP GRUMMAN ROLLING MEADOWS, IL	06/99	06/00	Yes	
OPTION 1-2000	8	1,449	NAVAIR	Dec-99	Option	NORTHROP GRUMMAN ROLLING MEADOWS, IL	12/99	05/01	Yes	
OPTION 2 - 2001	12	1,422	NAVAIR	Dec-00	Option	NORTHROP GRUMMAN ROLLING MEADOWS, IL	12/00	01/02	Yes	
D. REMARKS										

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B. APPROPRIATION/BUDGET ACTIVITY					C. P-1 ITEM NOMENCLATURE				SUBHEAD	
Aircraft Procurement, Navy					Consolidated Automated Support Systems				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
LOT 7-1997	44	1,252	NAVAIR	Mar-97	FFP OPT	LOCKHEED MARTIN AMERICUS, GA	4/97	11/98	YES	
LOT 8 -1998	44	1,254	NAVAIR	Jan-98	FFP OPT	LOCKHEED MARTIN AMERICUS, GA	3/98	7/99	YES	
LOT 9 -1999	39	1,242	NAVAIR	Oct-98	FFP OPT	LOCKHEED MARTIN AMERICUS, GA	11/98	7/00	YES	
LOT 10-2000	35	1,450	NAVAIR	Jul-99	FFP	LOCKHEED MARTIN AMERICUS, GA	3/00	6/01	YES	
LOT 11-2001	40	1,450	NAVAIR	Jul-00	FFP OPT	LOCKHEED MARTIN AMERICUS, GA	1/01	5/02	YES	
D. REMARKS										

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<b>Exhibit P-20, Requirements Study</b>		<b>APPROPRIATION/BUDGET ACTIVITY</b> <b>AIRCRAFT PROCUREMENT, NAVY</b>				Date: <b>February 2000</b>			
<b>P-1 ITEM NOMENCLATURE</b> <b>CONSOLIDATED AUTOMATED SUPPORT SYSTEMS</b>		Admin Leadtime (after Oct 1): <b>3 MONTHS</b>				Production Leadtime: <b>16 MONTHS</b>			
		<b>FY 1998</b>	<b>FY 1999</b>	<b>FY 2000</b>	<b>FY 2001</b>	<b>FY 2002</b>	<b>FY 2003</b>	<b>FY 2004</b>	<b>FY 2005</b>
Buy Summary		44	39	35	40	40	40	34	3
Unit Cost		1,254	1,242	1,450	1,450	1,672	1,800	2,090	2,100
Total Cost		55,172	48,442	50,752	58,024	66,862	72,017	71,060	6,300
<b>Asset Dynamics</b>									
Beginning Asset Position		285	334	397	447	486	526	566	606
Deliveries from all prior year funding		49	63	38					
Deliveries from FY 1999 funding				12	27				
Deliveries from FY 2000 funding					12	23			
Deliveries from FY 2001 funding						17	23		
Deliveries from subsequent years' funding							17	40	40
Other Gains									
Combat Losses/Usage									
Training Losses/Usage									
Test Losses/Usage									
Other Losses/Usage									
Disposals/Retirements/Attritions/etc.									
<b>End of Year Asset Position</b>		334	397	447	486	526	566	606	646
Inventory Objective or Current Authorized Allowance		688	688	688	688	688	688	688	688
Inventory Objective 688	Actual Training Expenditures	Other than Training Usage		Disposals (Vehicles/Other)		Vehicles Eligible for FY 2000 Replacement:		Aircraft: TOAI:	
Assets Rqd For Combat Loads:	FY 1998 thru XXXXX:	FY 1998 thru XXXXX:		FY 1998 thru XXXXX:		Vehicles Eligible for FY 2001 Replacement:		PAA: TAI	
WRM Rqmt:	FY 1997:	FY 1997:		FY 1997:		Vehicle Augment:		Attrition Res:	
Pipeline:	FY 1996:	FY 1996:		FY 1996:				BAI	
Other:	FY 1995:	FY 1995:		FY 1995:				Inactive Inv:	
TOTAL:		668						Storage:	
Remarks:									
* THE INVENTORY FOR THE CASS STATIONS DOES NOT INCLUDE THE 25 RT CONFIGURATIONS. THESE ARE SHOWN ON A SEPARATE EXHIBIT DUE TO DELIVERY AND AWARD DIFFERENCES.									

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<b>Exhibit P-20, Requirements Study</b>		<b>APPROPRIATION/BUDGET ACTIVITY</b> <b>AIRCRAFT PROCUREMENT, NAVY</b>				Date: <b>February 2000</b>			
<b>P-1 ITEM NOMENCLATURE</b> <b>CASS EO+ SUBSYSTEM</b>		Admin Leadtime (after Oct 1): <b>6 MONTHS</b>				Production Leadtime: <b>12 MONTHS</b>			
		<b>FY 1998</b>	<b>FY 1999</b>	<b>FY 2000</b>	<b>FY 2001</b>	<b>FY 2002</b>	<b>FY 2003</b>	<b>FY 2004</b>	<b>FY 2005</b>
Buy Summary		0	14	8	12				
Unit Cost		0	1,485	1,449	1,421				
Total Cost		0	20,800	11,593	17,060				
<b>Asset Dynamics</b>									
Beginning Asset Position			3	9	18	33			
Deliveries from all prior year funding		3	6	6					
Deliveries from FY 1999 funding				3	11				
Deliveries from FY 2000 funding					4	4			
Deliveries from FY 2001 funding						9	3		
Deliveries from subsequent years' funding									
Other Gains									
Combat Losses/Usage									
Training Losses/Usage									
Test Losses/Usage									
Other Losses/Usage									
Disposals/Retirements/Attritions/etc.									
<b>End of Year Asset Position</b>		3	9	18	33	46	49	49	49
Inventory Objective or Current Authorized Allowance			49	49	49	49	49	49	49
Inventory Objective 49	Actual Training Expenditures	Other than Training Usage		Disposals (Vehicles/Other)		Vehicles Eligible for FY 2000 Replacement:	Aircraft: TOAI:		
Assets Rqd For Combat Loads:	FY 1998 thru XXXXX:	FY 1998 thru XXXXX:		FY 1998 thru XXXXX:		Vehicles Eligible for FY 2001 Replacement:	PAA: TAI		
WRM Rqmt:	FY 1997:	FY 1997:		FY 1997:		Vehicle Augment:	Attrition Res:		
Pipeline:	FY 1996:	FY 1996:		FY 1996:			BAI		
Other:	FY 1995:	FY 1995:		FY 1995:			Inactive Inv:		
TOTAL:							Storage:		
Remarks:									

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<b>Exhibit P-20, Requirements Study</b>		<b>APPROPRIATION/BUDGET ACTIVITY</b> <b>AIRCRAFT PROCUREMENT, NAVY</b>				Date: <b>February 2000</b>			
<b>P-1 ITEM NOMENCLATURE</b> <b>RT CASS</b>		Admin Leadtime (after Oct 1): <b>12 MONTHS</b>				Production Leadtime: <b>14 MONTHS</b>			
		<b>FY 1998</b>	<b>FY 1999</b>	<b>FY 2000</b>	<b>FY 2001</b>	<b>FY 2002</b>	<b>FY 2003</b>	<b>FY 2004</b>	<b>FY 2005</b>
Buy Summary						<b>5</b>	<b>5</b>	<b>10</b>	<b>5</b>
Unit Cost						1,525	1,560	1,522	1,540
Total Cost						7,625	7,802	15,219	7,700
<b>Asset Dynamics</b>									
Beginning Asset Position						5	5	10	5
Deliveries from all prior year funding									
Deliveries from FY 1999 funding									
Deliveries from FY 2000 funding									
Deliveries from FY 2001 funding									
Deliveries from subsequent years' funding						0	5	5	10
Other Gains									
Combat Losses/Usage									
Training Losses/Usage									
Test Losses/Usage									
Other Losses/Usage									
Disposals/Retirements/Attritions/etc.									
<b>End of Year Asset Position</b>						0	5	10	20
Inventory Objective or Current Authorized Allowance						25	25	25	25
Inventory Objective 25	Actual Training Expenditures	Other than Training Usage		Disposals (Vehicles/Other)		Vehicles Eligible for FY 2000 Replacement:		Aircraft: TOAI:	
Assets Rqd For Combat Loads:	FY 1998 thru XXXXX:	FY 1998 thru XXXXX:		FY 1998 thru XXXXX:		Vehicles Eligible for FY 2001 Replacement:		PAA: TAI	
WRM Rqmt:	FY 1997:	FY 1997:		FY 1997:		Vehicle Augment:		Attrition Res:	
Pipeline:	FY 1996:	FY 1996:		FY 1996:				BAI	
Other:	FY 1995:	FY 1995:		FY 1995:				Inactive Inv:	
TOTAL:								Storage:	
Remarks:									





**FY 2000/2001 BUDGET PRODUCTION SCHEDULE, P-21**

DATE: Feb 2000

APPROPRIATION/BUDGET ACTIVITY  
**AIRCRAFT PROCUREMENT, NAVY**

Weapon System

P-1 ITEM NOMENCLATURE  
**CASS**

Item	Manufacturer's Name and Location	Production Rate			Procurement Leadtimes				Total	Unit of Measure
		MSR	ECON	MAX	ALT Prior to Oct 1	ALT After Oct 1	Initial Mfg PLT	Reorder Mfg PLT		
CASS Configurations	Lockheed Martin	2	6	10		3	16			
	Americus, GA									

ITEM / MANUFACTURER	F Y	S V C	Q T Y	D E L	B A L	FISCAL YEAR 1998												FISCAL YEAR 1999												B A L								
						CALENDAR YEAR 1998												CALENDAR YEAR 1999																				
						###	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A		S							
						C T V C	A N	E B	A R	A P	A Y	U N	U L	U G	E P	C T V C	A N	E B	A R	A P	A Y	U N	U L	U G	E P													
LOT 7	97	N	44	9	35													5	6	5	6	6	7													0		
LOT 8	98	N	44	0	44					A																												38
LOT 9	99	N	39	0	39													A																				39

ITEM / MANUFACTURER	F Y	S V C	Q T Y	D E L	B A L	FISCAL YEAR 2000												FISCAL YEAR 2001												B A L										
						CALENDAR YEAR 2000												CALENDAR YEAR 2001																						
						###	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A		S									
						C T V C	A N	E B	A R	A P	A Y	U N	U L	U G	E P	C T V C	A N	E B	A R	A P	A Y	U N	U L	U G	E P															
LOT 8	98	N	44	6	38	2	2	3	1	6	6	6	6	6																							0			
LOT 9	99	N	39	0	39										4	4	4	4	4	4	4	4	4	3																0
LOT 10	00	N	35	0	35					A																											23			
LOT 11	01	N	40	0	40																																40			

FY 2000/2001 BUDGET PRODUCTION SCHEDULE, P-21						DATE: Feb 2000																									
APPROPRIATION/BUDGET ACTIVITY						Weapon System						P-1 ITEM NOMENCLATURE																			
AIRCRAFT PROCUREMENT, NAVY						CASS																									
						Production Rate			Procurement Leadtimes																						
Item		Manufacturer's Name and Location				MSR	ECON	MAX	ALT Prior to Oct 1			ALT After Oct 1			Initial Mfg PLT			Reorder Mfg PLT			Total	Unit of Measure									
CASS CONFIGURATIONS		TBD				2	6	10				3			16																
ITEM / MANUFACTURER		F Y	S V C	Q T Y	D E L	B A L	FISCAL YEAR 2002												FISCAL YEAR 2003												B A L
							2001			CALENDAR YEAR 2002									CALENDAR YEAR 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	
LOT 10		00	N	35	12	23	3	4	3	4	3	3	3																		0
LOT 11		01	N	40	0	40								4	3	4	3	3	3	4	3	3	3	4	3					0	
ITEM / MANUFACTURER		F Y	S V C	Q T Y	D E L	B A L	FISCAL YEAR 2004												FISCAL YEAR 2005												B A L
							2003			CALENDAR YEAR 2004									CALENDAR YEAR 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	

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BUDGET ITEM JUSTIFICATION SHEET P-40							DATE: February 2000					
APPROPRIATION/BUDGET ACTIVITY Aircraft Procurement, Navy BA-7							P-1 ITEM NOMENCLATURE Common Ground Equipment Aviation Mobile Facilities/47C2					
Program Element for Code B Items:							Other Related Program Elements					
	Prior Years	ID Code	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	To Complete	Total
QUANTITY												
COST (In Millions)	0.703		7.643	7.184	4.929	4.844	4.946	5.023	5.150	5.307		
<p><u>Program Description:</u></p> <p>Mobile Facilities (MFs) budgeted in this sub-line consist of basic equipment: 8'X8'X20' shelters, Modular Rigid Wall Shelters, Environmental Control Units, Mobile Electrical Power generators, Short Distance Mobilizes, 60HZ Frequency Converters, Power Distribution Boxes, power cables, spreader bars, stacking blocks, scaffolds, slings, caster jacks, lashes and buckles. NAVAIR acts as the Primary Inventory Control Activity (PICA) for multi-service procurement of NAVAIR Mobile Facilities and related ancillary equipment.</p> <p><u>Program Coverage:</u></p> <p>The requirement for this equipment is directed toward fulfilling Navy and Marine Corps Aviation requirements. 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 &amp; mortar" construction.</p> <p><u>Justification:</u></p> <p>This sub-line will meet the ultimate goal of housing all Marine Corps Aviation 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).</p> <p>* Due to multiple Requiring Financial Managers (RFM's) in prior years, detailed breakout of prior year data is not availal</p>												

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WEAPONS SYSTEM COST ANALYSIS P-5						Weapon System Aviation Mobile Facilities						DATE: February 2000			
APPROPRIATION/BUDGET ACTIVITY Aircraft Procurement, Navy BA-7						ID Code A	P-1 ITEM NOMENCLATURE/SUBHEAD Common Ground Equipment Aviation Mobile Facilities/47C2								
COST CODE	ELEMENT OF COST	ID Code	TOTAL COST IN THOUSANDS OF DOLLARS												
			Prior Years	FY 1998			FY 1999			FY 2000			FY 2001		
			Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost
70500	1. Basic Van Type A	A	0	53	34.9	1850	53	34.9	1850	31	34.9	1082	28	34.9	978
70500	2. Basic Van Type B	A	0	46	37.4	1720	46	37.4	1720	30	37.4	1122	30	37.4	1122
70500	3. Side Opening Van Type A	A	0	25	34.4	860	24	34.4	826	16	34.4	551	16	34.4	551
70500	4. Side Opening Van Type B	A	0	25	35.5	888	24	35.5	852	16	35.5	568	16	35.5	568
70500	5. Integration Van	A	0	30	35.1	1054	26	35.1	913	15	35.1	527	15	35.1	527
70500	6. Environmental Control Units (3T)	A	0	100	1.8	180	0	0	0	150	1.8	270	150	1.8	270
70500	7. Power Cables	A	12	39	1	39	237	1	237	141	1	141	128	1	128
70500	8. Short Distance Mobilizers	A	0	0	0	0	0	0	0	0	0	0	0	0	0
70500	9. Publications	NA	0	0	0	0	1	100	100	0	0	0	1	65	65
70500	10. Logistic/Engineering Support	NA	500	0	585	585	0	500	500	0	500	500	0	400	400
70500	11. Logistic/Production Support	NA	191	0	450	450	0	173	173	0	164	164	0	230	230
70500	12. Drafting/Tooling	NA	0	0	17	17	0	13	13	0	4	4	0	4	4
			<b>703</b>			<b>7,643</b>			<b>7,184</b>			<b>4,929</b>			<b>4,843</b>

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WEAPONS SYSTEM COST ANALYSIS P-5				Weapon System Aviation Mobile Facilities						DATE: February 2000									
APPROPRIATION/BUDGET ACTIVITY Aircraft Procurement, Navy BA-7				ID Code A		P-1 ITEM NOMENCLATURE/SUBHEAD Common Ground Equipment Aviation Mobile Facilities/47C2													
COST CODE	ELEMENT OF COST	FY 2002			FY 2003			FY 2004			FY 2005			To Complete		Total			
		Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Cost	Quantity	Cost		
70500	1. Basic Van Type A	29	36.22	1050	29	36.22	1050	30	37.8	1134	32	37.8	1210	Cont	Cont	Cont	Cont		
70500	2. Basic Van Type B	40	38.82	1553	40	38.82	1553	40	40.5	1620	40	40.5	1620	Cont	Cont	Cont	Cont		
70500	3. Side Opening Van Type A	10	35.7	357	10	35.7	357	10	37.26	373	10	37.26	373	Cont	Cont	Cont	Cont		
70500	4. Side Opening Van Type B	10	36.85	369	10	36.85	369	10	38.45	385	10	38.45	385	Cont	Cont	Cont	Cont		
70500	5. Integration Van	16	36.43	583	16	36.43	583	16	38.01	608	16	38.01	608	Cont	Cont	Cont	Cont		
70500	6. Environmental Control Units (3T)	150	1.87	281	150	1.87	281	150	1.95	293	150	1.95	293	Cont	Cont	Cont	Cont		
70500	7. Power Cables	19	1	19	28	1	28	29	1	29	28	1	28	Cont	Cont	Cont	Cont		
70500	8. Short Distance Mobilizers	3	40	120	3	40	120	3	40	120	3	40	120	Cont	Cont	Cont	Cont		
70500	9. Publications	0	0	0	1	78	78	1	20	20	1	50	50	Cont	Cont	Cont	Cont		
70500	10. Logistic/Engineering Support	0	391	391	0	375	375	0	359	359	0	352	352	Cont	Cont	Cont	Cont		
70500	11. Logistic/Production Support	0	219	219	0	226	226	0	206	206	0	265	265	Cont	Cont	Cont	Cont		
70500	12. Drafting/Tooling	0	4	4	0	3	3	0	3	3	0	3	3	Cont	Cont	Cont	Cont		
				4,946			5,023			5,150			5,307			0		0	

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CLASSIFICATION:

BUDGET PROCUREMENT HISTORY AND PLANNING EXHIBIT (P-5A)					Weapon System Mobile Facilities		A. DATE February 2000			
B. APPROPRIATION/BUDGET ACTIVITY Aircraft Procurement, Navy BA-7					C. P-1 ITEM NOMENCLATURE Common Ground Equipment Mobile Facilities				SUBHEAD 47C2	
Cost Element/ FISCAL YEAR	QUANTITY	UNIT COST (000)	LOCATION OF PCO	RFP ISSUE DATE	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWARD DATE	DATE OF FIRST DELIVERY	TECH DATA AVAILABLE NOW?	DATE REVISIONS AVAILABLE
<u>1. Basic Van Type A</u>										
FY-98	53	34.9	NAWCADLKE	09-97	C/FP	Gichner Shelter Systems Dallastown, PA	02-98	10-98	Yes	No
FY-99	53	34.9	NAWCADLKE	09-97	C/FP	Gichner Shelter Systems Dallastown, PA	02-99	10-99	Yes	No
FY-00	31	34.9	NAWCADLKE	09-99	C/FP	Unknown	02-00	02-01	Yes	No
FY-01	28	34.9	NAWCADLKE	09-99	C/FP	Unknown	06-01	12-01	Yes	No
<u>2. Basic Van Type B</u>										
FY-98	46	37.4	NAWCADLKE	09-97	C/FP	Gichner Shelter Systems Dallastown, PA	02-98	10-98	Yes	No
FY-99	46	37.4	NAWCADLKE	09-97	C/FP	Gichner Shelter Systems Dallastown, PA	02-99	10-99	Yes	No
FY-00	30	37.4	NAWCADLKE	09-99	C/FP	Unknown	02-00	02-01	Yes	No
FY-01	30	37.4	NAWCADLKE	09-99	C/FP	Unknown	06-01	12-01	Yes	No
<u>3. Side Opening Van A</u>										
FY-98	25	34.4	NAWCADLKE	09-97	C/FP	Gichner Shelter Systems Dallastown, PA	02-98	10-98	Yes	No
FY-99	24	34.4	NAWCADLKE	09-97	C/FP	Gichner Shelter Systems Dallastown, PA	02-99	10-99	Yes	No
FY-00	16	34.4	NAWCADLKE	09-99	C/FP	Unknown	02-00	02-01	Yes	No
FY-01	16	34.4	NAWCADLKE	09-99	C/FP	Unknown	06-01	12-01	Yes	No
<u>4. Side Opening Van B</u>										
FY-98	25	35.5	NAWCADLKE	09-97	C/FP	Gichner Shelter Systems Dallastown, PA	02-98	10-98	Yes	No
FY-99	24	35.5	NAWCADLKE	09-97	C/FP	Gichner Shelter Systems Dallastown, PA	02-99	10-99	Yes	No
FY-00	16	35.5	NAWCADLKE	09-99	C/FP	Unknown	02-00	02-01	Yes	No
FY-01	16	35.5	NAWCADLKE	09-99	C/FP	Unknown	06-01	12-01	Yes	No
<u>5. Integration Van</u>										
FY-98	30	35.1	NAWCADLKE	09-97	C/FP	Gichner Shelter Systems Dallastown, PA	02-98	04-99	Yes	No
FY-99	26	35.1	NAWCADLKE	09-97	C/FP	Gichner Shelter Systems Dallastown, PA	02-99	10-99	Yes	No
FY-00	15	35.1	NAWCADLKE	09-99	C/FP	Unknown	02-00	02-01	Yes	No
FY-01	15	35.1	NAWCADLKE	09-99	C/FP	Unknown	06-01	12-01	Yes	No
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.										

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BUDGET PROCUREMENT HISTORY AND PLANNING EXHIBIT (P-5A)					Weapon System Mobile Facilities		A. DATE February 2000			
B. APPROPRIATION/BUDGET ACTIVITY Aircraft Procurement, Navy BA-7					C. P-1 ITEM NOMENCLATURE Common Ground Equipment Mobile Facilities				SUBHEAD 47C2	
Cost Element/ FISCAL YEAR	QUANTITY	UNIT COST (000)	LOCATION OF PCO	RFP ISSUE DATE	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWARD DATE	DATE OF FIRST DELIVERY	TECH DATA AVAILABLE NOW?	DATE REVISIONS AVAILABLE
<u>6. Environmental Cntrl</u>										
<u>Unit (3T)</u>										
FY-98	100	1.8	NAWCADLKE	09-95	C/FP	Environmental Systems Jacksonville, FL	12-97	06-98	Yes	No
FY-00	150	1.8	NAWCADLKE	09-99	C/FP	Unknown	02-00	12-00	Yes	No
FY-01	150	1.8	NAWCADLKE	09-99	C/FP	Unknown	01-01	7-01	Yes	No
<u>7. Power Cables</u>										
FY-98	39	1	PWC Norfolk, VA	02-98	WX	NSC Norflok, VA	02-98	08-98	Yes	No
FY-99	237	1	PWC Norfolk, VA	02-99	WX	NSC Norflok, VA	02-99	08-99	Yes	No
FY-00	141	1	PWC Norfolk, VA	02-00	WX	NSC Norflok, VA	02-00	08-00	Yes	No
FY-01	128	1	PWC Norfolk, VA	02-01	WX	NSC Norflok, VA	02-01	08-01	Yes	No
D. REMARKS Note: Power Cable Item comprised of 18 different cables, cost range \$700-\$1300 each.										

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<b>Exhibit P-20, Requirements Study</b>		APPROPRIATION/BUDGET ACTIVITY <b>Aircraft Procurement, Navy BA-7</b>				DATE: February 2000		
P-1 ITEM NOMENCLATURE <b>Aviation Mobile Facility Basic Van Type A</b>		Admin Leadtime (after Oct 1) : <b>4 Months</b>			Prod Leadtime : <b>12 Months</b>			
	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005
Buy Summary	53	53	31	28	29	29	30	32
Unit Cost	34.9	34.9	34.9	34.9	36.2	36.2	37.8	37.8
Total Cost	1850	1850	1082	978	1050	1050	1134	1210
<b>Asset Dynamics</b>								
Beginning Asset Position	1453	1453	1498	1286	1303	1323	1344	1317
Deliveries from all prior year funding		53						
Deliveries from FY 1999 funding			53					
Deliveries from FY 2000 funding				31				
Deliveries from FY 2001 funding					28			
Deliveries from subsequent years' funding						29	29	30
Other Gains								
Combat Losses/Usage								
Training Losses/Usage								
Test Losses/Usage								
Other Losses/Usage								
Disposals/Retirements/Attritions/etc.		8	265	14	8	8	56	222
<b>End of Year Asset Position</b>	1453	1498	1286	1303	1323	1344	1317	1125
Inventory Objective or Current Authorized Allowance	1591	1591	1591	1591	1591	1591	1591	1591
Inventory Objective 1591	Actual Training Expenditures	Other than Training Usage	Disposals (Vehicles/Other)	Vehicles Eligible for FY 2000 Replacement :	265	Aircraft: TOAI:		
Assets Rqd For Combat Loads:	FY 1998 thru XXXXX:	FY 1998 thru XXXXX:	FY 1998 thru XXXXX:	Vehicles Eligible for FY 2001 Replacement:	14	PAA: TAI		
WRM Rqmt:	FY 1997:	FY 1997:	FY 1997:	Vehicle Augment:		Attrition Res:		
Pipeline:	FY 1996:	FY 1996:	FY 1996:			BAI		
Other:	FY 1995:	FY 1995:	FY 1995:			Inactive Inv:		
TOTAL:						Storage:		
Remarks:								

P-1 SHOPPING LIST

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<b>Exhibit P-20, Requirements Study</b>		APPROPRIATION/BUDGET ACTIVITY <b>Aircraft Procurement, Navy BA-7</b>				DATE: February 2000		
P-1 ITEM NOMENCLATURE <b>Aviation Mobile Facility Basic Van Type B</b>		Admin Leadtime (after Oct 1) : <b>4 Months</b>			Prod Leadtime : <b>12 Months</b>			
	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005
Buy Summary	46	46	30	30	40	40	40	40
Unit Cost	37.4	37.4	37.4	37.4	38.8	38.8	40.5	40.5
Total Cost	1720	1720	1122	1122	1553	1553	1620	1620
<b>Asset Dynamics</b>								
Beginning Asset Position	1842	1842	1879	1688	1695	1716	1747	1712
Deliveries from all prior year funding		46						
Deliveries from FY 1999 funding			46					
Deliveries from FY 2000 funding				30				
Deliveries from FY 2001 funding					30			
Deliveries from subsequent years' funding						40	40	40
Other Gains								
Combat Losses/Usage								
Training Losses/Usage								
Test Losses/Usage								
Other Losses/Usage								
Disposals/Retirements/Attritions/etc.		9	237	23	9	9	75	314
<b>End of Year Asset Position</b>	1842	1879	1688	1695	1716	1747	1712	1438
Inventory Objective or Current Authorized Allowance	2015	2015	2015	2015	2015	2015	2015	2015
Inventory Objective 2015	Actual Training Expenditures	Other than Training Usage		Disposals (Vehicles/Other)		Vehicles Eligible for FY 2000 Replacement : 237		Aircraft: TOAI:
Assets Rqd For Combat Loads:	FY 1998 thru XXXXX:	FY 1998 thru XXXXX:		FY 1998 thru XXXXX:		Vehicles Eligible for FY 2001 Replacement: 23		PAA: TAI
WRM Rqmt:	FY 1997:	FY 1997:		FY 1997:		Vehicle Augment:		Attrition Res:
Pipeline:	FY 1996:	FY 1996:		FY 1996:				BAI
Other:	FY 1995:	FY 1995:		FY 1995:				Inactive Inv:
TOTAL:								Storage:
Remarks:								

P-1 SHOPPING LIST

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<b>Exhibit P-20, Requirements Study</b>			APPROPRIATION/BUDGET ACTIVITY <b>Aircraft Procurement, Navy BA-7</b>				DATE: February 2000	
P-1 ITEM NOMENCLATURE <b>Aviation Mobile Facility Side Opening Van Type A</b>			Admin Leadtime (after Oct 1) : <b>4 Months</b>			Prod Leadtime : <b>12 Months</b>		
	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005
Buy Summary	25	24	16	16	10	10	10	10
Unit Cost	34.4	34.4	34.4	34.4	35.7	35.7	37.3	37.3
Total Cost	860	826	550	550	357	357	373	373
<b>Asset Dynamics</b>								
Beginning Asset Position	301	301	325	328	343	358	367	356
Deliveries from all prior year funding		25						
Deliveries from FY 1999 funding			24					
Deliveries from FY 2000 funding				16				
Deliveries from FY 2001 funding					16			
Deliveries from subsequent years' funding						10	10	10
Other Gains								
Combat Losses/Usage								
Training Losses/Usage								
Test Losses/Usage								
Other Losses/Usage								
Disposals/Retirements/Attritions/etc.		1	21	1	1	1	21	1
<b>End of Year Asset Position</b>	301	325	328	343	358	367	356	365
Inventory Objective or Current Authorized Allowance	396	396	396	396	396	396	396	396
Inventory Objective 396	Actual Training Expenditures	Other than Training Usage		Disposals (Vehicles/Other)		Vehicles Eligible for FY 2000 Replacement : 21		Aircraft: TOAI:
Assets Rqd For Combat Loads:	FY 1998 thru XXXXX:	FY 1998 thru XXXXX:		FY 1998 thru XXXXX:		Vehicles Eligible for FY 2001 Replacement: 1		PAA: TAI
WRM Rqmt:	FY 1997:	FY 1997:		FY 1997:		Vehicle Augment:		Attrition Res:
Pipeline:	FY 1996:	FY 1996:		FY 1996:				BAI
Other:	FY 1995:	FY 1995:		FY 1995:				Inactive Inv:
TOTAL:								Storage:
Remarks:								

P-1 SHOPPING LIST

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<b>Exhibit P-20, Requirements Study</b>		APPROPRIATION/BUDGET ACTIVITY <b>Aircraft Procurement, Navy BA-7</b>				DATE: February 2000		
P-1 ITEM NOMENCLATURE <b>Aviation Mobile Facility Side Opening Van Type B</b>		Admin Leadtime (after Oct 1) : <b>4 Months</b>			Prod Leadtime : <b>12 Months</b>			
	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005
Buy Summary	25	24	16	16	10	10	10	10
Unit Cost	35.5	35.5	35.5	35.5	36.9	36.9	38.5	38.5
Total Cost	888	852	568	568	369	369	385	385
<b>Asset Dynamics</b>								
Beginning Asset Position	248	248	271	274	288	302	310	298
Deliveries from all prior year funding		25						
Deliveries from FY 1999 funding			24					
Deliveries from FY 2000 funding				16				
Deliveries from FY 2001 funding					16			
Deliveries from subsequent years' funding						10	10	10
Other Gains								
Combat Losses/Usage								
Training Losses/Usage								
Test Losses/Usage								
Other Losses/Usage								
Disposals/Retirements/Attritions/etc.		2	21	2	2	2	22	2
<b>End of Year Asset Position</b>	248	271	274	288	302	310	298	306
Inventory Objective or Current Authorized Allowance	320	320	320	320	320	320	320	320
Inventory Objective 320	Actual Training Expenditures	Other than Training Usage	Disposals (Vehicles/Other)	Vehicles Eligible for FY 2000 Replacement : 21	Aircraft: TOAI:			
Assets Rqd For Combat Loads:	FY 1998 thru XXXXX:	FY 1998 thru XXXXX:	FY 1998 thru XXXXX:	Vehicles Eligible for FY 2001 Replacement: 2	PAA: TAI			
WRM Rqmt:	FY 1997:	FY 1997:	FY 1997:	Vehicle Augment:	Attrition Res:			
Pipeline:	FY 1996:	FY 1996:	FY 1996:		BAI			
Other:	FY 1995:	FY 1995:	FY 1995:		Inactive Inv:			
TOTAL:					Storage:			
Remarks:								

P-1 SHOPPING LIST

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<b>Exhibit P-20, Requirements Study</b>			APPROPRIATION/BUDGET ACTIVITY <b>Aircraft Procurement, Navy BA-7</b>				DATE: February 2000	
P-1 ITEM NOMENCLATURE <b>Aviation Mobile Facility Integration Van</b>			Admin Leadtime (after Oct 1) : <b>4 Months</b>			Prod Leadtime : <b>12 Months</b>		
	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005
Buy Summary	30	26	15	15	16	16	16	16
Unit Cost	35.1	35.1	35.1	35.1	36.4	36.4	38	38
Total Cost	1054	913	527	527	583	583	608	608
<b>Asset Dynamics</b>								
Beginning Asset Position	691	691	716	647	601	611	622	603
Deliveries from all prior year funding		30						
Deliveries from FY 1999 funding			26					
Deliveries from FY 2000 funding				15				
Deliveries from FY 2001 funding					15			
Deliveries from subsequent years' funding						16	16	16
Other Gains								
Combat Losses/Usage								
Training Losses/Usage								
Test Losses/Usage								
Other Losses/Usage								
Disposals/Retirements/Attritions/etc.		5	95	61	5	5	35	62
<b>End of Year Asset Position</b>	691	716	647	601	611	622	603	557
Inventory Objective or Current Authorized Allowance	771	771	771	771	771	771	771	771
Inventory Objective 771	Actual Training Expenditures	Other than Training Usage	Disposals (Vehicles/Other)	Vehicles Eligible for FY 2000 Replacement : 95	Aircraft: TOAI:			
Assets Rqd For Combat Loads:	FY 1998 thru XXXXX:	FY 1998 thru XXXXX:	FY 1998 thru XXXXX:	Vehicles Eligible for FY 2001 Replacement: 61	PAA: TAI			
WRM Rqmt:	FY 1997:	FY 1997:	FY 1997:	Vehicle Augment:	Attrition Res:			
Pipeline:	FY 1996:	FY 1996:	FY 1996:		BAI			
Other:	FY 1995:	FY 1995:	FY 1995:		Inactive Inv:			
TOTAL:					Storage:			
Remarks:								

P-1 SHOPPING LIST

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<b>Exhibit P-20, Requirements Study</b>			APPROPRIATION/BUDGET ACTIVITY <b>Aircraft Procurement, Navy BA-7</b>				DATE: February 2000	
P-1 ITEM NOMENCLATURE <b>Aviation Mobile Facility Environmental Control Unit (3 Ton)</b>			Admin Leadtime (after Oct 1) : <b>4 Months</b>			Prod Leadtime : <b>11 Months</b>		
	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005
Buy Summary	100	0	150	150	150	150	150	150
Unit Cost	1.8	0	1.8	1.8	1.87	1.87	1.95	1.95
Total Cost	180	0	270	270	281	281	293	293
<b>Asset Dynamics</b>								
Beginning Asset Position	5437	5437	5337	5237	5437	5337	5537	5437
Deliveries from all prior year funding	100							
Deliveries from FY 1999 funding		0						
Deliveries from FY 2000 funding				150				
Deliveries from FY 2001 funding				150				
Deliveries from subsequent years' funding						300		300
Other Gains								
Combat Losses/Usage								
Training Losses/Usage								
Test Losses/Usage								
Other Losses/Usage								
Disposals/Retirements/Attritions/etc.	100	100	100	100	100	100	100	100
<b>End of Year Asset Position</b>	<b>5437</b>	<b>5337</b>	<b>5237</b>	<b>5437</b>	<b>5337</b>	<b>5537</b>	<b>5437</b>	<b>5637</b>
Inventory Objective or Current Authorized Allowance	5837	5837	5837	5837	5837	5837	5837	5837
Inventory Objective 5837	Actual Training Expenditures	Other than Training Usage	Disposals (Vehicles/Other)	Vehicles Eligible for FY 2000 Replacement : 100	Aircraft: TOAI:			
Assets Rqd For Combat Loads:	FY 1998 thru XXXXX:	FY 1998 thru XXXXX:	FY 1998 thru XXXXX:	Vehicles Eligible for FY 2001 Replacement: 100	PAA: TAI			
WRM Rqmt:	FY 1997:	FY 1997:	FY 1997:	Vehicle Augment:	Attrition Res:			
Pipeline:	FY 1996:	FY 1996:	FY 1996:		BAI			
Other:	FY 1995:	FY 1995:	FY 1995:		Inactive Inv:			
TOTAL:					Storage:			
Remarks:								

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<b>Exhibit P-20, Requirements Study</b>			APPROPRIATION/BUDGET ACTIVITY <b>Aircraft Procurement, Navy BA-7</b>				DATE: February 2000	
P-1 ITEM NOMENCLATURE <b>Aviation Mobile Facility Power Cables</b>			Admin Leadtime (after Oct 1) : <b>4 Months</b>			Prod Leadtime : <b>6 Months</b>		
	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005
Buy Summary	39	237	141	128	19	28	29	28
Unit Cost	1	1	1	1	1	1	1	1
Total Cost	39	237	141	128	19	28	29	28
<b>Asset Dynamics</b>								
Beginning Asset Position	13273	13312	13549	13690	13818	13837	13865	13894
Deliveries from all prior year funding	39							
Deliveries from FY 1999 funding		237						
Deliveries from FY 2000 funding			141					
Deliveries from FY 2001 funding				128				
Deliveries from subsequent years' funding					19	28	29	28
Other Gains								
Combat Losses/Usage								
Training Losses/Usage								
Test Losses/Usage								
Other Losses/Usage								
Disposals/Retirements/Attritions/etc.								
<b>End of Year Asset Position</b>	13312	13549	13690	13818	13837	13865	13894	13922
Inventory Objective or Current Authorized Allowance	15000	15000	15000	15000	15000	15000	15000	15000
Inventory Objective 15000	Actual Training Expenditures	Other than Training Usage		Disposals (Vehicles/Other)	Vehicles Eligible for FY 2000 Replacement : 0		Aircraft: TOAI:	
Assets Rqd For Combat Loads:	FY 1998 thru XXXXX:	FY 1998 thru XXXXX:		FY 1998 thru XXXXX:	Vehicles Eligible for FY 2001 Replacement: 0		PAA: TAI	
WRM Rqmt:	FY 1997:	FY 1997:		FY 1997:	Vehicle Augment:		Attrition Res:	
Pipeline:	FY 1996:	FY 1996:		FY 1996:			BAI	
Other:	FY 1995:	FY 1995:		FY 1995:			Inactive Inv:	
TOTAL:							Storage:	
Remarks:								

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BUDGET ITEM JUSTIFICATION SHEET P-40							DATE: <b>February 2000</b>					
APPROPRIATION/BUDGET ACTIVITY <b>Aircraft Procurement, Navy/Budget Activity 7</b>							P-1 ITEM NOMENCLATURE <b>Common Ground Equipment (47C2) - Training</b>					
Program Element for Code B Items:							Other Related Program Elements					
	Prior Years	ID Code	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	To Complete	Total
QUANTITY												
COST (In Millions)	*		\$54,093	\$70,640	\$138,229	\$82,772	\$74,598	\$103,740	\$77,543	\$68,044	CONT.	CONT.
<p>Common Ground Equipment - Training provides aircrew and aviation maintenance training systems in two categories.</p> <p>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.</p> <p>Justification of Major Programs: "A" School provides basic skills training for aviation maintenance personnel. Maintenance Computer Based Training (CBT) provides a formal, standardized training program throughout the fleet and schoolhouses for aircraft maintenance training. The Strike Fighter Training system (SFTS) provides standardized tactical training to aircrews undergoing instruction at Fleet Weapons Schools and fleet squadrons. The Mission Rehearsal Program procures TOPSCENE units and upgrades database capabilities to support expanded Mission Rehearsal training in the fleet. The Aircrew Combat Training Continuum (ACTC) will procure hardware and courseware in support of post-FRS HS/HSL, VAQ, VC, VP, VS and VAW platform aircrew training.</p> <p>Modification/Modernization of Trainers provides for acquisition and updates for training systems supporting out-of-production aircraft.</p> <p>Justification of Major Programs: The Deployable Tactical Trainer will provide mission, NATOPS, and instrument training capability for multiple deployed tactical aircraft. The Marine Corps Simulator Plan supports the Marine Aviation Campaign Plan with multiple networked simulators required for post-FRS tactical doctrine training. The F-14 efforts will upgrade existing simulators with enhanced visual systems and threat databases. The P-3 will provide for replacement of the 2F87(T) tactics trainer which is used by the Fleet Readiness Squadron (FRS) as a basic navigator trainer. The F/A-18 Visual Upgrade provides for the replacement of unsupportable equipment including light valves, target projectors and image generators.</p> <p>* Due to multiple Requiring Financial Mangers (RFM's) in prior years, detailed breakout of PY data is not available.</p>												

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BUDGET ITEM JUSTIFICATION SHEET FOR AGGREGATED ITEMS										DATE:		
P-40a										February 2000		
APPROPRIATION/BUDGET ACTIVITY							P-1 ITEM NOMENCLATURE					
Aircraft Procurement, Navy							Common Ground Equipment (47C2) - Training					
Procurement Items	ID Code	Prior Years	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	To Complete	Total
<b>MODIF/MODERN OF TRAINERS</b>												
AH-1W Engine Trainer												
Quantity			1									1
Funding			228									228
C-2 Operational Flight Trainer (OFT)												
Quantity					1							1
Funding					5,000							5,000
Deployable Tactical Trainer												
Quantity						1						1
Funding						6,209						6,209
EA-6B WESTPAC Trainer												
Quantity			1									1
Funding			5,887									5,887
F/A-18 Tactical Operational Flight Trainer												
Quantity				1		1						2
Funding				6,400		6,709						13,109
KC-130 WESTPAC Aircrew Procedures Trainer (APT)												
Quantity					1							1
Funding					7,000							7,000
UH-1N Aircrew Procedures Trainer (APT)												
Quantity					1							1
Funding					2,992							2,992
USMC Simulator Plan												
Quantity					3	3		4				10
Funding					20,239	10,474	0	22,397	0			53,110
<b>OTHER MODIF/MODERN OF TRNRS COSTS</b>			18,086	25,041	58,235	20,256	36,819	38,454	35,191	28,015		260,097
<b>TOTAL P-1 FUNDING</b>			<b>54,093</b>	<b>70,640</b>	<b>138,229</b>	<b>82,772</b>	<b>74,598</b>	<b>103,740</b>	<b>77,543</b>	<b>68,044</b>		<b>669,659</b>

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WEAPONS SYSTEM COST ANALYSIS				Weapon System								DATE:			
P-5												February 2000			
APPROPRIATION/BUDGET ACTIVITY				ID Code	P-1 ITEM NOMENCLATURE/SUBHEAD										
Aircraft Procurement, Navy/B. A. 7					Common Ground Equipment - Training/47C2										
COST CODE	ELEMENT OF COST	ID Code	TOTAL COST IN THOUSANDS OF DOLLARS												
			Prior Years	FY 1998		FY 1999			FY 2000			FY 2001			
			Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost
	<b>GENERAL TRAINING EQUIPMENT</b>														
	1. A School Technology - ECRs/Learning Resource Center (LRC)					1,275			1,920			4,653			6,249
	2. A School - Interactive Multisensor Analysis Trainer		3	95	285	3	95	285	1	95	95	2	95	190	
	3. Aircrew CBT - AMT & CVIS (Combat Visual ID System)				1,730			1,569			2,562			971	
	4. Aircrew Combat Training Continuum (ACTC)				0			0			0			4,363	
	5. ATC 15G3X Upgrade				1,026			514			2,329			1,408	
	6A. Mobile Aircraft Firefighting Training Device				0			0	3	500	1,500			0	
	7. Maintenance Computer Based Training (CBT)				13,748			15,137			15,888			16,757	
	8. Mission Rehearsal - Topscene (S-2H141) Deskside (Rack Mount)		5	505	2,525	5	505	2,525	4	510	2,040	4	510	2,040	
	9. Mission Rehearsal - Topscene (S-2H141) Desktop				0			0	4	105	420	4	105	420	
	10. Mission Rehearsal Pre-Planned Product Improvement (PPPI)/Support				3,250			3,521			3,364			1,897	
	11. NiteLab/Night Vision Device		5	105	525	3	105	315	2	105	210	4	105	420	
	12. Strike Fighter Training System (SFTS)				0			6,708			4,154			1,418	
	13. Other General Training Equipment Costs				5,528			6,705			4,548			2,991	
<b>SUBTOTAL - GENERAL TRAINING EQUIPMENT</b>						<b>29,892</b>			<b>39,199</b>			<b>41,763</b>			<b>39,124</b>

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WEAPONS SYSTEM COST ANALYSIS P-5				Weapon System									DATE: February 2000				
APPROPRIATION/BUDGET ACTIVITY Aircraft Procurement, Navy/B. A. 7				ID Code	P-1 ITEM NOMENCLATURE/SUBHEAD Common Ground Equipment - Training/47C2												
COST CODE	ELEMENT OF COST	ID Code	TOTAL COST IN THOUSANDS OF DOLLARS														
			Prior Years	FY 1998			FY 1999			FY 2000			FY 2001				
			Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost		
	<b>MODIF/MODERN OF TRAINERS</b>																
	14. AH-1W Engine Trainer			1	228	228				0							0
	15. C-2 Operational Flight Trainer (OFT)					0				200	1	5,000	5,000				0
	16. CH-46 D/E Maintenance Trainer Mod					272				742			3,704				194
	17. CH-53E Aircrew Procedures Trainer (APT) Upgrade					0				822			5,858				0
	18. CNATRA Trainer Support (T34 & T44A)					820				436			646				194
	19. Deployable Tactical Trainer					0				0			231	1	6,209		6,209
	20. E-6A Flight Quality Improvement Program (FQIP)/Uninterruptable Power Supply (UPS)/Integrated Avionics Trnr (IAT) Mods/OFT Stab Trim/Digital Control Loader					1,147				836			0				0
	21. E-6A OFT Rehost/OFT Instructor Operator Station (IOS) Mod(s) /Support					0				0			5,904				194
	22A. EA-6B WESTPAC Trainer			1	5,887	5,887				0			0				0
	23. EP-3E/ES-3A Mission Avionics System Trainer (MAST) Upgrade					2,102				1,353			291				292
	24. F/A-18 Tactical Operational Flight Trainer					0	1	6,400	6,400	0		1	6,709				6,709
	25. F/A-18 Visual System Upgrade					0				0			6,487				1,222
	26. F-14 Aircrew Trainer Improvement Program (ATIP)					450				0			0				0
	27. F-14 Trainer Mods/Upgrades					1,450				1,701			1,650				1,646
	28. F-14D Rehost & Threat Updates					50				400			18,830				968
	29. F-14 Vertical Display Indicator Group (VDIG)/Heads Up Display (HUD)					0				0			0				1,977
	30. F-14 Visual System Upgrade					0				0			0				2,966
	31. KC-130 WESTPAC Aircrew Procedures Trainer (APT)					0				0	1	7,000	7,000				0
	32. P-3 Deployable Acoustic Readiness Training Sys (DARTS)					414				500			485				487
	33. P-3 Mods/TECPs/Visual System/Support					1,552				1,344			2,184				2,387
	34. S-3 Fleet Replacement Squadron (FRS) CBT and Visual System Upgrade					1,137				1,893			3,214				1,011
	35. UH-1N Aircrew Procedures Trainer (APT)					0				0	1	2,992	2,992				0
	36. USMC Simulator Plan					0				0	3	6,746	20,239	3	3,491		10,474
	37. Other Modif/Modern of Trainers Costs					8,692				11,785			8,751				6,718
	38. KC-130 Direct Support Readiness Training					0				3,029			3,000				0
	<b>SUBTOTAL - MODIF/MODERN OF TRAINERS</b>					<b>24,201</b>				<b>31,441</b>			<b>96,466</b>				<b>43,648</b>
	<b>TOTAL COMMON GROUND EQUIPMENT - TRAINING</b>					<b>54,093</b>				<b>70,640</b>			<b>138,229</b>				<b>82,772</b>



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<b>WEAPONS SYSTEM COST ANALYSIS</b> P-5	Weapon System	DATE: <b>February 2000</b>
APPROPRIATION/BUDGET ACTIVITY <b>Aircraft Procurement, Navy/B.A. 7</b>	ID Code	P-1 ITEM NOMENCLATURE/SUBHEAD <b>Common Ground Equipment - Training/47C2</b>

COST CODE	ELEMENT OF COST																
		FY 2002			FY 2003			FY 2004			FY 2005			To Complete		Total	
		Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Cost	Quantity	Cost
	<b>MODIF/MODERN OF TRAINERS</b>																
	16. CH-46 D/E Maintenance Trainer Mods			194			193			191			192				
	18. CNATRA Trainer Support (T-34 & TH-57)			5,035			8,525			4,356			1,922				
	21. E-6A OFT Rehost/OFT Instructor Operator System (IOS) Mod(s)/Support			194			289			1,436			192				
	22B. E-6B Weapons System Trainer (WST) Tinker			0			0			8,828			3,754				
	23. EP-3E/ES-3A MAST Upg/Trainer Upgrade			5,007			289			1,436			672				
	27. F-14 Trainer Mods/Upgrades			1,599			1,635			1,619			1,577				
	28. F-14D Rehost & Threat Updates			376			0			0			0				
	32. P-3 Deployable Acoustic Readiness Tng Sys (DARTS)			485			481			477			482				
	33A. P-3 Mods/TECPs/Visual System/Support			8,099			8,550			4,300			13,957				
	33B. P-3 Weapons System Trainer (WST) Mods			3,765			12,791			3,912			0				
	34A. S-3 Fleet Replacement Squadron (FRS) CBT			829			760			2,154			721				
	34B. S-3 Digital Radar Landmass Simulation (DRLMS)/Forward Looking Infrared (FLIR)			3,958			0			0			0				
	34C. S-3B Tactics Instruction Operation System (IOS)			1,682			0			0			0				
	36. USMC Simulator Plan			0	4	5,599	22,397			0			0				
	37. Other Modif/Modern of Trainers Costs			5,596			4,941			6,482			4,546				
	<b>SUBTOTAL - MODIF/MODERN OF TRAINERS</b>			<b>36,819</b>			<b>60,851</b>			<b>35,191</b>			<b>28,015</b>				
<b>TOTAL COMMON GROUND EQUIPMENT - TRAINING</b>				<b>74,598</b>			<b>103,740</b>			<b>77,543</b>			<b>68,044</b>				

DD FORM 2446, JUN 86

P-1 SHOPPING LIST  
ITEM NO. 48

PAGE NO. 62

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BUDGET PROCUREMENT HISTORY AND PLANNING EXHIBIT (P-5A)	Weapon System	A. DATE February 2000
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B. APPROPRIATION/BUDGET ACTIVITY Aircraft Procurement, Navy/B.A. 7	C. P-1 ITEM NOMENCLATURE COMMON GROUND EQUIPMENT - TRAINING	SUBHEAD 47C2
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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
A School - Interactive Multisensor Analysis Trainer										
FY1998	3	95	NSWC Carderock	7/97	WX	Planning Sys Inc McLean VA	1/98	1/99	Y	1/98
FY1999	3	95	NSWC Carderock	7/98	WX	Planning Sys Inc McLean VA	12/98	1/00	Y	1/99
FY2000	1	95	NSWC Carderock	7/99	WX	Planning Sys Inc McLean VA	1/00	1/01	Y	1/00
FY2001	2	95	NSWC Carderock	7/00	WX	Planning Sys Inc McLean VA	1/01	1/02	Y	1/01
Mobile Aircraft Firefighting Training Device										
FY2000	3	500	FISC Norfolk	5/99	FFP	Canadian Commercial Corp.	1/00	4/00	Y	
Mission Rehearsal - Topscene (S-2H141) Deskside (Rack Mount)										
FY1998	5	505	NAVSUP	Classified	FFP	LMVS Arlington TX	2/98	9/98	Y	2/97
FY1999	5	505	NAVSUP	Classified	FFP	LMVS Arlington TX	6/99	1/00	Y	2/97
FY2000	4	510	NAVSUP	Classified	FFP	LMVS Arlington TX	6/00	1/01	Y	2/97
FY2001	4	510	NAVSUP	Classified	FFP	LMVS Arlington TX	6/01	1/02	Y	2/97
Mission Rehearsal - Topscene (S-2H141) Desktop										
FY2000	4	105	NAVSUP	Classified	FFP	LMVS Arlington TX	2/00	8/00	Y	2/97
FY2001	4	105	NAVSUP	Classified	FFP	LMVS Arlington TX	2/01	8/01	Y	2/97
NiteLab/Night Vision Device										
FY1998	5	105	NAVSUP	9/97	FFP	LMVS Arlington TX	3/98	9/98	Y	2/97
FY1999	3	105	NAVSUP	12/98	FFP	LMVS Arlington TX	6/99	12/99	Y	2/97
FY2000	2	105	NAVSUP	12/99	FFP	LMVS Arlington TX	6/00	12/00	Y	2/97
FY2001	4	105	NAVSUP	12/00	FFP	LMVS Arlington TX	6/01	12/01	Y	2/97

D. REMARKS

Details of the Mission Rehearsal trainer contract are classified.  
 Mission Rehearsal costs fluctuate from year to year due to the varied complexity of generating and integrating data products.

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

Weapon System

A. DATE  
February 2000

B. APPROPRIATION/BUDGET ACTIVITY  
Aircraft Procurement, Navy/B.A. 7

C. P-1 ITEM NOMENCLATURE  
COMMON GROUND EQUIPMENT - TRAINING

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
AH-1W Engine Trainer FY1998	1	228	NAWC AD PAX MD	2/97	CPFF	JF Taylor Inc Lexington Park MD	2/98	8/99	Y	5/91
C-2 Operational Flight Trainer (OFT) FY2000	1	5,000	NAWC TSD Orlando FL	N/A	FFP	Reflectone Tampa FL	2Q/00	2Q/02	Y	TBD
Deployable Tactical Trainer FY2001	1	6,209	NAWC TSD Orlando FL	2Q/00	FFP	TBD	2Q/01	4Q/02	N	
EA-6B WESTPAC Trainer FY1998	1	5,887	NAWC TSD Orlando FL	9/97	FFP	SymSystems	4/98	4/00	N	
F/A-18 Tactical Operational Flight Trainer FY1999	1	6,400	NAVAIR	4/99	FFP	Raytheon	6/99	4/00	N	
F/A-18 Tactical Operational Flight Trainer FY2001	1	6,709	NAVAIR	9/00	TBD	Raytheon	6/01	4/02	N	
KC-130 WESTPAC Aircrew Procedures Trainer (APT) FY2000	1	7,000	NAWC TSD Orlando FL	10/99	CPFF	Inglewood CO TBD	4/00	12/01	N	
UH-1N Aircrew Procedures Trainer (APT) FY2000	1	2,992	NAWC TSD Orlando FL	9/99	CPFF	JF Taylor Inc Lexington Park MD	3/00	9/00	Y	5/96
USMC Simulator Plan FY2000	3	6,746	NAWC TSD Orlando FL	4/99	CP	TBD	4/00	4/03	TBD	
USMC Simulator Plan FY2001	3	3,491	NAWC TSD Orlando FL	4/99	CP	TBD	3/01	3/04	TBD	
KC-130 Direct Support Readiness Training FY1999	N/A	3,029	NSWC IH DIV	4/99	CPFF	Telecom Solutions Inc	4/99	4/99	N/A	N/A
KC-130 Direct Support Readiness Training FY2000	N/A	3,029	NSWC IH DIV	4/00	CPFF	Telecom Solutions Inc Lake Forest CA	4/00	4/00	N/A	N/A

D. REMARKS

USMC Simulator Plan includes numerous trainers (and/or modifications or upgrades) for various platforms.

EXHIBIT P-43 SIMULATOR AND TRAINING DEVICE JUSTIFICATION											DATE: February 2000																	
Appropriation/P-1 Line Item Aircraft Procurement, Navy/B.A. 7/Common Ground Equipment - Training/47C2											Weapon System						IOC Date											
Training Device by Type	Site	Delivery Date	Ready for Training Date	Average Student Throughput	Prior Years		FY 1998		FY 1999		FY 2000		FY 2001		FY 2002		FY 2003		FY 2004		FY 2005		To Complete		Total			
					Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost
A School - Interactive Multi-Sensor Analysis Trainer																												
	*FASOT	1/99	1/99	143			3	285																		3	285	
	*FASOT	1/00	1/00	143					3	285																3	285	
	*FRS	1/01	1/01	546							1	95														1	95	
	*FRS	1/02	1/02	546								2	190													2	190	
Mobile Aircraft Firefighting Training Device																												
	Pensacola	3/00	3/00	1000							2	1,000														2	1,000	
	San Diego	3/00	3/00	1000							1	500														1	500	
Mission Rehearsal - TOPSCENE (S-2H141) Deskside (Rack Mount)																												
	Deployed			N/A			5	2,525	5	2,525	4	2,040	4	2,040			1	510	1	510	1	510					21	10,660
Mission Rehearsal - TOPSCENE (S-2H141) Desktop																												
	Deployed			N/A							4	420	4	420	2	210	4	420	4	420	4	420					22	2,310
NiteLab/Night Vision Device																												
	WBI	9/98	2/99	200			1	105																		1	105	
	Jacksonville	9/98	2/99	600			1	105																		1	105	
	El Toro	9/98	2/99	600			1	105																		1	105	
	Norfolk	9/98	2/99	600			1	105																		1	105	
	Cherry P.	9/98	2/99	200			1	105																		1	105	
	NAS Fallon	12/99	2/00	200					1	105																1	105	
	La Moore	12/99	2/00	200					1	105																1	105	
	Pax River	12/99	2/00	200					1	105																1	105	
	Japan	12/00	2/01	600							1	105														1	105	
	Quantico	12/00	2/01	200							1	105														1	105	
	New River	12/01	2/02	600								1	105													1	105	
	Miramar	12/01	2/02	600								1	105													1	105	
	Cecil Field	12/01	2/02	200								1	105													1	105	
	N. Island	12/01	2/02	600								1	105													1	105	
	TBD													3	315	5	525	5	525	3	304					16	1,669	

Description: FASO (Fleet Aviation Special Operations Training Group) and FRS (Fleet Readiness Squadrons) are located at various sites.

P-1 Shopping List

ITEM NO. 48

PAGE NO. 65

EXHIBIT P-43 SIMULATOR AND TRAINING DEVICE JUSTIFICATION												DATE: February 2000														
Appropriation/P-1 Line Item Aircraft Procurement, Navy/B.A. 7/Common Ground Equipment - Training/47C2												Weapon System								IOC Date						
Training Device by Type	Site	Delivery Date	Ready for Training Date	Average Student Throughput	Prior Years		FY 1998		FY 1999		FY 2000		FY 2001		FY 2002		FY 2003		FY 2004		FY 2005		To Complete		Total	
					Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost
AH-1W Engine Trainer	NAWC AD MFS	8/99	9/99				1	228																	1	228
C-2 Operational Flight Trainer (OFT)	Miramar	2Q/02	2Q/02								1	5,000													1	5,000
Deployable Tactical Trainer	Deployed	4Q/02	4Q/02									1	6,209												1	6,209
EA-6B WESTPAC Trainer	Japan	4/00	4/00				1	5,887																	1	5,887
F/A-18 Tactical Operational Flight Trainer	Japan	4/00						1	6,400																1	6,400
	Beaufort	4/02										1	6,709												1	6,709
KC-130 WESTPAC Aircrew Procedures Trainer	Japan	12/01									1	7,000													1	7,000
UH-1N Aircrew Procedures Trainer (APT)	Futenma	9/00	10/00								1	2,992													1	2,992
USMC Simulator Plan																										
CH46E/CH53E/KC130	Okinawa	3/02									3	20,239													3	20,239
CH46E/CH53E	New River	3/03										2	6,983												2	6,983
EA6B	Cherry Point	3/03										1	3,491												1	3,491
UH1Y/AH1Z	Pendleton	3/04																								
CH53E	Iwakuni	3/05														1	5,599								1	5,599
FA18D	Miramar	3/05														2	11,199								2	11,199
CH53E	Willow Grove	3/05														1	5,599								1	5,599

Description P-1 Shopping List

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BUDGET ITEM JUSTIFICATION SHEET P-40							DATE: February 2000																	
APPROPRIATION/BUDGET ACTIVITY Aircraft Procurement, Navy/ BA-7							P-1 ITEM NOMENCLATURE AIRCRAFT INDUSTRIAL FACILITIES																	
Program Element for Code B Items:							Other Related Program Elements																	
	Prior Years	ID Code	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	To Complete	Total												
QUANTITY																								
COST (In Millions)	\$756.959		\$16,291	\$11,815	\$12,687	\$8,642	\$11,166	\$11,226	\$9,151	\$9,401	CONT	CONT												
<p>The Aircraft Industrial Facilities line funds procurement of calibration equipment for Navy standards and calibration laboratories, and provides for capital improvements, modernization and maintenance of government-owned, but contractor operated, aircraft-producing industrial plants. The two requiring managers responsible for these procurements and the funds presently assigned to them are as follows:</p> <table style="margin-left: auto; margin-right: auto;"> <tr> <td></td> <td style="text-align: center;">FY 1998</td> <td style="text-align: center;">FY 1999</td> <td style="text-align: center;">FY2000</td> </tr> <tr> <td>Calibration Equipment</td> <td style="text-align: center;">8.306</td> <td style="text-align: center;">7.980</td> <td style="text-align: center;">9.053</td> </tr> <tr> <td>Contractor Facilities</td> <td style="text-align: center;">7.985</td> <td style="text-align: center;">3.835</td> <td style="text-align: center;">3.634</td> </tr> </table> <p>Calibration Equipment Description:          The objective of the Metrology/Calibration (METCAL) Program is to maintain required accuracy and consistency in Navy measurements. This ensures the required measurement accuracy of Test and Measurement Systems (TAMS) and Aviation Support Equipment used to test, repair and maintain Aviation Weapon Systems is adequate. Calibration is an on-cycle maintenance action and can be described as the comparison of a measurement device/system of unverified/unknown accuracy (TAMS or SE) to a device of known and greater accuracy (Calibration Standard) .</p> <p>Program Scope:          Calibration Equipment funds are used to procure common Calibration Standards (CALSTDs) and ancillary equipment for Aviation Fleet Intermediate Calibration Activities, Fleet Training Activities and Aviation Navy Calibration Laboratories (NCLs) to support Aviation Organizational and Intermediate (I) level maintenance assets. Initial outfitting of all CALSTDs is the responsibility of the requiring project office with the replenishment/replacement of CALSTDs procured under this document. CALSTDs procured for Fleet 'I' 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 'I' 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 manhours for more complex calibration maintenance and calibrations where economy of scale costs dictate single site or geographic calibration center capability. CALSTDs procured for NCLs allow for the automation and improvement of calibration procedures in order to reduce Depot level manhour expenditures required to support Fleet assets, 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 costs CALSTDs.</p>														FY 1998	FY 1999	FY2000	Calibration Equipment	8.306	7.980	9.053	Contractor Facilities	7.985	3.835	3.634
	FY 1998	FY 1999	FY2000																					
Calibration Equipment	8.306	7.980	9.053																					
Contractor Facilities	7.985	3.835	3.634																					

P-1 SHOPPING LIST

CLASSIFICATION:

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BUDGET ITEM JUSTIFICATION SHEET P-40							DATE: February 2000					
APPROPRIATION/BUDGET ACTIVITY Aircraft Procurement, Navy/ BA-7							P-1 ITEM NOMENCLATURE AIRCRAFT INDUSTRIAL FACILITIES / Calibration Equip					
Program Element for Code B Items:							Other Related Program Elements					
	Prior Years	ID Code	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	To Complete	Total
QUANTITY												
COST (In Millions)	\$756.959		\$16,291	\$11,815	\$12,687	\$8,642	\$11,166	\$11,226	\$9,151	\$9,401	CONT	CONT
<p>Contractor Facilities Justification:                      The above funding is required for the following reasons:                      - Close, deactivate and prepare for disposal and conveyance the five Government-owned contractor-operated, Naval Weapons Industrial Reserve Plants (NWIRPs) under the cognizance of NAVAIR.                      Closure and deactivation is accomplished in accordance with 41 CFR, Chapter 101, Federal Property Management Regulations and other applicable guidance.                      - Accomplish environmental remediation required by law. Remediation is accomplished in accordance with the Environmental Protection Act and other applicable guidance.                      - Develop Environmental Impact Statements (EISs) and accomplish cultural resource surveys required by law. The EISs and cultural resource surveys are accomplished in accordance with 40 CFR, the National Environmental Policy Act (NEPA) and other applicable guidance.                      - Dispose of the facilities as required by law. The disposals are accomplished in accordance with 41 CFR, Chapter 101, Federal Property Management Regulations, special legislation enacted by Congress for NWIRPs Bethpage, NY and Calverton, NY and other applicable guidance.                      The closure, deactivation and disposal schedule is based on requirements stated by law (including special Congressional legislation), and the expiration dates of the Facilities Use Contracts under which the plants are operated by defense contractors. General Program Description:                      The objective of the Metrology/Calibration (METCAL) Program is to maintain required accuracy and consistency in Navy measurements. This ensures the required measurement accuracy of Test and Measurement Systems (TAMS) and Aviation Support Equipment used to test, repair and maintain Aviation Weapon Systems is adequate. Calibration is an on-cycle maintenance action and can be described as the comparison of a measurement device/system of unverified/unknown accuracy (TAMS or SE) to a device of known and greater accuracy (Calibration Standard) .</p>												

P-1 SHOPPING LIST

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BUDGET ITEM JUSTIFICATION SHEET FOR AGGREGATED ITEMS										DATE:		
P-40a										February 2000		
APPROPRIATION/BUDGET ACTIVITY							P-1 ITEM NOMENCLATURE					
Aircraft Procurement, Navy							AIRCRAFT INDUSTRIAL FACILITIES / Calibration Equip					
Procurement Items	ID Code	Prior Years	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	To Complete	Total
RF Power Sensor Cal System												
Quantity		4	24	20	0	0	0	0	0	0	0	48
Funding		\$572.0	\$528.0	\$440.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$1,540.0
RF Microwave Receiver												
Quantity		22	14	15	10	9	0	0	0	0	0	70
Funding		\$396.0	\$252.0	\$270.0	\$180.0	\$162.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$1,260.0
Digital Multimeter												
Quantity		300	0	0	0	0	0	0	0	0	0	300
Funding		\$1,051.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$1,051.0
RF Power Meter												
Quantity		200	0	0	0	0	0	0	0	0	0	200
Funding		\$3,546.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$3,546.0
Time / Frequency Standard												
Quantity		20	12	21	42	41	39	0	0	0	0	175
Funding		\$600.0	\$360.0	\$630.0	\$1,260.0	\$1,230.0	\$1,170.0	\$0.0	\$0.0	\$0.0	\$0.0	\$5,250.0
Hi Power RF Source												
Quantity		0	4	12	20	16	14	19	0	0	0	85
Funding		\$0.0	\$160.0	\$480.0	\$800.0	\$640.0	\$560.0	\$760.0	\$0.0	\$0.0	\$0.0	\$3,400.0
Temp / Humidity Chamber												
Quantity		0	10	15	0	0	0	0	0	0	0	25
Funding		\$0.0	\$140.0	\$210.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$350.0
Spectrum Analyzer												
Quantity		0	28	42	20	14	22	54	0	0	0	180
Funding		\$0.0	\$756.0	\$1,134.0	\$540.0	\$378.0	\$594.0	\$1,458.0	\$0.0	\$0.0	\$0.0	\$4,860.0
Instrument Controller												
Quantity		0	0	0	12	48	52	78	55	55	0	300
Funding		\$0.0	\$0.0	\$0.0	\$54.0	\$216.0	\$234.0	\$351.0	\$248.0	\$248.0	\$0.0	\$1,351.0

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BUDGET ITEM JUSTIFICATION SHEET FOR AGGREGATED ITEMS P-40a								DATE: February 2000				
APPROPRIATION/BUDGET ACTIVITY Aircraft Procurement, Navy							P-1 ITEM NOMENCLATURE AIRCRAFT INDUSTRIAL FACILITIES / Calibration Equip					
Procurement Items	ID Code	Prior Years	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	To Complete	Total
Vibration Calibrator												
Quantity	0	0	0	0	0	0	8	6	29	25	30	98
Funding	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$40.0	\$30.0	\$145.0	\$125.0	\$150.0	\$490.0
Oscilloscope Calibrator												
Quantity	0	0	0	0	0	0	0	3	36	40	71	150
Funding	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$90.0	\$1,080.0	\$1,200.0	\$2,130.0	\$4,500.0
Tachometer Tester												
Quantity	0	0	0	0	0	0	5	5	37	43	60	150
Funding	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$70.0	\$70.0	\$518.0	\$602.0	\$840.0	\$2,100.0
Synth W/F Gen Calibr												
Quantity	0	0	0	0	0	0	0	0	9	8	81	98
Funding	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$792.0	\$704.0	\$7,128.0	\$8,624.0
Acoustic Calibr												
Quantity	0	0	0	0	0	0	0	0	30	32	36	98
Funding	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$75.0	\$80.0	\$90.0	\$245.0
Other Costs												
Quantity	0	0	0	0	0	0	0	0	0	0	0	0
Funding	\$335,855.0	\$6,110.0	\$4,816.0	\$6,219.0	\$6,016.0	\$6,122.0	\$6,196.0	\$6,293.0	\$6,442.0	CONT	CONT	
<b>Total P-1 Funding</b>		<b>\$342,020.0</b>	<b>\$8,306.0</b>	<b>\$7,980.0</b>	<b>\$9,053.0</b>	<b>\$8,642.0</b>	<b>\$8,790.0</b>	<b>\$8,955.0</b>	<b>\$9,151.0</b>	<b>\$9,401.0</b>	<b>\$10,338.0</b>	<b>\$38,567.0</b>

P-1 SHOPPING LIST

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WEAPONS SYSTEM COST ANALYSIS				Weapon System								DATE:			
P-5												February 2000			
APPROPRIATION/BUDGET ACTIVITY				ID Code	P-1 ITEM NOMENCLATURE/SUBHEAD										
Aircraft Procurement, Navy					AIRCRAFT INDUSTRIAL FACILITIES / Calibration Equip										
COST CODE	ELEMENT OF COST	ID Code	TOTAL COST IN THOUSANDS OF DOLLARS												
			Prior Years	FY 1998			FY 1999			FY 2000			FY 2001		
			Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost
	RF Power Sensor Cal System		572	24	22.0	528	20	22.0	440	0	0.0	0	0	0.0	0
	RF Microwave Receiver		396	14	18.0	252	15	18.0	270	10	18.0	180	9	18.0	162
	Digital Multimeter		1,051	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0
	RF Power Meter		3,546	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0
	Time / Frequency Standard		600	12	30.0	360	21	30.0	630	42	30.0	1,260	41	30.0	1,230
	Hi-Power RF Source		0	4	40.0	160	12	40.0	480	20	40.0	800	16	40.0	640
	Temp / Humidity Chamber		0	10	14.0	140	15	14.0	210	0	0.0	0	0	0.0	0
	Spectrum Analyzer		0	28	27.0	756	42	27.0	1134	20	27.0	540	14	27.0	378
	Instrument Controller		0	0	0.0	0	0	0.0	0	12	4.5	54	48	4.5	216
	Vibration Calibrator		0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0
	Oscilloscope Calibrator		0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0
	Tachometer Tester		0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0
	Synth W/F Gen Calibrator		0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0
	Accoustic Calibrator		0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0
	Navy Calibration Lab Standards		14,038			355			178			317			334
	Fleet Training Standards		20,423			536			298			530			549
	Fleet Intermediate Standards		107,333			2869			1986			3,018			2,956
	Logistics / Engineering Support		23,463			787			792			798			761
	Production / Acquisition		53,756			1563			1562			1,556			1,416
	Various 1/		116,842												
			<b>342,020</b>			<b>8,306</b>			<b>7,980</b>			<b>9,053</b>			<b>8,642</b>

1/ The amount identified against this cost element reflects total prior year funding associated with cost elements no longer financed in FY97 and beyond

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WEAPONS SYSTEM COST ANALYSIS					Weapon System				DATE:				
P-5									February 2000				
APPROPRIATION/BUDGET ACTIVITY					ID Code	P-1 ITEM NOMENCLATURE/SUBHEAD							
Aircraft Procurement, Navy / BA-7						Aircraft Industrial Facilities/Contractor Facilities							
COST CODE	ELEMENT OF COST	ID Code	TOTAL COST IN THOUSANDS OF DOLLARS										
			Prior Years	FY-1998		FY 1999		FY2000		FY2001		FY2002	
			Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost
	<u>FUNDED</u>												
73400	Government-Owned Contractor-Operated Facilities Divestiture		414,939										
73400	NWIRP Bethpage			919		2,346		2,938					
73400	NWIRP Bloomfield					799		56					292
73400	NWIRP Dallas			3,600		575		640					2,084
73400	NWIRP Calverton			578		115							
73400	NWIRP St. Louis			2,888									
<b>TOTAL REQUIREMENT:</b>					<b>7,985</b>		<b>3,835</b>		<b>3,634</b>		<b>0</b>		<b>2,376</b>

DD FORM 2446, JUN 86

P-1 SHOPPING LIST

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ITEM NO. 49

PAGE NO. 6

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B. APPROPRIATION/BUDGET ACTIVITY					C. P-1 ITEM NOMENCLATURE				A. DATE	
Aircraft Procurement, Navy					Aircraft Industrial Facilities / Calibration Equip				February 2000	
									SUBHEAD	
									47C4	
Cost Element/ FISCAL YEAR	QUANTITY	UNIT COST (000)	LOCATION OF PCO	RFP ISSUE DATE	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWARD DATE	DATE OF FIRST DELIVERY	TECH DATA AVAILABLE NOW	DATE REVISIONS AVAILABLE
RF Power Sensor CS FY99	20	22.000	NAWCPAX	02-99	Option	Weinschel Gaithersburgh, MD	05-99	09-99	Yes	No
RF Microwave Receiver FY99	15	18.000	NAWCLKE	01-99	Option	Hewlett Packard	02-99	06-99	Yes	No
FY00	10	18.000	NAWCLKE	03-00	Option	Wayne, PA	04-00	08-00	Yes	No
FY01	9	18.000	NAWCLKE	02-01	Option		03-01	07-01	Yes	No
Time / Frequency Std FY99	21	30.000	NRCCCLB	04-99	Option	Datum, Inc	06-99	08-99	Yes	No
FY00	42	30.000	NRCCCLB	02-00	Option	Anaheim, CA	04-00	06-00	Yes	No
FY01	41	30.000	NRCCCLB	01-01	Option		03-01	05-01	Yes	No
Hi Power RF Source FY99	12	40.000	NRCCCLB	01-99	Option	Hewlett Packard	03-99	09-99	Yes	No
FY00	20	40.000	NRCCCLB	02-00	Option	Wayne, PA	04-00	09-00	Yes	No
FY01	16	40.000	NRCCCLB	01-01	Option		03-01	08-01	Yes	No
Temp/Humidity Chmbr FY99	15	14.000	NRCCCLB	03-99	Option	Thunder Scientific, Inc Albuquerque, NM	06-99	10-99	Yes	No
Spectrum Analyzer FY99	42	27.000	NRCCCLB	01-99	Option	Stanford Research	04-99	07-99	Yes	No
FY00	20	27.000	NRCCCLB	02-00	Option	Sunnyvale, CA	04-00	08-00	Yes	No
FY01	14	27.000	NRCCCLB	01-01	Option		03-01	07-01	Yes	No
Instrument Controller FY00	12	4.500	NAWCPAX	01-99	C/FP	Unknown	01-00	07-00	Yes	No
FY01	48	4.500	NAWCPAX	01-01	Option		03-01	06-01	Yes	No
D. REMARKS										

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<b>Exhibit P-20, Requirements Study</b>			APPROPRIATION/BUDGET ACTIVITY <b>Aircraft Procurement, Navy</b>				DATE: February 2000	
P-1 ITEM NOMENCLATURE <b>RF Power Sensor Cal System</b>		Admin Leadtime (after Oct1): <b>7 months</b>			Prod Leadtime : <b>4 months</b>			
	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005
Buy Summary	24	20	0	0	0	0	0	0
Unit Cost	22.0	22.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Cost	\$528.0	\$440.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
<b>Asset Dynamics</b>								
Beginning Asset Position	26	50	70	70	70	70	70	70
Deliveries from all prior year funding	24	0	0	0	0	0	0	0
Deliveries from FY 1999 funding	0	20	0	0	0	0	0	0
Deliveries from FY 2000 funding	0	0	0	0	0	0	0	0
Deliveries from FY 2001 funding	0	0	0	0	0	0	0	0
Deliveries from subsequent years' funding	0	0	0	0	0	0	0	0
Other Gains								
Combat Losses/Usage								
Training Losses/Usage								
Test Losses/Usage								
Other Losses/Usage								
Disposals/Retirements/Attritions/etc.								
<b>End of Year Asset Position</b>	50	70	70	70	70	70	70	70
Inventory Objective or Current Authorized Allowance	70	70	70	70	70	70	70	70
Inventory Objective	Actual Training Expenditures	Other than Training Usage	Disposals (Vehicles/Other)		Vehicles Eligible for FY 2000 Replacement:		Aircraft: TOAI:	
70	FY 1998 thru XXXXX:	FY 1998 thru XXXXX:	FY 1998 thru XXXXX:		Vehicles Eligible for FY 2001 Replacement:		PAA: TAI	
Assets Rqd For Combat Loads:	FY 1997:	FY 1997:	FY 1997:		Vehicle Augment:		Attrition Res:	
WRM Rqmt:	FY 1996:	FY 1996:	FY 1996:				BAI	
Pipeline:	FY 1995:	FY 1995:	FY 1995:				Inactive Inv:	
Other:							Storage:	
TOTAL:								
Remarks:								

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Exhibit P-20, Requirements Study			APPROPRIATION/BUDGET ACTIVITY Aircraft Procurement, Navy				DATE: February 2000	
P-1 ITEM NOMENCLATURE RF Micro-Wave Receiver		Admin Leadtime (after Oct1): 6 months			Prod Leadtime : 4 months			
	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005
Buy Summary	14	15	10	9	0	0	0	0
Unit Cost	18.0	18.0	18.0	18.0	0.0	0.0	0.0	0.0
Total Cost	\$252.0	\$270.0	\$180.0	\$162.0	\$0.0	\$0.0	\$0.0	\$0.0
<b>Asset Dynamics</b>								
Beginning Asset Position	22	36	51	61	70	70	70	70
Deliveries from all prior year funding	14	0	0	0	0	0	0	0
Deliveries from FY 1999 funding	0	15	0	0	0	0	0	0
Deliveries from FY 2000 funding	0	0	10	0	0	0	0	0
Deliveries from FY 2001 funding	0	0	0	9	0	0	0	0
Deliveries from subsequent years' funding	0	0	0	0	0	0	0	0
Other Gains								
Combat Losses/Usage								
Training Losses/Usage								
Test Losses/Usage								
Other Losses/Usage								
Disposals/Retirements/Attritions/etc.								
<b>End of Year Asset Position</b>	36	51	61	70	70	70	70	70
Inventory Objective or Current Authorized Allowance	70	70	70	70	70	70	70	70
Inventory Objective	Actual Training Expenditures	Other than Training Usage	Disposals (Vehicles/Other)		Vehicles Eligible for FY 2000 Replacement:	Aircraft: TOAI:		
Assets Rqd For Combat Loads:	FY 1998 thru XXXXX:	FY 1998 thru XXXXX:	FY 1998 thru XXXXX:		Vehicles Eligible for FY 2001 Replacement:	PAA: TAI		
WRM Rqmt:	FY 1997:	FY 1997:	FY 1997:		Vehicle Augment:	Attrition Res:		
Pipeline:	FY 1996:	FY 1996:	FY 1996:			BAI		
Other:	FY 1995:	FY 1995:	FY 1995:			Inactive Inv:		
TOTAL:								Storage:
Remarks:								

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Exhibit P-20, Requirements Study		APPROPRIATION/BUDGET ACTIVITY Aircraft Procurement, Navy					DATE: February 2000	
P-1 ITEM NOMENCLATURE		Admin Leadtime (after Oct1):			Prod Leadtime :			
Time Frequency Standard		6 months			2 months			
	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005
Buy Summary	12	21	42	41	39	0	0	0
Unit Cost	30.0	30.0	30.0	30.0	30.0	0.0	0.0	0.0
Total Cost	\$360.0	\$630.0	\$1,260.0	\$1,230.0	\$1,170.0	\$0.0	\$0.0	\$0.0
<b>Asset Dynamics</b>								
Beginning Asset Position	20	32	53	95	136	175	175	175
Deliveries from all prior year funding	12	0	0	0	0	0	0	0
Deliveries from FY 1999 funding	0	21	0	0	0	0	0	0
Deliveries from FY 2000 funding	0	0	42	0	0	0	0	0
Deliveries from FY 2001 funding	0	0	0	41	0	0	0	0
Deliveries from subsequent years' funding	0	0	0	0	39	0	0	0
Other Gains								
Combat Losses/Usage								
Training Losses/Usage								
Test Losses/Usage								
Other Losses/Usage								
Disposals/Retirements/Attritions/etc.								
<b>End of Year Asset Position</b>	32	53	95	136	175	175	175	175
Inventory Objective or Current Authorized Allowance	175	175	175	175	175	175	175	175
Inventory Objective 175	Actual Training Expenditures	Other than Training Usage	Disposals (Vehicles/Other)	Vehicles Eligible for FY 2000 Replacement:	Aircraft: TOAI:			
Assets Rqd For Combat Loads:	FY 1998 thru XXXXX:	FY 1998 thru XXXXX:	FY 1998 thru XXXXX:	Vehicles Eligible for FY 2001 Replacement:	PAA: TAI			
WRM Rqmt:	FY 1997:	FY 1997:	FY 1997:	Vehicle Augment:	Attrition Res:			
Pipeline:	FY 1996:	FY 1996:	FY 1996:		BAI			
Other:	FY 1995:	FY 1995:	FY 1995:		Inactive Inv:			
TOTAL:					Storage:			
Remarks:								

P-1 SHOPPING LIST

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Exhibit P-20, Requirements Study		APPROPRIATION/BUDGET ACTIVITY Aircraft Procurement, Navy					DATE: February 2000		
P-1 ITEM NOMENCLATURE Hi Power RF Source		Admin Leadtime (after Oct1): 6 months				Prod Leadtime : 5 months			
	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	
Buy Summary	4	12	20	16	14	19	0	0	
Unit Cost	40.0	40.0	40.0	40.0	40.0	40.0	0	0	
Total Cost	\$160.0	\$480.0	\$800.0	\$640.0	\$560.0	\$760.0	\$0.0	\$0.0	
<b>Asset Dynamics</b>									
Beginning Asset Position	0	4	16	36	52	66	85	85	
Deliveries from all prior year funding	4	0	0	0	0	0	0	0	
Deliveries from FY 1999 funding	0	12	0	0	0	0	0	0	
Deliveries from FY 2000 funding	0	0	20	0	0	0	0	0	
Deliveries from FY 2001 funding	0	0	0	16	0	0	0	0	
Deliveries from subsequent years' funding	0	0	0	0	14	19	0	0	
Other Gains									
Combat Losses/Usage									
Training Losses/Usage									
Test Losses/Usage									
Other Losses/Usage									
Disposals/Retirements/Attritions/etc.									
<b>End of Year Asset Position</b>	4	16	36	52	66	85	85	85	
Inventory Objective or Current Authorized Allowance	85	85	85	85	85	85	85	85	
Inventory Objective	Actual Training Expenditures	Other than Training Usage		Disposals (Vehicles/Other)		Vehicles Eligible for FY 2000 Replacement:		Aircraft: TOAI:	
Assets Rqd For Combat Loads:	FY 1998 thru XXXXX:	FY 1998 thru XXXXX:		FY 1998 thru XXXXX:		Vehicles Eligible for FY 2001 Replacement:		PAA: TAI:	
WRM Rqmt:	FY 1997:	FY 1997:		FY 1997:		Vehicle Augment:		Attrition Res:	
Pipeline:	FY 1996:	FY 1996:		FY 1996:				BAI	
Other:	FY 1995:	FY 1995:		FY 1995:				Inactive Inv:	
TOTAL:								Storage:	
Remarks:									

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Exhibit P-20, Requirements Study		APPROPRIATION/BUDGET ACTIVITY Aircraft Procurement, Navy					DATE: February 2000	
P-1 ITEM NOMENCLATURE Temperature Humidity Chamber		Admin Leadtime (after Oct1): 8 months			Prod Leadtime : 4 months			
	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005
Buy Summary	10	15	0	0	0	0	0	0
Unit Cost	14.0	14.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Cost	\$140.0	\$210.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
<b>Asset Dynamics</b>								
Beginning Asset Position	0	0	10	25	25	25	25	25
Deliveries from all prior year funding	0	10	0	0	0	0	0	0
Deliveries from FY 1999 funding	0	0	15	0	0	0	0	0
Deliveries from FY 2000 funding	0	0	0	0	0	0	0	0
Deliveries from FY 2001 funding	0	0	0	0	0	0	0	0
Deliveries from subsequent years' fundin	0	0	0	0	0	0	0	0
Other Gains								
Combat Losses/Usage								
Training Losses/Usage								
Test Losses/Usage								
Other Losses/Usage								
Disposals/Retirements/Attritions/etc.								
<b>End of Year Asset Position</b>	0	10	25	25	25	25	25	25
Inventory Objective or Current Authorized Allowance	25	25	25	25	25	25	25	25
Inventory Objective 25	Actual Training Expenditures	Other than Training Usage		Disposals (Vehicles/Other)		Vehicles Eligible for FY 2000 Replacement:		Aircraft: TOAI:
Assets Rqd For Combat Loads:	FY 1998 thru XXXXX:	FY 1998 thru XXXXX:		FY 1998 thru XXXXX:		Vehicles Eligible for FY 2001 Replacement:		PAA: TAI
WRM Rqmt:	FY 1997:	FY 1997:		FY 1997:		Vehicle Augment:		Attrition Res:
Pipeline:	FY 1996:	FY 1996:		FY 1996:				BAI
Other:	FY 1995:	FY 1995:		FY 1995:				Inactive Inv:
TOTAL:								Storage:
Remarks:								

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Exhibit P-20, Requirements Study		APPROPRIATION/BUDGET ACTIVITY Aircraft Procurement, Navy					DATE: February 2000	
P-1 ITEM NOMENCLATURE Spectrum Analyzer		Admin Leadtime (after Oct1): 6 months			Prod Leadtime : 3 months			
	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005
Buy Summary	28	42	20	14	22	54	0	0
Unit Cost	27.0	27.0	27.0	27.0	27.0	27.0	0.0	0.0
Total Cost	\$756.0	\$1,134.0	\$540.0	\$378.0	\$594.0	\$1,458.0	\$0.0	\$0.0
<b>Asset Dynamics</b>								
Beginning Asset Position	0	28	70	90	104	126	180	180
Deliveries from all prior year funding	28	0	0	0	0	0	0	0
Deliveries from FY 1999 funding	0	42	0	0	0	0	0	0
Deliveries from FY 2000 funding	0	0	20	0	0	0	0	0
Deliveries from FY 2001 funding	0	0	0	14	0	0	0	0
Deliveries from subsequent years' fundin	0	0	0	0	22	54	0	0
Other Gains								
Combat Losses/Usage								
Training Losses/Usage								
Test Losses/Usage								
Other Losses/Usage								
Disposals/Retirements/Attritions/etc.								
<b>End of Year Asset Position</b>	28	70	90	104	126	180	180	180
Inventory Objective or Current Authorized Allowance	180	180	180	180	180	180	180	180
Inventory Objective 180	Actual Training Expenditures	Other than Training Usage		Disposals (Vehicles/Other)		Vehicles Eligible for FY 2000 Replacement:	Aircraft: TOAI:	
Assets Rqd For Combat Loads:	FY 1998 thru XXXXX:	FY 1998 thru XXXXX:		FY 1998 thru XXXXX:		Vehicles Eligible for FY 2001 Replacement:	PAA: TAI	
WRM Rqmt:	FY 1997:	FY 1997:		FY 1997:		Vehicle Augment:	Attrition Res:	
Pipeline:	FY 1996:	FY 1996:		FY 1996:			BAI	
Other:	FY 1995:	FY 1995:		FY 1995:			Inactive Inv:	
TOTAL:							Storage:	
Remarks:								

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Exhibit P-20, Requirements Study		APPROPRIATION/BUDGET ACTIVITY Aircraft Procurement, Navy					DATE: February 2000	
P-1 ITEM NOMENCLATURE Instrument Controller		Admin Leadtime (after Oct1): 3 months			Prod Leadtime : 6 months			
	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005
Buy Summary	0	0	12	48	52	78	55	55
Unit Cost	0.0	0.0	4.5	4.5	4.5	4.5	4.5	4.5
Total Cost	\$0.0	\$0.0	\$54.0	\$216.0	\$234.0	\$351.0	\$248.0	\$248.0
<b>Asset Dynamics</b>								
Beginning Asset Position	0	0	0	12	60	112	190	245
Deliveries from all prior year funding	0	0	0	0	0	0	0	0
Deliveries from FY 1999 funding	0	0	0	0	0	0	0	0
Deliveries from FY 2000 funding	0	0	12	0	0	0	0	0
Deliveries from FY 2001 funding	0	0	0	48	0	0	0	0
Deliveries from subsequent years' fundin	0	0	0	0	52	78	55	55
Other Gains								
Combat Losses/Usage								
Training Losses/Usage								
Test Losses/Usage								
Other Losses/Usage								
Disposals/Retirements/Attritions/etc.								
<b>End of Year Asset Position</b>	0	0	12	60	112	190	245	300
Inventory Objective or Current Authorized Allowance	0	0	300	300	300	300	300	300
Inventory Objective 300	Actual Training Expenditures	Other than Training Usage		Disposals (Vehicles/Other)		Vehicles Eligible for FY 2000 Replacement:		Aircraft: TOAI:
Assets Rqd For Combat Loads:	FY 1998 thru XXXXX:	FY 1998 thru XXXXX:		FY 1998 thru XXXXX:		Vehicles Eligible for FY 2001 Replacement:		PAA: TAI
WRM Rqmt:	FY 1997:	FY 1997:		FY 1997:		Vehicle Augment:		Attrition Res:
Pipeline:	FY 1996:	FY 1996:		FY 1996:				BAI
Other:	FY 1995:	FY 1995:		FY 1995:				Inactive Inv:
TOTAL:								Storage:
Remarks:								

<b>BUDGET ITEM JUSTIFICATION SHEET</b>										DATE:			
<b>P-40</b>										<b>February 2000</b>			
APPROPRIATION/BUDGET ACTIVITY-7 <b>Aircraft Procurement, Navy / B/A-7 Ground Support Equipment &amp; Facilities</b>								P-1 ITEM NOMENCLATURE <b>War Consumables, Common AAE (Y7C5)</b>					
Program Element for Code B Items:								Other Related Program Elements					
	Prior Years	ID Code		FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	To Complete	Total
QUANTITY	N/A												
COST (In Millions)	<b>344.6</b>			<b>13.5</b>	<b>11.1</b>	<b>14.7</b>	<b>13.0</b>	<b>12.6</b>	<b>12.3</b>	<b>11.9</b>	<b>11.7</b>	<b>CONT.</b>	<b>CONT.</b>
<p>The War Consumable line funds procurements of airborne equipment which can be suspended, released, or jettisoned from aircraft, specifically aerial refueling stores. The Aircraft Armament Equipment (AAE) program procures common bomb racks and peculiar bomb racks and launchers for out-of-production aircraft. The funds presently assigned to each category are as follows:</p> <p><b>WAR CONSUMABLES</b></p> <p>The War Consumables program finances procurements of Airborne Equipment which can be suspended, released or jettisoned from aircraft. Requirements are not developed based on the quantity of aircraft being procured but are determined by an inventory objective which support peacetime/wartime needs. War Consumables items are inventory managed by the Naval Inventory Control Point, Philadelphia and are under Naval Air Systems Command program and technical management.</p> <p>Aircraft equipped with A/A42R-1 Aerial Refueling Stores are required to provide surge and backup refueling for the future. With the retirement of the Navy's dedicated tanker fleet and the older Aerial Refueling Stores, evermore reliance is being placed on the A/A42R-1 Aerial Refueling Stores. Aerial refueling Store usage on cruises that have deployed without dedicated tankers, have shown higher usage rates than anticipated. The total reliance on the A/A42R-1 Aerial Refueling Store and integration to the F/A-18E/F has required substantial improvements to the existing stores. Investigation of major subsystems in pursuit of reliability enhancements, safety of flight risk reduction, and life cycle cost savings have identified a number of areas where reliability improvements can be realized and safety of flight risk reduced. Incorporation of these changes is occurring through the FY 2005 time frame.</p> <p><b>COMMON AIRCRAFT ARMAMENT EQUIPMENT (AAE)</b></p> <p>This project corrects deficiencies in Aircraft Armament Equipment in common, multiple, or out-of-production aircraft; maintaining a baseline to quantify shortages in accordance with OPNAVINST 8380.1 series; procuring common, multiple, or out-of-production aircraft AAE to fill shortages or to meet new requirements; providing production engineering support for AAE; and satisfying the policy goal of commonality set in accordance with the Navy's Strike Warfare Master Plan-OPNAV NOTE S3010. It also procures High Pressure Pure Air Generators (HIPPAGs) for the AV-8B and AH -1W aircraft. The HIPPAG is a replacement cooling device that is installed in missile launchers to cool infrared (IR) missile seeker heads. Operational limitations of the existing nitrogen bottles include limiting aircraft flight duration, complicating combat turnaround procedures due to frequent bottle replacement, and increasing the maintenance, logistics, and support equipment burden associated with the nitrogen bottles.</p>													

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BUDGET ITEM JUSTIFICATION SHEET FOR AGGREGATED ITEMS P-40a										DATE: February 2000		
APPROPRIATION/BUDGET ACTIVITY-7 Aircraft Procurement, Navy / BA-7 Ground Support Equipment & Facilities							P-1 ITEM NOMENCLATURE War Consumables, Common AAE (Y7C5)					
Procurement Items	ID Code	Prior Years	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	To Complete	Total
High Press. Pure Air Gen.	<b>A</b>											
Quantity		281	100	30	115	40	40	35	16	17	CONT.	CONT.
Funding		\$11,273	\$3,930	\$1,470	\$4,600	\$2,080	\$2,080	\$1,960	\$960	\$1,020	CONT.	CONT.
Other Costs		\$174,408	\$6,555	\$4,793	\$5,610	\$5,663	\$5,641	\$5,567	\$5,182	\$5,273	CONT.	CONT.
Total AAE Funding		<b>\$185,681</b>	<b>\$10,485</b>	<b>\$6,263</b>	<b>\$10,210</b>	<b>\$7,743</b>	<b>\$7,721</b>	<b>\$7,527</b>	<b>\$6,142</b>	<b>\$6,293</b>	CONT.	CONT.
Total War Consumable Funding		<b>\$158,919</b>	<b>\$3,041</b>	<b>\$4,821</b>	<b>\$4,498</b>	<b>\$5,272</b>	<b>\$4,901</b>	<b>\$4,815</b>	<b>\$5,782</b>	<b>\$5,434</b>	CONT.	CONT.
<b>TOTAL PROGRAM</b>		<b>\$344,600</b>	<b>\$13,526</b>	<b>\$11,084</b>	<b>\$14,708</b>	<b>\$13,015</b>	<b>\$12,622</b>	<b>\$12,342</b>	<b>\$11,924</b>	<b>\$11,727</b>	CONT.	CONT.

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WEAPONS SYSTEM COST ANALYSIS P-5										Weapon System					DATE: February 2000			
APPROPRIATION/BUDGET ACTIVITY-7 Aircraft Procurement, Navy / BA-7 Ground Support Equipment & Facilities										ID Code	P-1 ITEM NOMENCLATURE/SUBHEAD War Consumables Common AAE (Y7C5)							
COST CODE	ELEMENT OF COST	ID Code	TOTAL COST IN THOUSANDS OF DOLLARS															
			Prior Years	FY 1998			FY 1999			FY 2000			FY 2001					
			Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost			
	<b>COMMON AAE</b>																	
73600	Bomb Rack Upgrade & Install	A	12,012			1,596			280			477						732
73600	LAU-7 Upgrade & Installation	A	13,382			2,838			2,386			2,781						2,520
73600	High Press. Pure Air Gen.	A	11,273	100	39.30	3,930	30	49.00	1,470	115	40.00	4,600	40	52.00				2,080
73600	ILS		1,635			326			347			409						399
73600	Product Improvement		5,740			663			322			443						462
73600	Product Engineering		10,578			1,132			1,458			1,500						1,550
73600	IMER/ITER Install		7,107															
73600	Acceptance Test		474															
73600	IMER/ITER Kits	A	12,216															
	Bru-32		2,300															
	Various 1/		108,964															
	<b>TOTAL COMMON AAE</b>		<b>185,681</b>			<b>10,485</b>			<b>6,263</b>			<b>10,210</b>						<b>7,743</b>
	<b>WAR CONSUMABLES</b>																	
73500	Aerial Refueling Stores					1,685			2,255			1,927						2,793
73500	Production Support					1,356			2,566			2,571						2,479
73500	Various		158,919															
	<b>TOTAL WAR CONSUMABLES</b>		<b>158,919</b>			<b>3,041</b>			<b>4,821</b>			<b>4,498</b>						<b>5,272</b>
(1) The amount identified against this cost element reflects total prior year funding associated with cost elements no longer financed in FY 1998 and beyond.																		
			<b>344,600</b>			<b>13,526</b>			<b>11,084</b>			<b>14,708</b>						<b>13,015</b>

DD FORM 2446, JUN 86

P-1 SHOPPING LIST

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ITEM NO.  
50

PAGE NO.  
3

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BUDGET PROCUREMENT HISTORY AND PLANNING EXHIBIT (P-5A)					Weapon System			A. DATE <b>February 2000</b>		
B. APPROPRIATION/BUDGET ACTIVITY <b>Aircraft Procurement, Navy / BA-7 Ground Support Equipment &amp; Facilities</b>					C. P-1 ITEM NOMENCLATURE <b>War Consumables, Common AAE</b>				SUBHEAD <b>Y7C5</b>	
Cost Element/ FISCAL YEAR	QUANTITY	UNIT COST (000)	LOCATION OF PCO	RFP ISSUE DATE	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWARD DATE	DATE OF FIRST DELIVERY	SPECS AVAILABLE NOW	IF YES WHEN AVAILABLE
<u>High Pressure Pure Air Generator</u>										
FY-98	100	39,300.0	NAVAIR	Aug-97	S/FP (OPTION)	Ultra Electronics, England	Dec-97	May-98	Yes	N/A
FY-99	30	49,000.0	NAVAIR	Jul-98	S/FP (OPTION)	Ultra Electronics, England	Dec-98	May-99	Yes	N/A
FY-00	115	40,000.0	NAVAIR	Aug-99	S/FP (OPTION)	Ultra Electronics, England	Jan-00	Jun-00	Yes	N/A
FY-01	40	52,000.0	NAVAIR	Aug-00	S/FP (OPTION)	Ultra Electronics, England	Dec 00	May 01	Yes	N/A
D. REMARKS										



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Exhibit P-20, Requirements Study			APPROPRIATION/BUDGET ACTIVITY				DATE:	
P-1 ITEM NOMENCLATURE:SH Y7C5 War Consumables,Common AAE High Pressure Pure Air Generator (HIPAG)			Aircraft Procurement, Navy BA-7		February 2000			
			Admin Leadtime (after Oct1):		Prod Leadtime :			
			3		5			
	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005
Buy Summary	100	30	115	40	40	35	16	17
Unit Cost (\$K)	\$39	\$49	\$40	\$52	\$52	\$56	\$60	\$60
Total Cost (\$K)	\$3,930	\$1,470	\$4,600	\$2,080	\$2,080	\$1,960	\$960	\$1,020
<b>Asset Dynamics</b>								
Beginning Asset Position	166	204	276	331	416	451	482	512
Deliveries from all prior year funding	40	60	0	0	0	0	0	0
Deliveries from FY 1999 funding	0	16	14	0	0	0	0	0
Deliveries from FY 2000 funding	0	0	44	71	0	0	0	0
Deliveries from FY 2001 funding	0	0	0	19	21	0	0	0
Deliveries from subsequent year's funding	0	0	0	0	19	36	36	17
Other Gains	0	0	0	0	0	0	0	0
Combat Losses/Usage	0	0	0	0	0	0	0	0
Training Losses/Usage	0	0	0	0	0	0	0	0
Test Losses/Usage	0	0	0	0	0	0	0	0
Other Losses/Usage	0	0	0	0	0	0	0	0
Disposals/Retirements/Attritions/etc.	2	4	3	5	5	5	6	6
<b>End of Year Asset Position</b>	204	276	331	416	451	482	512	523
Inventory Objective or Current Authorized Allowance	768	768	768	768	768	768	768	768
Inventory Objective 863	Actual Training Expenditures	Other than Training Usage		Disposals (Vehicles/Other)		Vehicles Eligible for FY 2000 Replacement:		Aircraft: TOAI: 0
Assets Rqd For Combat Loads: 688	FY 1998 thru XXXXX: 0	FY 1998 thru 2005: 42		FY 1998 thru XXXXX: 0		Vehicles Eligible for FY 2001 Replacement: 0		PAA: TAI 0
WRM Rqi 4	FY 1997: 0	FY 1997: 0		FY 1997: 0		Vehicle Augment: 0		Attrition Res: 0
Pipeline: 70	FY 1996: 0	FY 1996: 0		FY 1996: 0				BAI 0
Other: 6	FY 1995: 0	FY 1995: 0		FY 1995: 0				Inactive Inv: 0
TOTAL: 768								Storage: 0
Remarks: Combat loads are specified by OPNAV Instruction 8380.1B								

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BUDGET ITEM JUSTIFICATION SHEET P-40								DATE: February 2000				
APPROPRIATION/BUDGET ACTIVITY <b>Aircraft Procurement, Navy BA-7</b>							P-1 ITEM NOMENCLATURE <b>OTHER PRODUCTION CHARGES (Y7C6/47C6)</b>					
Program Element for Code B Items:							Other Related Program Elements					
	Prior Years	ID Code	FY 1998	FY 1999	FY 2000	FY 2001	FY2002	FY 2003	FY 2004	FY 2005	To Complete	Total
QUANTITY												
COST (In Millions)	<b>\$11.0</b>		<b>\$12.4</b>	<b>\$9.4</b>	<b>\$56.8</b>	<b>\$37.1</b>	<b>\$37.0</b>	<b>\$34.9</b>	<b>\$35.2</b>	<b>\$18.6</b>	<b>CONT</b>	<b>CONT</b>
<p>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:</p> <p><b>GFE PRODUCTION SUPPORT</b></p> <p>This program manages production engineering support for the entire range of Government Furnished Equipment (GFE) being acquired for prime aircraft of system manufacturers, and safety equipment at NAVAIR. Testing of this equipment is required to quantify new or reactivated producers and to determine adequacy of previously developed hardware for use. This hardware includes electrical, avionics, hydraulic, and mechanical equipment. Tests are performed by commercial testing laboratories, at selected field activities, or at suppliers' facilities under government surveillance.</p> <p>This program provides an engineering approach that analyzes GFE reliability and maintainability deficiencies encountered in design, development, test, manufacturing, and management that provide a potential for significant cost savings on new programs. The qualification of producers and equipment ensures an industrial base of proven performance to ensure GFE compliance to specification, reliability, and availability.</p>												

P-1 SHOPPING LIST

CLASSIFICATION:

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BUDGET ITEM JUSTIFICATION SHEET P-40							DATE: February 2000					
APPROPRIATION/BUDGET ACTIVITY <b>Aircraft Procurement, Navy BA-7</b>							P-1 ITEM NOMENCLATURE <b>OTHER PRODUCTION CHARGES (Y7C6/47C6)</b>					
Program Element for Code B Items:							Other Related Program Elements					
	Prior Years	ID Code	FY 1998	FY 1999	FY 2000	FY 2001	FY2002	FY 2003	FY 2004	FY 2005	To Complete	Total
QUANTITY												
COST (In Millions)												
<p><b>LARGE AREA TRACKING RANGE (LATR)</b></p> <p>This program supports battle group readiness exercises by providing independent real time Global Positioning Systems (GPS) based tracking and display of all participants. The LATR has been integrated into existing fixed ranges at Southern California (SOCAL), the Virginia Capes (VACAPES) and Pacific Missile Range Facility (PMRF). During LATR exercises, each participant must be equipped with a Participant Instrumentation Package (PIP) which contains a Relay-Reporter-Responder (R3) transponder unit. The PIPs are either external pods or internal PIPs (IPIP) and are installed on surface and aircraft platforms. The R3 unit is a transponder and data link which has the capability to range on other units or transmit data from equipment interfaced to it, and report that information back to the ground computer. R3 units are required on all participants in order to be linked with the ground system. PIPs are airborne pods (Sidewinder shape) which provide tracking and event data to the LATR ground station via a self contained transponder. There are two variants of the IPIPs, one for Fixed Wing Internal (FWI) aircraft, and one for Rotary Wing (RW) aircraft. The Ship Instrumentation Package (SIP) provides ship track information to the LATR ground station via the self contained transponder. The FY99 effort is to procure interface cables for the F-14 aircraft to interface with the LAU-138 launch rail carrying a LATR FW PIP.</p> <p><b>JOINT TACTICAL COMBAT TRAINING SYSTEM (JTCTS)</b></p> <p>This program will procure fixed, transportable, and mobile range instrumentation equipment for the USN and USAF for both shore-based (aircrew training) and deployable (ships/sub/aircrew training) applications. JTCTS instrumentation will transmit exercise scenarios; simulate/stimulate all exercise participants sensors/weapons with the exercise scenarios; track all exercise participants and events, e.g. weapons engagements; and provide accurate, realistic, and timely exercise feedback. JTCTS is building on technology developed for existing tactical training range systems.</p>												

P-1 SHOPPING LIST

CLASSIFICATION:

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BUDGET ITEM JUSTIFICATION SHEET P-40							DATE: February 2000					
APPROPRIATION/BUDGET ACTIVITY Aircraft Procurement, Navy/BA-7 Ground Support Equipment & Facilities							P-1 ITEM NOMENCLATURE OTHER PRODUCTION CHARGES (Y7C6/47C6)					
Program Element for Code B Items:							Other Related Program Elements					
	Prior Years	ID Code	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	To Complete	Total
QUANTITY												
COST/REWSON ETC ONLY (In Millions)	\$2.8		\$2.8	\$2.9	\$48.6	\$23.7	\$22.5	\$19.8	\$19.9	\$2.9	\$0.0	\$145.9
<p><b>AERIAL CAMERAS REWSON</b></p> <p>This program procures aerial cameras and related support and test equipment for Naval Aircraft. Applications include, but are not limited to reconnaissance, surveillance, bomb damage and strike photography. Equipment procured are used to provide intelligence gathering equipment for the F-14 TARPS and replacement/retrofit cameras for the TARPS pod. The items being purchased are required to replace obsolete and worn equipment, meet the needs of current requirements regarding reconnaissance, and ensure safety requirements are met. The FY00-01 funds are to continue phased procurement to meet inventory objectives. The \$25 million plus up in FY00 is a congressional add for TARPS-CD.</p> <p><b>OTHER CAMERAS</b></p> <p>This program provides Aerial Cameras and support equipment used in surveillance missions. Systems procured are used to support aerial photographic operations, to include, bomb damage assessment, sea/land/air surveillance, potential targeting imagery, and the near real time transmission of images via Fast Tactical Imagery (FTI). Procurement includes hand held digital camera systems and digital imagery workstations. Imagery is used to provide visual assistance to enhance decision making throughout the operational chain of command. The FY00-01 funds are to continue phased procurement to meet inventory objectives.</p> <p><b>F-14 WSSA</b></p> <p>The Weapons System Support Activity (WSSA) provides the support necessary to integrate changes that occur to common F-14 avionics systems currently in production which are required to maintain system effectiveness and interoperability within the current performance envelope. Software integration efforts and testing are required to ensure that the newly configured common equipment will continue to interface with F-14 platforms and functionality is not lost jeopardizing safety of flight. The nature of these software intense systems dictate the need for extensive systems integration and testing prior to certifying the aircraft as safe for fleet use.</p>												

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BUDGET ITEM JUSTIFICATION SHEET P-40										DATE: <b>February 2000</b>			
APPROPRIATION/BUDGET ACTIVITY <b>Aircraft Procurement, Navy</b>								P-1 ITEM NOMENCLATURE <b>OTHER PRODUCTION CHARGES (Y7C6/47C6)</b>					
Program Element for Code B Items:								Other Related Program Elements					
	Prior Years	ID Code	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	To Complete	Total
QUANTITY													
COST (In Millions)													
<p><b>F-14 PRECISION STRIKE</b></p> <p>The F-14 Precision Strike Operational Document (ORD 406-88-95) dated 14 June 1995 delineates an urgent fleet requirement for a precision strike capability. To further the F-14's ability to satisfy this requirement, approval was granted for the Low Altitude Navigation and Targeting Infrared (System) for Night (LANTIRN) 40K Laser and the Joint Direct Attack Munition (JDAM) to be added as part of ROADMAP II, in January 1999.</p> <p>The LANTIRN 40K equipment modifications are procured in FY 2000 (in the F-14 Precision Strike OSIP) and will IOC in FY 2001.</p> <p>The JDAM integration requires no aircraft modifications and is completed via software modifications. Therefore, no kit/installation costs are reflected. However, engineering and logistics efforts are required in FY 2001/2002 to support its initial operational capability in FY 2001 (F-14B) and FY 2002 (F-14D). These efforts include separation testing, trainer updates, and publication changes required to field the system.</p> <p>This line also includes funding to support the F-14 Mission Planning Module (MPM) for Tactical Automated Mission Planning System (TAMPS) and the transition to the Joint Mission Planning System (JMPS). The F-14 MPM has to be updated to stay compatible with the updates to the Core TAMPS module. In addition, funding is required for the F-14 to rehost its MPM to maintain compatibility with the JMPS, TAMPS replacement. With the integration of Global Positioning System into the aircraft, TAMPS/JMPS is required for the aircraft to be utilized in the fleet.</p> <p><b>TARPS-CD</b></p> <p>The Tactical Aircraft Reconnaissance Pod System - Completely Digital (TARPS-CD) project is being executed in accordance with Congressional/Navy direction. TARPS-CD is focused on mitigating SHARP program risks by validating digital imaging technologies, and on facilitating SHARP's fleet introduction by providing users with experience in digital reconnaissance tactics. In FY00, Congress provided funding to reconfigure four existing TARPS pods with the TARPS-CD sensor / electronics suite, and to procure four TARPS-CD Navy Input Stations (NAVIS). Previously, Congress provided separate funding to develop and deliver the first two TARPS-CD pods and the first NAVIS. This equipment was delivered in FY99, and is being evaluated by a squadron deployed on the USS John F. Kennedy.</p>													

P-1 SHOPPING LIST

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BUDGET ITEM JUSTIFICATION SHEET FOR AGGREGATED ITEMS P-40a							DATE: February 2000					
APPROPRIATION/BUDGET ACTIVITY Aircraft Procurement, Navy BA-7							P-1 ITEM NOMENCLATURE OTHER PRODUCTION CHARGES (SHs Y7C6/47C6)					
Procurement Items	ID Code	Prior Years	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	To Complete	Total
<b>REWSON</b>												
ASQ-197 Sensor Data Controls												
Quantity		2	2	2	0	0	0	0	0	0	0	6
Funding		520	530	540	0	0	0	0	0	0	0	1,590
Various Other Costs		1,287	1,346	1,450	1,781	1,605	1,661	1,690	1,725	1,769	0	14,314
<b>TARPS-CD</b>												
		0	0	0	25,000	0	0	0	0	0	0	25,000
<b>OTHER CAMERAS</b>												
Base station w/ printer												
Quantity		4	1	0	0	0	0	0	0	0	0	5
Funding		600	155	0	0	0	0	0	0	0	0	755
Digital Camera												
Quantity		0	24	23	0	0	0	0	0	0	0	47
Funding		0	470	644	0	0	0	0	0	0	0	1,114
Various Other Costs		440	264	294	1,009	811	1,001	1,017	1,035	1,061	0	6,932
<b>F-14 WSSA</b>												
Funding		0	0	0	20,780	16,599	16253	16334	16419	0	0	86,385
<b>F-14 Precision Strike</b>												
LANTIRN/JDAM		0	0	0	0	3,372	2,280	0	0	0	0	5,652
TAMPS		0	0	0	0	1,289	1,288	792	726	69	0	4,164
<b>Total REWSON etc.</b>		<b>2,847</b>	<b>2,765</b>	<b>2,928</b>	<b>48,570</b>	<b>23,676</b>	<b>22,483</b>	<b>19,833</b>	<b>19,905</b>	<b>2,899</b>	Cont	145,906
<b>LATR TOTAL</b>		1,982	0	220								2,202
<b>JCCTS TOTAL</b>		0			8,230	13,412	14,530	15,037	15,339	15,686	Cont	82,234
<b>GFE Production</b>		6,197	5,537	3,559	0	0	0	0	0	0	0	15,293
<b>All Other</b>	**	0	4,110	2,666	0	0	0	0	0	0	0	6,776
		<b>11,026</b>	<b>12,412</b>	<b>9,373</b>	<b>56,800</b>	<b>37,088</b>	<b>37,013</b>	<b>34,870</b>	<b>35,244</b>	<b>18,585</b>	Cont	<b>252,411</b>

P-1 SHOPPING LIST

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\* Due to multiple RFMs in prior years, detailed breakout of prior year data is not available for fiscal years prior to FY97, for GFE Production & Other.

\*\*The amount identified against this cost element reflects total prior year funding associated with cost elements no longer financed beyond FY97.

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WEAPONS SYSTEM COST ANALYSIS P-5						Weapon System						DATE: February 2000			
APPROPRIATION/BUDGET ACTIVITY Aircraft Procurement, Navy/BA-7						ID Code	P-1 ITEM NOMENCLATURE/SUBHEAD Other Production Charges (47C6)								
COST CODE	ELEMENT OF COST	ID Code	TOTAL COST IN THOUSANDS OF DOLLARS												
			Prior Years	FY 1998			FY 1999			FY 2000			FY 2001		
			Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost
	<b>GFE PRODUCTION</b>														
74000	QUALITY ASSURANCE		1,929			1,252			800						
74000	PRODUCTION SUPPORT		0			0			0						
74000	NAWC - AD		1,242			1,461			1,169						
74000	NAWC -WD		0			75			45						
74000	NSWC		637			400			275						
74000	CONTRACTUAL PRODUCTION SUP		2,389			2,349			1,270						
	GFE TOTAL (AIR-4.0C)		<b>6,197</b>			<b>5,537</b>			<b>3,559</b>			<b>0</b>			<b>0</b>
	<b>LATR</b>														
	F-14/LAU-138 CABLES		0			0	47	4	220						
	ECPs		1,982			0			0						
	LATR TOTAL		<b>1,982</b>			<b>0</b>			<b>220</b>			<b>0</b>			<b>0</b>
	<b>JTCTS</b>														
TBD	Interface Units									24	245	5,893	56	197	11,032
TBD	Other Costs											2,337			2,380
	JTCTS TOTAL					<b>0</b>			<b>0</b>			<b>8,230</b>			<b>13,412</b>
	GFE PROD SUPPORT (AIR-1.5)		*			803			442						
	COMMON AVIONIC DECENTR (PMA-209)		*			2,801			2,224						
	PRODUCTION LINE SHUTDOWN (PMA-261)		*			506			0			0			0
	Total this page		<b>8,179</b>			<b>9,647</b>			<b>6,445</b>			<b>8,230</b>			<b>13,412</b>

DD FORM 2446, JUN 86

P-1 SHOPPING LIST  
ITEM NO. 51

PAGE NO. 6

CLASSIFICATION:

Due to multiple RFMs in prior years, detailed breakout of prior year data is not available.

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WEAPONS SYSTEM COST ANALYSIS P-5						Weapon System			DATE: <b>February 2000</b>						
APPROPRIATION/BUDGET ACTIVITY - 7 <b>AIRCRAFT PROCUREMENT NAVY/GROUND SUPPORT EQUIPMENT &amp; FACILITIES</b>						ID Code	P-1 ITEM NOMENCLATURE/SUBHEAD <b>OTHER PRODUCTION CHARGES REWSON/OTHER CAMERAS/WSSA (Y7C6)</b>								
COST CODE	ELEMENT OF COST	ID Code	TOTAL COST IN THOUSANDS OF DOLLARS												
			Prior Years	FY 1998			FY 1999			FY 2000			FY 2001		
			Total Cost	Quantity	Unit Cost (000)	Total Cost	Quantity	Unit Cost (000)	Total Cost	Quantity	Unit Cost (000)	Total Cost	Quantity	Unit Cost (000)	Total Cost
	<b>REWSON</b>														
	MISC SMALL EQUIPMENT & ECPS	A	1,287			1,346			1,450			1,781			1,605
	ASQ-197 SENSOR DATA CONTROLS	A	520	2	265	530	2	270	540			0			0
	<b>REWSON TOTAL</b>		<b>1,807</b>			<b>1,876</b>			<b>1,990</b>			<b>1,781</b>			<b>1,605</b>
	<b>TARPS-CD</b>		<b>0</b>			<b>0</b>			<b>0</b>			<b>25,000</b>			<b>0</b>
	<b>OTHER CAMERAS</b>														
	ENGINEERING/LOGISTICS SUPPORT FOR DIGITAL CAMERA SYSTEM	N/A	269			261			204			946			761
	MISC SMALL EQPT UNDER \$100K	N/A	171			3			90			63			50
	BASE STATION W/ PRINTER	N/A	600	1	155	155			0			0			0
	DIGITAL CAMERA	N/A	0	24	20	470	23	28	644			0			0
	<b>OTHER CAMERAS TOTAL</b>		<b>1,040</b>			<b>889</b>			<b>938</b>			<b>1,009</b>			<b>811</b>
	<b>F-14 WSSA TOTAL</b>		<b>0</b>			<b>0</b>			<b>0</b>			<b>20,780</b>			<b>16,599</b>
	<b>F-14 Precision Strike</b>														
	LANTIRN/JDAM														3,372
	TAMPS														1,289
	<b>F-14 PRECISION STRIKE TOTAL</b>		<b>0</b>			<b>0</b>			<b>0</b>			<b>0</b>			<b>4,661</b>
	<b>Total, Other Photo,REWSON, WSSA</b>		<b>2,847</b>			<b>2,765</b>			<b>2,928</b>			<b>48,570</b>			<b>23,676</b>
	Total from previous page		8,179			9,647			6,445			8,230			13,412
	<b>GRAND TOTAL</b>		<b>11,026</b>			<b>12,412</b>			<b>9,373</b>			<b>56,800</b>			<b>37,088</b>

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BUDGET PROCUREMENT HISTORY AND PLANNING EXHIBIT (P-5A)					Weapon System			A. DATE			
B. APPROPRIATION/BUDGET ACTIVITY Aircraft Procurement, Navy BA-7					C. P-1 ITEM NOMENCLATURE OTHER PRODUCTION CHARGES				SUBHEAD 47C6		February 2000
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	
<b>LATR</b> INTERFACE CABLES FY 1999	47	4.0	NAWCAD PAX	N/A	PX	NAWCAD PAX	Oct-98	Mar-99	YES	N/A	
<b>JTCTS</b> INTERFACE UNIT FY 2000	24	245	NAVAIR	May-99	FFP	RAYTHEON	May-00	Nov-01	YES	N/A	
FY 2001	56	197	NAVAIR	May-00	FFP	RAYTHEON	Nov-00	May-02	NO	04/00	
D. REMARKS							CLASSIFICATION: <b>UNCLASSIFIED</b>				



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<b>Exhibit P-20, Requirements Study</b>			APPROPRIATION/BUDGET ACTIVITY - 7 <b>APN/AIRCRAFT SUPPORT EQUIPMENT &amp; FACILITIES</b>				DATE: <b>February 2000</b>	
P-1 ITEM NOMENCLATURE <b>OTHER PRODUCTION CHARGES/JTCTS</b>		Admin Leadtime (after Oct1): <b>6 MOS</b>			Prod Leadtime : <b>18 MOS</b>			
	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY2005
Buy Summary			24	56	65	66	76	78
Unit Cost			245	197	191	191	184	182
Total Cost			5,893	11,032	12,415	12,606	13,948	14,196.00
<b>Asset Dynamics</b>								
Beginning Asset Position				0	0	74	120	185
Deliveries from all prior year funding								
Deliveries from FY 1999 funding								
Deliveries from FY 2000 funding				0	24			
Deliveries from FY 2001 funding					50	6		
Deliveries from subsequent years' funding				0		40	65	66
Other Gains								
Combat Losses/Usage								
Training Losses/Usage								
Test Losses/Usage								
Other Losses/Usage								
Disposals/Retirements/Attritions/etc.								
<b>End of Year Asset Position</b>			0	0	74	120	185	251
Inventory Objective or Current Authorized Allowance			770	770	770	770	770	770
Inventory Objective 770	Actual Training Expenditures 0	Other than Training Usage 0	Disposals (Vehicles/Other) N/A	Vehicles Eligible for FY 1998 Replacement: N/A	Aircraft: TOAI: N/A			
Assets Rqd For Combat Loads:	FY 1996 thru XXXXX:	FY 1996 thru XXXXX:	FY 1996 thru XXXXX:	Vehicles Eligible for FY 1999 Replacement:	PAA: TAI			
WRM Rqmt:	FY 1995:	FY 1995:	FY 1995:	Vehicle Augment:	Attrition Res:			
Pipeline:	FY 1994:	FY 1994:	FY 1994:		BAI			
Other:	FY 1993:	FY 1993:	FY 1993:		Inactive Inv:			
TOTAL:					Storage:			
Remarks:								

P-1 SHOPPING LIST

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<b>Exhibit P-20, Requirements Study</b>			APPROPRIATION/BUDGET ACTIVITY - 7 <b>APN/AIRCRAFT SUPPORT EQUIPMENT &amp; FACILITIES</b>				DATE: <b>February 2000</b>			
P-1 ITEM NOMENCLATURE <b>OTHER PRODUCTION CHARGES/LATR F-14 LAU-138 CABLES</b>			Admin Leadtime (after Oct1): <b>1 MONTH</b>			Prod Leadtime : <b>5 MONTHS</b>				
			FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005
Buy Summary				47						
Unit Cost				4						
Total Cost				190						
<b>Asset Dynamics</b>										
Beginning Asset Position					47	47	47	47	47	47
Deliveries from all prior year funding										
Deliveries from FY 1999 funding				47						
Deliveries from FY 2000 funding										
Deliveries from FY 2001 funding										
Deliveries from subsequent years' funding										
Other Gains										
Combat Losses/Usage										
Training Losses/Usage										
Test Losses/Usage										
Other Losses/Usage										
Disposals/Retirements/Attritions/etc.										
<b>End of Year Asset Position</b>				47	47	47	47	47	47	47
Inventory Objective or Current Authorized Allowance				60	60	60	60	60	60	60
Inventory Objective 60	Actual Training Expenditures	Other than Training Usage	Disposals (Vehicles/Other)			Vehicles Eligible for FY 1998 Replacement:	Aircraft: TOAI:			
Assets Rqd For Combat Loads:	FY 1996 thru XXXXX:	FY 1996 thru XXXXX:	FY 1996 thru XXXXX:			Vehicles Eligible for FY 1999 Replacement:	PAA: TAI			
WRM Rqmt:	FY 1995:	FY 1995:	FY 1995:			Vehicle Augment:	Attrition Res:			
Pipeline:	FY 1994:	FY 1994:	FY 1994:				BAI			
Other: 60	FY 1993:	FY 1993:	FY 1993:				Inactive Inv:			
TOTAL:							Storage:			
Remarks:										

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CLASSIFICATION:

BUDGET PROCUREMENT HISTORY AND PLANNING EXHIBIT (P-5A)					Weapon System			A. DATE February 2000		
B. APPROPRIATION/BUDGET ACTIVITY Aircraft Procurement, Navy BA-7					C. P-1 ITEM NOMENCLATURE OTHER PRODUCTION CHARGES - REWSON/OTHER CAMERAS					SUBHEAD Y7C6
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
<b>REWSON</b>										
<b>ASQ-197 SENSOR DATA CONTROLS</b>										
FY 1998	2	265.0	Naval Air Sys. Com.	Oct-97	SS/FP	FAIRCHILD-Germantown, MD	Feb-98	Sep-98	YES	N/A
FY 1999	2	270.0	Naval Air Sys. Com.	Oct-98	SS/FP	FAIRCHILD-Germantown, MD	Jan-99	Sep-99	YES	N/A
<b>OTHER CAMERAS</b>										
<b>BASE STATION</b>										
FY 1998	1	155.0	NRAD, Philadelphia	Apr-98	SS/MIPR/FP	NRAD, PHILA	Jun-98	Dec-98	N/A	N/A
<b>DIGITAL CAMERA</b>										
FY 1998	24	19.6	Naval Air Sys. Com.	Mar-98	SS/MIPR/FP	EASTMAN KODAK - Rochester, NY	May-98	Sep-98	N/A	N/A
FY 1999	23	28.0	Naval Air Sys. Com.	Mar-99	SS/MIPR/FP	EASTMAN KODAK - Rochester, NY	May-99	Sep-99	N/A	N/A
<b>TARPS CD</b>										
Reconfigured pods	4	3925.0	Naval Air Sys. Com.	Mar-00	SS/MIPR/FP	Various	May 00	Sep 00	N/A	N/A
NAVIS (Navy Input Station)	4	2325.0	Naval Air Sys. Com.	Mar-00	SS/MIPR/FP	Various	May 00	Sep 00	N/A	N/A
D. REMARKS										



<b>Exhibit P-20, Requirements Study</b>			APPROPRIATION/BUDGET ACTIVITY - 7 <b>APN/GROUND SUPPORT EQUIPMENT &amp; FACILITIES</b>				DATE: <b>February 2000</b>	
P-1 ITEM NOMENCLATURE <b>OTHER CAMERAS - Y7C6</b>			Admin Leadtime (after Oct1): <b>3 mos</b>			Prod Leadtime : <b>9 mos</b>		
<b>ASQ-197 SENSOR DATA CONTROL</b>	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005
Buy Summary	2	2	0	0	0	0	0	0
Unit Cost	265	270	0	0	0	0	0	0
Total Cost	530	540	0	0	0	0	0	0
<b>Asset Dynamics</b>								
Beginning Asset Position	53	55	57	57	57	57	57	57
Deliveries from all prior year funding	2	0	0	0	0	0	0	0
Deliveries from FY 1999 funding	0	2	0	0	0	0	0	0
Deliveries from FY 2000 funding	0	0	0	0	0	0	0	0
Deliveries from FY 2001 funding	0	0	0	0	0	0	0	0
Deliveries from subsequent years' funding	0	0	0	0	0	0	0	0
Other Gains	0	0	0	0	0	0	0	0
Combat Losses/Usage	0	0	0	0	0	0	0	0
Training Losses/Usage	0	0	0	0	0	0	0	0
Test Losses/Usage	0	0	0	0	0	0	0	0
Other Losses/Usage	0	0	0	0	0	0	0	0
Disposals/Retirements/Attritions/etc.	0	0	0	0	0	0	0	0
<b>End of Year Asset Position</b>	55	57	57	57	57	57	57	57
Inventory Objective or Current Authorized Allowanc	61	61	61	61	61	61	61	61
Inventory Objective 61	Actual Training Expenditures	Other than Training Usage	Disposals (Vehicles/Other)		Vehicles Eligible for FY 2000 Replacement:		Aircraft: TOAI:	
Assets Rqd For Comba Loads:	FY 1998 thru XXXXX:	FY 1998 thru XXXXX:	FY 1998 thru XXXXX:		Vehicles Eligible for FY 2001 Replacement:		PAA: TAI	
WRM Rqmt:	FY 1997:	FY 1997:	FY 1997:		Vehicle Augment:		Attrition Res:	
Pipeline:	FY 1996:	FY 1996:	FY 1996:				BAI	
Other: 61	FY 1995:	FY 1995:	FY 1995:				Inactive Inv:	
TOTAL:							Storage:	
Remarks:								
Inventory Objective of 61 ASQ-197 Sensor Data Controls equals:								
1 each for 49 p 49								
Plus spares 12								
61								

<b>Exhibit P-20, Requirements Study</b>			APPROPRIATION/BUDGET ACTIVITY - 7 APN/GROUND SUPPORT EQUIPMENT & FACILITIES				DATE: <b>February 2000</b>	
P-1 ITEM NOMENCLATURE <b>OTHER PRODUCTION CHARGES/OTHER CAMERAS - Y7C6</b>			Admin Leadtime (after Oct1): <b>8 MOS</b>			Prod Leadtime : <b>7 MOS</b>		
<b>BASE STATION W/ PRINTER</b>	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005
Buy Summary	1	0	0	0	0	0	0	0
Unit Cost	155	0	0	0	0	0	0	0
Total Cost	155	0	0	0	0	0	0	0
<b>Asset Dynamics</b>								
Beginning Asset Position	14	15	15	15	15	15	15	15
Deliveries from all prior year funding	1	0	0	0	0	0	0	0
Deliveries from FY 1999 funding	0	0	0	0	0	0	0	0
Deliveries from FY 2000 funding	0	0	0	0	0	0	0	0
Deliveries from subsequent years' funding	0	0	0	0	0	0	0	0
Other Gains	0	0	0	0	0	0	0	0
Combat Losses/Usage	0	0	0	0	0	0	0	0
Training Losses/Usage	0	0	0	0	0	0	0	0
Test Losses/Usage	0	0	0	0	0	0	0	0
Other Losses/Usage	0	0	0	0	0	0	0	0
Disposals/Retirements/Attritions/etc.	0	0	0	0	0	0	0	0
<b>End of Year Asset Position</b>	15	15	15	15	15	15	15	15
Inventory Objective or Current Authorized Allowanc	15	15	15	15	15	15	15	15
Inventory Objective 15	Actual Training Expenditures	Other than Training Usage	Disposals (Vehicles/Other)	Vehicles Eligible for FY 2000 Replacement:	Aircraft: TOAI:			
Assets Rqd For Comba Loads:	FY 1998 thru XXXXX:	FY 1998 thru XXXXX:	FY 1998 thru XXXXX:	Vehicles Eligible for FY 2001 Replacement:	PAA: TAI			
WRM Rqmt:	FY 1997:	FY 1997:	FY 1997:	Vehicle Augment:	Attrition Res:			
Pipeline:	FY 1996:	FY 1996:	FY 1996:		BAI			
Other: 15	FY 1995:	FY 1995:	FY 1995:		Inactive Inv:			
TOTAL:					Storage:			
Remarks:								
Inventory objective of 15 equals:								
One base station per CV/CVN      12								
Three shore base stations        3								
15								

CLASSIFICATION: **UNCLASSIFIED**

<b>Exhibit P-20, Requirements Study</b>			APPROPRIATION/BUDGET ACTIVITY - 7				DATE:	
			<b>APN/GROUND SUPPORT EQUIPMENT &amp; FACILITIES</b>				<b>February 2000</b>	
P-1 ITEM NOMENCLATURE			Admin Leadtime (after Oct1):			Prod Leadtime :		
<b>OTHER PRODUCTION CHARGES/OTHER CAMERAS - Y7C6</b>			<b>7 MOS</b>			<b>5 MOS</b>		
<b>DIGITAL CAMERAS</b>	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005
Buy Summary	24	23	0	0	0	0	0	0
Unit Cost	20	28	0	0	0	0	0	0
Total Cost	470	644	0	0	0	0	0	0
<b>Asset Dynamics</b>								
Beginning Asset Position	64	80	95	87	79	71	63	55
Deliveries from all prior year funding	24	0	0	0	0	0	0	0
Deliveries from FY 1999 funding	0	23	0	0	0	0	0	0
Deliveries from FY 2000 funding	0	0	0	0	0	0	0	0
Deliveries from FY 2001 funding	0	0	0	0	0	0	0	0
Deliveries from subsequent years' funding	0	0	0	0	0	0	0	0
Other Gains	0	0	0	0	0	0	0	0
Combat Losses/Usage	0	0	0	0	0	0	0	0
Training Losses/Usage	0	0	0	0	0	0	0	0
Test Losses/Usage	0	0	0	0	0	0	0	0
Other Losses/Usage	0	0	0	0	0	0	0	0
Disposals/Retirements/Attritions/etc.	8	8	8	8	8	8	8	8
<b>End of Year Asset Position</b>	80	95	87	79	71	63	55	47
Inventory Objective or Current Authorized Allow	180	180	180	180	180	180	180	180
Inventory Objective 180	Actual Training Expenditures	Other than Training Usage	Disposals (Vehicles/Other)		Vehicles Eligible for FY 2000 Replacement:	Aircraft: TOAI:		
Assets Rqd For Comba Loads:	FY 1998 thru XXXXX:	FY 1998 thru XXXXX:	FY 1998 thru XXXXX:		Vehicles Eligible for FY 2001 Replacement:	PAA: TAI		
WRM Rqmt:	FY 1997:	FY 1997:	FY 1997:		Vehicle Augment:	Attrition Res:		
Pipeline:	FY 1996:	FY 1996:	FY 1996:			BAI		
Other: 180	FY 1995:	FY 1995:	FY 1995:			Inactive Inv:		
TOTAL:						Storage:		
Remarks:								
Inventory objective of 15 equals: 15 Cameras per CV/CVN (15*1180)								

P-1 SHOPPING LIST

CLASSIFICATION:

**UNCLASSIFIED**

CLASSIFICATION:

**UNCLASSIFIED**

BUDGET ITEM JUSTIFICATION SHEET P-40										DATE: FEBRUARY 2000			
APPROPRIATION/BUDGET ACTIVITY Aircraft Procurement, Navy (BA-7)							P-1 ITEM NOMENCLATURE SPECIAL SUPPORT EQUIPMENT						
Program Element for Code B Items:							Other Related Program Elements						
	Prior Years	ID Code		FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	To Complete	Total
COST (In Millions)	\$296,199			\$22,589	\$14,242	\$33,958	\$12,158	\$58,390	\$34,565	\$0	\$0		
Details of this P-1 item are classified. Justification of this request is provided separately.													

CLASSIFICATION:

**UNCLASSIFIED**

CLASSIFICATION:

**UNCLASSIFIED**

BUDGET ITEM JUSTIFICATION SHEET P-40										DATE: February 2000			
APPROPRIATION/BUDGET ACTIVITY Aircraft Procurement, Navy BA-7								P-1 ITEM NOMENCLATURE First Destination Transportation					
Program Element for Code B Items:								Other Related Program Elements					
	Prior Years	ID Code	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	To Complete	Total
QUANTITY													
COST (In Millions)	\$23,989		\$4,422	\$4,913	\$1,708	\$1,462	\$1,508	\$1,563	\$1,649	\$1,749	\$1,894	CONT	CONT
This line finances the movement of newly procured equipment and material from the contractor's plant to the initial point of receipt by the Government.													

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