

UNITED STATES AIR FORCE

Committee Staff Procurement Backup Book FY1999 Budget Request



Submitted to Congress February 24, 1998

AIRCRAFT PROCUREMENT, AIR FORCE VOLUME II

OPR: SAF/FMB

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P-1M MODIFICATION REPORT - 99 PB

<u>AIRCRAFT</u>	<u>CLASS</u>	<u>MOD NR</u>	<u>MODIFICATION TITLE</u>	<u>FY-97</u>	<u>FY-98</u>	<u>FY-99</u>	<u>FY-00</u>	<u>FY-01</u>	<u>FY-02</u>	<u>FY-03</u>	<u>COST TO GO</u>	<u>TOTAL PROG.</u>
B-2	P	110001	CONTRAIL MANAGEMENT	0.5	0.4	0.6						17.4
		110002	GFP COMSEC EQUIPMENT	0.1								0.5
		110005	MILSTAR UHF	0.0	0.0	0.1						6.5
		110006	ZSR-63 - BAND 4	0.1	0.1	0.1						25.7
		110007	BRU-44A/A BOMB RACK	3.8		1.6	0.6					6.0
		110008	DISK DRIVE UNIT (DDU	0.3	0.2	0.3						16.6
		110009	JASSM					4.3	4.2			8.5
		110010	GPS-AIDED TARGETING	0.2								4.7
		110011	POST BLOCK 30 UPDATE				7.0	6.9	7.7	7.7	9.9	39.2
		110012	SPARE COMPONENT	2.1	9.0	11.1	12.5					60.6
		110014	COMMON LOW					1.5	2.9	1.5		5.9
		3150	NAVSTAR GLOBAL POSIT	1.1								4.4
		99999U	LOW COST RETROFIT M	0.7	0.4		0.3	0.3				3.9
		99999X	LOW COST MODIFICATIO	0.4	0.2	0.4	0.1	0.1	0.8	0.1	1.3	8.3
		Z88888	REPROGRAMMINGS		0.3							0.3
		_RXGX0	JACK PAD LO MAINTAIN		1.2	0.7	0.4	0.1				2.4
		_YSY1M	CREW ENTRY DOOR LO D		1.8	0.8	0.3	0.0				3.0
		_ZXLRY	ACES II						0.4	0.6	0.4	1.4
	CLASS P	TOTAL FOR B-2		9.4	13.5	15.7	21.0	13.2	15.9	10.0	11.7	
TOTAL FOR B-2				9.4	13.5	15.7	21.0	13.2	15.9	10.0	11.7	

Totals may not add due to rounding.

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B-1	P-S	10407A	AFT DC POWER	7.5	7.4	5.1	2.5					44.5
		99999A	LOW COST SAFETY MODI			0.0	0.0			0.1	2.3	2.5
	CLASS	P-S	TOTAL FOR B-1	7.5	7.4	5.1	2.6			0.1	2.3	
	P	3150-R	NAVSTAR GPS - COMM U	31.5	47.7	11.4	35.5					129.5
		4165	EMERGENCY RESTRAINT	0.2	0.2	0.2	0.2	0.2				1.0
		4252	AVIONICS COMPUTERS				8.4	21.9	44.2	49.4	46.3	170.3
		4253	JDAM/1760 CONVENTION	12.4	12.9	30.6	21.8	8.1				93.3
		4256	DEFENSIVE SYSTEM UPG					2.1	40.6	59.0	251.6	353.3
		4273	JSOW INTEGRATION						2.1			2.1
		4274	JASSM INTEGRATION						10.2			10.2
		4298	GENERATOR CONTROL	5.7	2.7	0.2	0.6					11.5
		4300	CONVENTIONAL BOMB	1.1								19.9
		5013	RF TOWED DECOY SYSTE	3.7	21.8	33.1	39.1	38.1	31.9	5.5	13.6	204.2
		5047	SIMULATOR UPDATES	6.7	1.8			10.0				37.1
		5048	WIND CORRECTED MUNIT				3.8	9.2	23.4	0.6	0.4	37.5
		5050	BAND 8 BEAM STEERING	0.7								0.7
		5051	INTERFEROMETER RCVR	0.9	0.6							1.5
		5052	WAVEFORM GENERATOR	0.7	0.3	0.3						5.2
		5055	INTEGRATED DEFENSIVE					6.9	8.6	7.5	25.5	48.4
		82U800	1122 IMPROVEMENT	3.3	1.7							43.0

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		99999X	LOW COST MODIFICATIO	0.0	0.4	0.0	0.0	0.0	0.0	0.1	2.4	3.0
		T4251D	LANCER 101D	6.0								26.4
		T4251E	LANCER 101E	10.2	11.9	10.6	4.0					36.7
		Z88888	REPROGRAMMINGS		2.3							2.9
	CLASS P		TOTAL FOR B-1	83.0	104.3	86.5	113.5	96.5	161.0	122.1	339.8	
			TOTAL FOR B-1	90.5	111.7	91.6	116.1	96.5	161.0	122.2	342.1	

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B-52	P	3150	NAVSTAR GLOBAL POSIT	2.6	1.5	2.5						34.4
		3263	INTEGRATED CONV STOR	7.7	2.2	5.7	2.7	8.9			5.8	92.1
		3264	ELECTRO-OPTICAL VIEW	0.1	2.8	5.9	3.0	2.4				14.1
		3308	VINSON		0.9			0.8	0.5			4.0
		4222	ARC-210 RADIO	0.6	5.1	0.0		5.6	1.8			28.7
		4260	ADVANCED WEAPON INTE	4.1	8.7	4.1	1.0					17.9
		4270	ECM IMPROVEMENT		2.4	5.0	17.1	51.6	33.2	6.5	1.0	116.8
		4371	GPS TACAN	5.0	10.9	14.3	3.9					34.1
		99999X	LOW COST MODIFICATIO		0.2	0.8	0.1	0.1				1.6
		Z88888	REPROGRAMMINGS		3.7							3.6
	CLASS P		TOTAL FOR B-52	20.1	38.4	38.3	27.8	69.4	35.4	6.5	6.8	
			TOTAL FOR B-52	20.1	38.4	38.3	27.8	69.4	35.4	6.5	6.8	

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F-117	P-S	99999A	LOW COST SAFETY MODI		0.8							2.3
	CLASS	P-S	TOTAL FOR F-117		0.8							
	P	11324	PLATY BRICK/BLOCK RE	2.0	0.3							10.5
		11326	AP-102 COMPUTER MEMO	2.9	3.0	0.2						23.6
		11331	STORES MANAGEMENT				2.4	5.4	5.2	4.2		17.2
		11332	HIGH TEMPERATURE EDG	4.5	0.3							18.8
		3150	NAVSTAR GLOBAL POSIT	11.6	15.3	10.1	0.1					47.6
		31904	STEEL COMPRESSOR	0.0	0.2	0.2	0.1					0.6
		31907	PARKING BRAKE SWITCH	0.7	0.2							2.6
		31927	OMNIBUS ENGINE MODIF	0.4	1.1	1.0	1.5	1.9	0.6	0.1		6.5
		31929	ICING DETECTION AND	0.9	0.1							5.0
		31934	CREW EMERGENCY	0.1	0.1							1.1
		31936	REPLACE LIFE-LIMITED			0.2	0.5	0.7	0.7	0.8		2.9
		31937	SINGLE CONFIGURATION			9.2	22.0	20.8	21.4	17.4	7.8	98.6
		31942	OZONE DEPLETING CHEM		1.4	1.2	1.0	1.0	0.3	0.0		4.9
		31968	ENGINE ELECTRONIC CO		0.7	1.1						1.8
		99999S	SERVICE BULLETINS	1.7	2.7	2.4	1.1	1.6	1.1		0.4	17.3
		99999U	LOW COST RETROFIT M	1.7	0.9							6.7
		99999X	LOW COST MODIFICATIO	2.3	0.1	0.1	0.1	0.1	0.1	0.1	0.1	8.7
		Z88888	REPROGRAMMINGS		0.6							0.8

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	CLASS P		TOTAL FOR F-117	28.8	26.9	25.7	28.8	31.5	29.4	22.5	8.3	
			TOTAL FOR F-117	28.8	27.7	25.7	28.8	31.5	29.4	22.5	8.3	

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A-10	P-S	99999A	LOW COST SAFETY MODI	0.1	0.1	0.2	0.1	0.3	0.1	0.2	2.3	3.5
	CLASS P-S		TOTAL FOR A-10	0.1	0.1	0.2	0.1	0.3	0.1	0.2	2.3	
	P	18202B	TF-34 AGB LIFE IMPRO	0.6							0.5	2.1
		3150EG	EGI	25.8	20.8	29.3	22.3	27.6	6.1	2.4		186.7
		3301A	LASTE COMPUTER					4.7	7.9	9.8		22.4
		37118B	AIRBORNE DATA RECORD					8.3	0.1		3.5	12.0
		7091	COMMON AIRCRAFT MISS				0.7	2.8	4.0	5.6	15.0	28.2
		7092	NIGHT VISION IMAGING	3.1								39.5
		7142	COLOR AIRBORNE VIDEO		3.0	1.5						4.4
		9601	ONBOARD OXYGEN				0.6	6.6	4.8	6.1	23.2	41.3
		9602	COUNTERMEASURE SET					1.9	1.6	2.2	11.7	17.4
		99999X	LOW COST MODIFICATIO	0.0	0.0	0.1	1.6	0.1	0.1	0.1	2.2	4.4
		Z88888	REPROGRAMMINGS		0.5							0.7
	CLASS P		TOTAL FOR A-10	29.5	24.3	30.9	25.3	52.0	24.7	26.2	56.2	
	TOTAL FOR A-10			29.6	24.4	31.1	25.4	52.3	24.8	26.4	58.5	

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F/RF-4	P	Z88888	REPROGRAMMINGS	0.1								0.1
	CLASS P		TOTAL FOR F/RF-4	0.1								
			TOTAL FOR F/RF-4	0.1								

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F-15	P-S	13639A	AFT ENGINE BAY FIRE	1.0								18.5
	CLASS P-S	TOTAL FOR F-15		1.0								
	P	10211B	SECONDARY POWER		1.0	6.2	3.3	3.9	2.3	0.6	20.6	38.0
		13647B	HIGH PRESSURE WATER	8.0	2.7	0.0	2.9					55.0
		16628B	LANDING GEAR WIRING/	1.0	1.9	2.0	0.6	0.6				15.7
		16628E	LG WIRING/SWITCHES			3.5	0.6					4.2
		17606B	STANDARD FLIGHT DATA	1.2								6.1
		19203B	F100-220E ENGINE UPG	23.5	31.9	17.8	32.9	54.6	80.0	84.2		355.5
		3150E	GPS	6.4	13.7	4.5	9.1	1.1				46.6
		3192C	ALQ-135 P3I	53.3								220.4
		6048	4TH ROBUST BLADE	1.0	0.0							3.9
		6052	2ND VANE INNER AIR S	0.2	0.2	0.5	0.2					1.1
		6060	1ST STAGE TIP SHROUD	0.4	0.8	0.3						1.8
		6071	4TH DISK BRUSH SEAL	0.5	0.2	0.7	0.7					2.3
		6086	SUPER CONVECTIVE SHR	1.6	1.5	5.0	1.5					10.2
		6106	SECONDARY POWER					4.5	3.7	5.2	6.4	19.8
		6108	7TH/8TH STAGE SHORT	0.4								0.7
		6109	FIRST BRUSH SEAL	1.0	1.0	3.3	1.5					7.1
		6141	EAGLE 229 HPT OD FLO	1.5	1.9	4.7	1.3					10.2
		6142	COMBUSTER			0.7	2.4	1.9	0.2			5.2

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		8049	APG-63V(1) RADAR UPG	23.4	82.4	103.2	97.0	93.6	97.2	100.3	7.9	604.9
		8232	UPGRADE OF PDM SE	0.5								1.4
		8250	FIGHTER DATA LINK	5.4	34.6	40.8	7.9					100.3
		8251	VHSIC CARD	0.3								15.0
		8265	PROGRAMMABLE					9.5	14.3	15.8	21.3	60.9
		8314	AIR DATA PROCESSOR				4.7	5.2	5.3	5.3	11.2	31.7
		8352	HELMET-MOUNTED CUEIN					5.6	18.3	18.5	3.2	45.6
		8357	MULTI PURPOSE DISPLA							27.0	38.1	65.1
		8419	ALQ 135, BAND 1.5				14.8	40.5	81.9	56.1	139.1	332.4
		8420	FDL LINK 16				24.1	9.2			14.0	47.3
		8454	ACFT WEAPONS				1.7					1.7
		99999E	MISC ENGINE UPDATE M	0.0	0.0		0.2					0.2
		99999U	LOW COST RETROFIT M	0.5			0.1	0.1		0.1		7.3
		99999X	LOW COST MODIFICATIO	1.4				0.1				3.8
	IDECM		COMMON ELECTRIC						8.5	22.4	240.7	271.6
		T8237	DIGITAL MAP SYSTEM			3.4	12.6	18.1				34.1
		Z88888	REPROGRAMMINGS		3.6							5.3
	CLASS P		TOTAL FOR F-15	131.3	177.3	196.6	220.1	248.2	311.7	335.5	502.6	
			TOTAL FOR F-15	132.3	177.3	196.6	220.1	248.2	311.7	335.5	502.6	

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F-16	P-S	18503A	WING BEEF-UP	0.9	1.6	1.1						12.9
		99999A	LOW COST SAFETY MODI	0.6		0.4	1.9	0.1				4.9
		99999Y	LOW COST ENGINE SAFE	0.4		0.3	1.9	1.8	0.1	0.7		7.0
	CLASS P-S	TOTAL FOR F-16		1.9	1.6	1.8	3.8	1.9	0.1	0.7		
	P	1591	600 GALLON EXTERNAL	4.0	7.7							13.7
		173009	F110 DIGITAL ENGINE	17.4	17.6	18.1	20.1	21.6	18.2	16.7	8.1	172.0
		19229E	FALCON 229 ENGINE UP	0.2	0.5	1.5	1.9	1.2	1.0	2.2		16.1
		3088	RADAR WARNING RECEIV	0.3	0.6	1.0						158.3
		3150M	NAVSTAR GPS - CUPID	22.2	37.6	16.7	22.9	9.6	3.5			112.5
		3450	ALE-47	0.7	2.0	3.5	7.8	5.3	2.4	1.9	0.5	54.8
		4260	ADVANCED WEAPON INTE	2.7	3.8	2.0						23.7
		426030	ADVANCED WEAPONS INT					2.0	4.0	4.0	10.8	20.8
		4262	DIGITAL TERRAIN SYST		11.5			15.4	15.4			42.4
		50003B	REDESIGNED F-16 BRAK	2.3	5.4							10.8
		5013	RF TOWED DECOY SYSTE	19.8	40.6	18.7	18.2	18.3	5.1	1.4	9.7	131.8
		57U051	RELOCATE FORWARD	0.7	1.1	0.6						12.5
		58006A	WOW SWITCH	0.1	0.2	0.1	0.0	0.0				3.0
		58044B	CHAFF/FLARE	0.1	0.2	0.1						2.3
		6020	SCREECH / EXHAUST DU			2.6	0.6					3.2
		602030	BLOCK 30 NIGHT VISIO		4.1	10.0	5.2	4.2	1.5			25.0

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		602040	BLK 40/50 NIGHT VISI		6.1	16.7	26.1	21.7	0.5			71.1
		602041	BLOCK 40 CAS INTEGRA		5.4	11.6	3.1					20.1
		602140	BLK 40 MODULAR MISSI						34.3	37.4	209.0	280.7
		602150	BLK 50 MODULAR MISSI			21.0	44.6	47.2	19.9	8.2	2.4	143.4
		6022	PRE BLK 40 STRUCTURA	32.1	42.1	31.9	31.7	7.9				234.5
		602240	BLOCK 40 STRUCTURAL	17.9	17.8	9.9						76.0
		602250	BLOCK 50/52 STRUCTUR					2.7	3.3	1.6		7.5
		603030	ALQ-213 COUNTERMEASU			9.1	11.8	6.4	2.7			30.1
		610240	BLOCK 40 COLOR DISPL						16.9	19.1	89.2	125.2
		610250	BLOCK 50 COLOR DISPL			13.2	30.6	34.9	14.4	7.4	2.2	102.7
		610330	BLOCK 30 ENHANCED FI			5.7	4.7	4.4				14.8
		6300	ON BOARD OXYGEN	0.5			5.2	7.8	10.4	6.2	57.3	87.3
		6400	BLOCK 50 IMPROVED AI	1.3								9.2
		650040	BLOCK 40 JOINT HELME						11.2	6.4	71.0	88.6
		650050	BLOCK 50 JOINT HELME					16.3	16.7	13.7	13.4	60.2
		661640	BLOCK 40 LINK 16 - C						25.8	26.4	126.2	178.4
		661650	BLOCK 50 LINK 16 - C					45.5	45.5	51.2	12.8	155.0
		99999E	MISC ENGINE UPDATE M	1.7		1.7	0.4			0.4		6.7
		99999U	LOW COST RETROFIT M	0.1								2.4
		99999X	LOW COST MODIFICATIO	0.5	0.3	1.9				0.1		8.0

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<u>AIRCRAFT</u>	<u>CLASS</u>	<u>MOD NR</u>	<u>MODIFICATION TITLE</u>	<u>FY-97</u>	<u>FY-98</u>	<u>FY-99</u>	<u>FY-00</u>	<u>FY-01</u>	<u>FY-02</u>	<u>FY-03</u>	<u>COST TO GO</u>	<u>TOTAL PROG.</u>
		F16HTS	HARM TARGETING SYSTE	9.3								9.3
		F18001	F110-GE-100/129 #4 B			2.0	2.0	1.4	0.5			5.9
		F18002	F110 MEC	0.1	1.1	1.0						2.4
		F18003	F110 EXHAUST NOZZLE	0.4	1.1							1.5
		F19000	F110 TURBINE FRAME O	1.8								9.0
		F19400	F110-GE-129 (DEC) UP	1.1								9.1
		F19401	-229 HPT OD FLOWPATH		0.2	0.4	0.9	0.6	0.5	0.9		3.5
		F19403	COMBUSTER		0.6							0.6
		F19407	F110-GE-100 T4B PYRO		0.4	0.4	0.5	0.5	0.6	0.6		3.0
		F19410	F110 DEC HARDWARE RE		0.3	2.3	2.4	1.5	0.2			6.8
		F19411	F100 IMPROVED TURBIN		0.1	0.1						0.2
		F19412	F110-GE-129 EMS IMPR			0.6						0.6
		Z88888	REPROGRAMMINGS		2.5							
		_N1VJR	HTS PLUS UP		2.9							2.9
		_WO1TF	ANG/AFRES TARGETING			23.1						23.1
	CLASS P		TOTAL FOR F-16	128.0	213.6	227.5	240.7	276.5	254.6	205.6	612.6	
	TOTAL FOR F-16			129.9	215.2	229.3	244.5	278.4	254.7	206.3	612.6	

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EF-111	P-S	99999A	LOW COST SAFETY MODI	0.1	0.2							0.4
	CLASS P-S		TOTAL FOR EF-111	0.1	0.2							
			TOTAL FOR EF-111	0.1	0.2							

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<u>AIRCRAFT</u>	<u>CLASS</u>	<u>MOD NR</u>	<u>MODIFICATION TITLE</u>	<u>FY-97</u>	<u>FY-98</u>	<u>FY-99</u>	<u>FY-00</u>	<u>FY-01</u>	<u>FY-02</u>	<u>FY-03</u>	<u>COST TO GO</u>	<u>TOTAL PROG.</u>
A/T-37	P-S	99999A	LOW COST SAFETY MODI	0.1	0.1	0.1	0.1	0.1	0.1	0.1		0.8
	CLASS P-S		TOTAL FOR A/T-37	0.1	0.1	0.1	0.1	0.1	0.1	0.1		
			TOTAL FOR A/T-37	0.1	0.1	0.1	0.1	0.1	0.1	0.1		

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<u>AIRCRAFT</u>	<u>CLASS</u>	<u>MOD NR</u>	<u>MODIFICATION TITLE</u>	<u>FY-97</u>	<u>FY-98</u>	<u>FY-99</u>	<u>FY-00</u>	<u>FY-01</u>	<u>FY-02</u>	<u>FY-03</u>	<u>COST TO GO</u>	<u>TOTAL PROG.</u>
C-5	P	14220B	MLG/DOOR ACTUATING S	3.0	0.5							78.3
		15203B	MADARS REPLACEMENT	8.3	3.0							222.3
		3150	NAVSTAR GLOBAL POSIT	11.9	8.3	6.7	5.3					88.5
		3455	AIRLIFT DEFENSIVE SY	1.3	4.3	2.7	2.8	5.1				30.8
		6019	MADARS II MULTIPLEXE	0.4								4.2
		6030	REDUCED VERTICAL SEP	0.7								0.7
		6032	COMPARTMENT FLOOR		0.0	0.4	0.3					4.7
		6035	D-SUMP LUBE LINE MOD		1.5							1.5
		6036	SMART ENGINE DIAGNOS				1.1	4.3				5.4
		6037	TF39 ENGINE HIGH PRE	19.7	34.2	33.1	37.0	41.1	24.9			190.0
		6038	AVIONICS MODERNIZATI				113.4	53.7	123.2	107.0	200.6	597.9
		6103	HYDRAULIC SURGE CONT			2.3						2.3
		6150	STANDBY ATTITUDE IND	3.9	1.2							5.2
		6151	REPLACE FUEL FLOW TR		6.5							6.5
		6152	ANTI-SKID RELIABILIT		8.5							8.5
		96001	STATION KEEPING EQUI	10.8	2.4		13.6	10.2	0.4			37.5
		96002	AIRDROP SYSTEM EQUIP				0.4	0.4	0.3			1.1
		96003	AIRCRAFT FORMATION L	1.6	0.3		2.1	2.2	0.6			6.8
		96004	8.33 RADIO		7.9	13.1	13.2					34.3
		99999X	LOW COST MODIFICATIO		0.9				0.1	0.1		2.8

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		EGPWS	EGWPS AND TCAS MODE			5.3	3.9	3.9	4.8	0.4		18.3
		Z88888	REPROGRAMMINGS		1.7							1.7
	CLASS P		TOTAL FOR C-5	61.6	81.2	63.6	193.0	121.0	154.4	107.5	200.6	
			TOTAL FOR C-5	61.6	81.2	63.6	193.0	121.0	154.4	107.5	200.6	

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<u>AIRCRAFT</u>	<u>CLASS</u>	<u>MOD NR</u>	<u>MODIFICATION TITLE</u>	<u>FY-97</u>	<u>FY-98</u>	<u>FY-99</u>	<u>FY-00</u>	<u>FY-01</u>	<u>FY-02</u>	<u>FY-03</u>	<u>COST TO GO</u>	<u>TOTAL PROG.</u>
C-9	P	3009	REENGINE		5.2	2.3	5.4	6.3				19.3
		3149T	TRAFFIC ALERT & COLL	3.3	5.1							8.4
		3150	NAVSTAR GLOBAL POSIT	6.8	2.5							26.6
		9709	GLOBAL AIR TRAFFIC M					1.4	6.9	6.8	9.3	24.4
		99999S	SERVICE BULLETINS	0.4	1.2	1.0	0.9	1.9	1.3	1.5		20.5
		99999X	LOW COST MODIFICATIO	0.9	1.6	0.1	0.1	0.1	0.0	0.6		3.7
		EGPWS	EGWPS AND TCAS MODE			2.2	3.0	1.8				7.0
		Z88888	REPROGRAMMINGS		0.3							
		_X2SSO	RVSM FLEET			3.9	3.5	5.2				12.6
	CLASS P		TOTAL FOR C-9	11.3	16.0	9.5	12.9	16.6	8.2	8.9	9.3	
			TOTAL FOR C-9	11.3	16.0	9.5	12.9	16.6	8.2	8.9	9.3	

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C-17	P	6002	STATION KEEPING EQUI	5.8	3.8							9.6
		6005	TROOP DOOR AFT FAIRI	0.3	1.6	0.6						2.5
		6006	SIDEWALL OXYGEN BOX		8.5	8.3	1.3					18.1
		6007	UTILITY LIGHT LOADMA	0.2	0.2							0.4
		6008	AEROMED LITTER STANC		5.4	5.1	1.2					11.7
		6009	GROUND PROXIMITY WAR	0.1								0.1
		6010	TRANSPONDER TEST UNI	0.1								0.1
		6012A	ACCELERATED AIRLIFT	2.5								37.2
		6015	CONTAINER DELIVERY S	0.2	6.0	0.6						6.7
		6026	400 POUND PARATROOPE	0.8	5.7	2.8	1.4	0.9	0.9	8.9	2.0	23.4
		6042	SURE-COMM	2.0	0.0	0.3						2.3
		6049	LIFE RAFT CONTAINER/	0.4								0.4
		6053	MISSION COMPUTER	11.7	0.2	3.6						15.5
		6153	PRECISION LANDING SY	15.4	1.7							17.1
		6200	AIRCRAFT LIFETIME EX				11.3	27.4	24.7			63.3
		6201	GPS INTEGRITY MONITO		0.4	10.8	12.2	1.9				25.3
		6202	OPERATIONAL FLEXIBIL							0.6	246.8	247.3
		6203	AIRDROP CAPABILITY E					0.1	7.1	6.5	34.3	48.0
		6204	CARGO COMPARTMENT						0.1	3.2	144.8	148.1
		6205	MAINTAINABILITY IMPR				0.1	1.0	3.0	1.2	241.7	247.0

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		6206	AVIONICS BLOCK UPGRA				0.0	19.3	5.3	0.7	20.4	45.7
		6208	CARGO COMPARTMENT							0.7	189.5	190.2
		9702	8.33 KHZ VFH RADIO	6.6	19.1							25.7
		9703	DUAL ROW AIRDROP CAP		0.1	2.2	3.2					5.5
		9704	COMMAND CONTROL		3.3							3.3
		9705	ELECTRONIC FLIGHT CO		0.5	6.4	6.3	0.5				13.8
		9706	SOFTWARE BLOCK				1.0	4.4	5.0	4.7	14.9	30.0
		9707	RM&A MODS				0.1	1.3	7.0	7.3	44.7	60.4
		9708	OPEN ARCHITECTURE				22.8	36.6	13.8			73.2
		Z88888	REPROGRAMMINGS	5.8	1.2							6.9
		_1Y49L	REACTIVE WINDSHEAR						0.5	0.6		1.1
		_QFP61	FY98 RM&A MODS			0.1	3.4	1.1				4.6
		_QW1BF	GATM REQUIREMENTS					4.4	34.5	79.1	101.2	219.2
		_WAOJ4	SOFTWARE BLOCK 10 UP			1.5	3.9	0.7				6.1
		_WOLUW	COMBUSTION EXIT TEMP			1.8	10.1	2.0	16.3	19.8	50.0	100.0
		_Y5RLB	FUTURE OUT OF CYCLE					0.3	0.4	0.4	2.2	3.3
		_ZPT8R	CABIN PRESSURIZATION			1.6	4.3	5.0	0.8			11.7
	CLASS P		TOTAL FOR C-17	51.8	57.7	45.7	82.5	106.9	119.3	133.7	1092.4	
			TOTAL FOR C-17	51.8	57.7	45.7	82.5	106.9	119.3	133.7	1092.4	

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C-21	P	3149T	TRAFFIC ALERT & COLL	1.4	4.5	8.9	2.1					16.9
		3150	NAVSTAR GLOBAL POSIT	3.2								13.7
		9701	MAGNASTAR C-2000 DIG		2.0							2.0
		9709	GLOBAL AIR TRAFFIC M			51.0	6.9	8.7	6.4	6.4	9.5	88.9
		99999S	SERVICE BULLETINS	0.1	0.2	0.1	0.1	0.1	2.8	2.7		7.9
		Z88888	REPROGRAMMINGS		0.1							0.0
	CLASS P		TOTAL FOR C-21	4.8	6.8	59.9	9.2	8.8	9.2	9.1	9.5	
			TOTAL FOR C-21	4.8	6.8	59.9	9.2	8.8	9.2	9.1	9.5	

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C-22	P	99999S	SERVICE BULLETINS	0.4	0.3	0.2	0.2	0.2	0.1	0.1	0.1	2.1
	CLASS P		TOTAL FOR C-22	0.4	0.3	0.2	0.2	0.2	0.1	0.1	0.1	
			TOTAL FOR C-22	0.4	0.3	0.2	0.2	0.2	0.1	0.1	0.1	

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C-27	P	99999S	SERVICE BULLETINS	0.4	0.0							5.8
	CLASS P		TOTAL FOR C-27	0.4	0.0							
			TOTAL FOR C-27	0.4	0.0							

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C-137	P	3149T	TRAFFIC ALERT & COLL	3.4								3.4
		99999S	SERVICE BULLETINS	0.6	2.2							13.2
		99999X	LOW COST MODIFICATIO	0.5								6.2
	CLASS P		TOTAL FOR C-137	4.5	2.2							
			TOTAL FOR C-137	4.5	2.2							

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C-141	P-S	99999A	LOW COST SAFETY MODI			0.2	0.7	0.8	0.9	0.9		5.8
	CLASS P-S		TOTAL FOR C-141			0.2	0.7	0.8	0.9	0.9		
	P	13627B	AUTOPILOT/COCKPIT UP	26.0	19.1	5.2						169.7
		13652B	FUEL QUANTITY INDICA	0.3								18.6
		3149T	TRAFFIC ALERT & COLL		14.1	17.0	1.8					32.8
		3150	NAVSTAR GLOBAL POSIT	23.1	5.0	2.2						63.2
		3455	AIRLIFT DEFENSIVE SY	1.6	5.2	0.9						28.0
		Z88888	REPROGRAMMINGS		0.9							0.9
		_0Q606	ENHANCED GROUND			8.0						8.0
	CLASS P		TOTAL FOR C-141	51.0	44.3	33.2	1.8					
TOTAL FOR C-141				51.0	44.3	33.4	2.5	0.8	0.9	0.9		

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T-1	P	3150	NAVSTAR GLOBAL POSIT	7.5	6.7	7.7	0.0					36.1
		Z88888	REPROGRAMMINGS		0.1							
	CLASS P		TOTAL FOR T-1	7.0	6.8	7.7	0.0					
			TOTAL FOR T-1	7.0	6.8	7.7	0.0					

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T-3	P-S	3009T	T-3 FUEL SYSTEM MODI	1.1	2.9							6.2
	CLASS P-S		TOTAL FOR T-3	1.1	2.9							
	P	99999A	LOW COST SAFETY MODI	0.1	0.1	0.1	0.1	0.1				0.6
		Z88888	REPROGRAMMINGS									
	CLASS P		TOTAL FOR T-3			0.1	0.1	0.1				
			TOTAL FOR T-3	0.1	0.1	0.1	0.1	0.1				

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AIRCRAFT	CLASS	MOD NR	MODIFICATION TITLE	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	COST TO GO	TOTAL PROG.
T-38	P-S	10206A	FUS STA 325 BULKHEAD	0.6	10.8	13.4	2.8	2.1				58.6
		14207B	COCKPIT ENCLOSURE (P	4.6	3.4	1.3						66.2
		99999A	LOW COST SAFETY MODI	0.0		0.8	0.1	0.0	0.2	0.2	0.9	3.5
	CLASS P-S		TOTAL FOR T-38	5.2	14.2	15.5	2.9	2.1	0.2	0.2	0.9	
	P	23177B	VOR/ILS REPLACEMENT	0.6								6.3
		6029	AVIONICS UPGRADE			38.1	95.7	92.3	87.0	105.1	168.9	587.2
		Z88888	REPROGRAMMINGS		0.3							0.6
	CLASS P		TOTAL FOR T-38	0.6	0.3	38.1	95.7	92.3	87.0	105.1	168.9	
			TOTAL FOR T-38	5.8	14.5	53.6	98.6	94.4	87.2	105.3	169.8	

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<u>AIRCRAFT</u>	<u>CLASS</u>	<u>MOD NR</u>	<u>MODIFICATION TITLE</u>	<u>FY-97</u>	<u>FY-98</u>	<u>FY-99</u>	<u>FY-00</u>	<u>FY-01</u>	<u>FY-02</u>	<u>FY-03</u>	<u>COST TO GO</u>	<u>TOTAL PROG.</u>
T-41	P	99999X	LOW COST MODIFICATIO	0.0	0.1	0.1	0.1	0.1	0.1	0.1		0.9
	CLASS P		TOTAL FOR T-41	0.0	0.1	0.1	0.1	0.1	0.1	0.1		
			TOTAL FOR T-41	0.0	0.1	0.1	0.1	0.1	0.1	0.1		

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T-43	P	3149F	FLIGHT DATA RECORDER		2.6	1.7						7.6
		3150	NAVSTAR GLOBAL POSIT	4.5	3.5							10.6
		9605	INMARSAT AND SATCOM		3.6							3.6
		99999S	SERVICE BULLETINS		0.1	0.4	0.7	0.4	0.3	0.2	0.4	9.0
		99999X	LOW COST MODIFICATIO	0.2	0.1	0.1	0.1	0.1	0.1	0.1		1.8
		EGPWS	EGWPS AND TCAS MODE					3.2	3.6			6.8
		Z88888	REPROGRAMMINGS		0.2							2.0
	CLASS P		TOTAL FOR T-43	4.8	10.0	2.2	0.8	3.7	4.0	0.3	0.4	
	TOTAL FOR T-43			4.8	10.0	2.2	0.8	3.7	4.0	0.3	0.4	

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KC-10	P-S	99999A	LOW COST SAFETY MODI	0.0	0.1	0.1	0.3	0.5				1.5
	CLASS P-S		TOTAL FOR KC-10	0.0	0.1	0.1	0.3	0.5				
	P	3150	NAVSTAR GLOBAL POSIT	14.0	5.1	4.5						61.0
		4301	ENGINE VIBRATION MON	0.3								2.3
		4369	REPLACE PYLONS 1&3 F		3.3	4.1	4.6	3.9	1.2			17.2
		6046	L-BAND SATCOM AND CJ	1.2	1.1							10.9
		9702	8.33 KHZ VFH RADIO		2.0	2.8						4.8
		99999S	SERVICE BULLETINS	2.8	1.8	1.8	1.5	1.1	0.1	1.5	4.0	26.1
		99999X	LOW COST MODIFICATIO		0.2		0.1	0.1				2.8
		SIM-10	SIMULATOR UPGRADE (K			8.0	7.2	4.7				31.5
		Z88888	REPROGRAMMINGS		0.4							
		_KK6NQ	GATM MODIFICATIONS			17.1	25.9	23.6	30.2	14.2		111.0
		_NW1RF	NAVIGATION AND SAFET							12.9		12.9
		_OO89R	ADS-B UPGRADE -					3.5	2.2	4.1	7.3	17.2
		_VIW7M	EGWPS AND TCAS MODE		6.3	5.4	5.4	5.4	3.7	5.0		31.1
	CLASS P		TOTAL FOR KC-10	18.3	20.3	43.7	44.6	42.3	37.4	37.7	11.3	
	TOTAL FOR KC-10			18.4	20.4	43.7	45.0	42.8	37.4	37.7	11.3	

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C-12	P	3149F	FLIGHT DATA RECORDER		0.5							2.6
		3149T	TRAFFIC ALERT & COLL	2.4	2.6	1.6	0.2					6.8
		3150	NAVSTAR GLOBAL POSIT	6.8	0.2							9.2
		99999S	SERVICE BULLETINS	1.6	1.0	1.2	0.7	0.1	0.3	0.3	0.3	5.8
		99999X	LOW COST MODIFICATIO	0.2	0.2	0.1	0.1		0.1	0.1	0.1	1.9
		EGPWS	EGWPS AND TCAS MODE			1.0	1.6	1.5				4.0
		Z88888	REPROGRAMMINGS		0.1							0.1
	CLASS P		TOTAL FOR C-12	11.0	4.6	3.8	2.6	1.6	0.4	0.4	0.4	
			TOTAL FOR C-12	11.0	4.6	3.8	2.6	1.6	0.4	0.4	0.4	

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C-18	P	3150	NAVSTAR GLOBAL POSIT	1.1								5.2
		99999S	SERVICE BULLETINS		0.2	0.3	0.3	0.3	0.8	0.8	0.8	3.3
		99999X	LOW COST MODIFICATIO		0.1	0.1	0.1	0.1	0.1	0.1	0.1	5.1
	CLASS P		TOTAL FOR C-18	1.1	0.3	0.4	0.4	0.4	0.9	0.9	0.9	
			TOTAL FOR C-18	1.1	0.3	0.4	0.4	0.4	0.9	0.9	0.9	

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C-20	P	3149T	TRAFFIC ALERT & COLL		0.8	2.7						4.3
		3150	NAVSTAR GLOBAL POSIT	0.3	3.3	3.2						19.9
		9709	GLOBAL AIR TRAFFIC M				0.2	5.7	4.2	6.8	7.9	24.7
		99999S	SERVICE BULLETINS	0.4	1.4	0.4	0.4	0.4	0.4	0.6		4.4
		99999X	LOW COST MODIFICATIO	0.3	0.9	0.1	0.1	0.1	0.1	0.1		3.9
		EGPWS	EGWPS AND TCAS MODE		1.7	0.2	3.1	4.8	6.0			15.9
		Z88888	REPROGRAMMINGS		0.2							0.2
	CLASS P		TOTAL FOR C-20	1.0	8.2	6.6	3.8	10.9	10.7	7.5	7.9	
			TOTAL FOR C-20	1.0	8.2	6.6	3.8	10.9	10.7	7.5	7.9	

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C-25	P	3149W	WINDSHEAR WARNING	0.2	6.6							10.3
		3150	NAVSTAR GLOBAL POSIT	1.2	2.3	4.2						21.2
		9709	GLOBAL AIR TRAFFIC M			2.6	8.5		0.9	0.9		13.0
		99999S	SERVICE BULLETINS	0.7	1.4	0.5	0.8	0.7	0.7	0.8	0.8	10.9
		99999X	LOW COST MODIFICATIO			0.1	0.2	0.1	0.1	0.1	0.1	0.7
		Z88888	REPROGRAMMINGS		0.2							0.2
	CLASS P		TOTAL FOR C-25	2.1	10.5	7.4	9.5	0.8	1.7	1.8	0.9	
			TOTAL FOR C-25	2.1	10.5	7.4	9.5	0.8	1.7	1.8	0.9	

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C-130	P-S	99999A	LOW COST SAFETY MODI					0.1		0.1	4.5	4.7
	CLASS	P-S	TOTAL FOR C-130					0.1		0.1	4.5	
	P	10603A	FLIGHT DATA RECORDER	0.1								5.7
		12603B	APQ-122 RADAR REPLAC	2.9	2.7	1.8						130.5
		17605B	AUTOPILOT/GCAS	29.7	22.8	37.4	54.3	10.4	8.1			259.1
		18600B	ELECTRICAL SYSTEM UP	16.1	2.6	19.6	26.8	15.1	2.8	0.3		112.3
		18603B	FUEL QTY SYS UPGRADE	2.7	1.9	1.6	1.6	1.5	1.5			18.8
		3150	NAVSTAR GLOBAL POSIT	16.2	9.2	2.6	1.2					78.6
		3190	SCNS	4.4	4.4	2.2						347.9
		3353	HF AUTO COMM	2.2	4.4	0.4						42.8
		3455	AIRLIFT DEFENSIVE SY	8.9	10.1	10.1	29.8	24.8	9.2	7.5	3.9	157.7
		3587	MICROWAVE LANDING SY	0.3	0.7							33.2
		8109	ARMOR PLATING	0.6	0.4							5.6
		8220	ALR-69 (RWR)	1.2	1.9		3.0	6.0	1.1	23.5	134.5	209.5
		8385	AN/AAQ-22M	0.8								5.4
		8424	AERSPACE RESCUE AND	0.0	8.5	14.1						22.6
		8448	BLEED AIR DUCT REPLA		0.5	0.8	2.2	1.5	0.9			5.9
		8455	INSTALLATION OF AN/A	7.2	0.6							7.8
		8517	AVIONICS UPGRADE		2.1	0.1	29.0	63.8	64.7	84.4	181.2	425.4
		8520	NVIS		1.4	1.7	0.4					3.5

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		8522	WC130J SPECIAL MISSI		13.3							13.3
		99999M	MISC SIMULATOR UPDAT			0.1					6.0	6.1
		99999O	MISC LOW COST MODS	0.3								0.3
		99999S	SERVICE BULLETINS					0.1			6.0	6.5
		99999X	LOW COST MODIFICATIO	0.1	2.0	1.7	0.1	0.1	0.5	0.2	3.0	9.4
		ABCCC3	BROADCAST INTELLIGEN	0.2								7.2
		EC130J	EC130J SPECIAL MISSI		23.5							23.5
		TIBS	TIBS	4.1								4.1
		Z88888	REPROGRAMMINGS		2.2							2.3
		_KQDME	UPGRADE C-130 CREW S			4.2						4.2
		_SWCGC	LIQUID OXYGEN SYSTEM		1.0	3.0	2.0					6.0
		_TXTUR	ENHANCED TCAS (TCAS		13.8	18.2						32.0
	CLASS P		TOTAL FOR C-130	97.8	129.8	119.6	150.5	123.3	88.8	115.8	334.6	
			TOTAL FOR C-130	97.8	129.8	119.6	150.5	123.4	88.8	115.9	339.1	

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C-135	P-S	10408A	AERIAL REFUELING PUM	0.1								8.1
		99999A	LOW COST SAFETY MODI	0.3	0.0	1.4	1.3	1.0	1.3	2.0	1.3	9.4
	CLASS	P-S	TOTAL FOR C-135	0.4	0.0	1.4	1.3	1.0	1.3	2.0	1.3	
	P	10402B	FUEL SAVINGS ADVISOR	1.1	0.5	0.3						102.3
		16405X	SCOPE RELOCATION	0.1	0.0	0.0						0.3
		17403B	STANDARD FLIGHT DATA	2.4	0.4	2.4	0.3	0.2	0.3			16.1
		2984X	NUCLEAR HARDENING	0.1	0.1	0.6						1.1
		3009E	C-135 REENGINE	50.0	0.1	3.0						491.3
		3009X	AUDIBLE COCKPIT WARN	0.1	0.2	0.1						0.9
		3009Y	RELOCATE S/V BOX	0.2	0.1	0.1						0.9
		3042	STANDARD VHF AM/FM R	2.3	0.2							6.7
		3149	NAVIGATION AND SAFET	12.2	2.4	2.5						17.2
		3149F	FLIGHT DATA RECORDER			7.4	13.8	33.3	33.7	27.1	9.4	124.7
		3149FL	NAVIGATION & SAFETY							30.0		30.0
		3150PC	PACER CRAG (COMPASS,	86.0	96.2	139.2	170.7	90.8				693.7
		3156	PACER LINK PH II	0.8	0.8							251.3
		3353	HF AUTO COMM	7.9	0.0	0.3	0.2					19.8
		3368	GROUND COLLISION AVO	29.5	3.3	13.3	18.4	8.2	1.9			84.8
		4310	INTERPHONE		3.0	25.0	15.2	1.1				44.3
		48604B	INSTALLATION OF WIND	0.2								2.7

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		6030	REDUCED VERTICAL SEP	4.0	6.0	23.9	23.7	22.5	13.5			93.6
		9605	INMARSAT AND SATCOM		1.6							1.6
		9611	KC-135R CINC A/C				29.2	46.5				75.7
		9702	8.33 KHZ VFH RADIO			9.9	25.1	64.3	70.5	14.4		184.2
		9709	GLOBAL AIR TRAFFIC M			29.9	46.0	85.6	148.4	260.4	162.4	732.7
		99999S	SERVICE BULLETINS	0.5	0.0	1.4	1.0	1.2	1.3	1.7	2.4	11.1
		99999U	LOW COST RETROFIT M	0.3								2.3
		99999X	LOW COST MODIFICATIO	0.7	0.0	1.3	1.0	0.4	0.1	1.8	0.0	7.4
		KC4218	HIGH RELIABILITY MAI	1.7	3.6	4.0	2.3	1.8	0.8			17.6
		KC4231	MULTIPOINT REFUELING	33.1	22.1	7.9	40.3	41.8	11.6			169.8
		SIM135	SIMULATOR UPGRADE			17.3	24.4	22.3	27.1	29.9		121.0
		Z88888	REPROGRAMMINGS		2.9							6.7
	CLASS P		TOTAL FOR C-135	233.1	143.5	289.7	411.5	420.1	309.1	365.2	174.2	
			TOTAL FOR C-135	233.5	143.6	291.1	412.8	421.1	310.4	367.2	175.5	

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E-3	P	17600B	REPLACE MAG TAPE TRA	0.6								19.6
		3150	NAVSTAR GLOBAL POSIT	10.4	5.2	2.3						58.9
		3246	HAVE QUICK A-NET	0.4								148.1
		3371	ELECTRONIC SUPPORT M	86.7	22.4	16.0	0.1					310.5
		3401	JTIDS TADIL J	12.6		0.4						36.2
		3402	DATA ANALYSIS PROGRA	33.9		0.3						101.3
		50001A	EXT SEN, COMPUTERS A	24.6	28.9	30.9	16.7	39.7	6.3	52.3	140.7	361.6
		50001B	EXT SEN, BACKSHOP	0.1								23.3
		50001C	EXTEND SENTRY, COMMU	11.4	1.4	0.2	0.2					26.7
		50001E	EXTEND SENTRY, EXECU	0.1	0.1							2.3
		50001P	PDMA	1.3	0.0	0.1	0.1	0.1				5.5
		50001R	EXTEND SENTRY, RADAR	12.2						24.8	35.0	100.9
		50001X	EXTEND SENTRY	7.5	1.7	3.9	1.9	0.9	0.9			27.4
		70001C	OFFENSIVE COUNTER AI	17.7	0.1	0.5						18.3
		7266	RADAR SYSTEM IMPROVE	44.7	65.1	59.7	78.9	64.7	58.8	11.1	6.5	435.7
		Z88888	REPROGRAMMINGS		2.6							2.3
	CLASS P	TOTAL FOR E-3		264.3	127.7	114.2	97.9	105.4	66.0	88.2	182.2	
TOTAL FOR E-3				264.3	127.7	114.2	97.9	105.4	66.0	88.2	182.2	

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E-4	P-S	99999A	LOW COST SAFETY MODI				0.3	1.6	1.2	1.2		4.3
	CLASS P-S		TOTAL FOR E-4				0.3	1.6	1.2	1.2		
	P	3149T	TRAFFIC ALERT & COLL	2.0	2.2	3.2	0.6					8.0
		3150	NAVSTAR GLOBAL POSIT	1.2		0.2	0.4					21.5
		3445	UNIVERSAL MODEM				5.2	5.0	0.1			10.3
		3501	SHF SATCOM	1.0								8.0
		3505	MODIFIED MINITURE RE				12.0	18.2	7.7	1.6		39.5
		4374	E-4 MISSION COMMUNIC	4.8		3.5	3.6					21.9
		9702	8.33 KHZ VFH RADIO		0.4	0.6	0.3					1.3
		99999S	SERVICE BULLETINS	1.8	5.7	1.9	1.3	4.6	2.1	1.3		28.2
		99999X	LOW COST MODIFICATIO	1.7	2.5	0.7	0.0	2.0	1.0	0.6		9.9
		Z88888	REPROGRAMMINGS		0.3							
		_RIC7N	E-4B INFRASTRUCTURE							23.4	48.3	71.7
		_U7S7O	E-4B MISSION SUPPORT							6.9	14.3	21.1
		_VDNI3	E-4B NOISE REDUCTION				1.3	3.8	2.6			7.7
		_XVUFC	ENHANCED GROUND		2.2	3.9	2.0					8.2
	CLASS P		TOTAL FOR E-4	12.5	13.4	14.0	26.6	33.7	13.4	33.8	62.6	
TOTAL FOR E-4				12.5	13.4	14.0	26.9	35.3	14.6	35.0	62.6	

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P-1M MODIFICATION REPORT - 99 PB

<u>AIRCRAFT</u>	<u>CLASS</u>	<u>MOD NR</u>	<u>MODIFICATION TITLE</u>	<u>FY-97</u>	<u>FY-98</u>	<u>FY-99</u>	<u>FY-00</u>	<u>FY-01</u>	<u>FY-02</u>	<u>FY-03</u>	<u>COST TO GO</u>	<u>TOTAL PROG.</u>
E-8B	P	99999X	LOW COST MODIFICATIO							14.0	22.5	36.5
		GPC	GENERAL PURPOSE			11.8	8.1	4.3	2.9			27.1
		OWS	OPERATOR			18.2	12.2	4.3	2.9			37.6
		PSP	PROGRAMMABLE SIGNAL			7.8	5.4	4.3	2.9			20.4
		RC/PCU	RADAR CONTROL UNIT/P			6.4	4.4	0.8	0.5			12.1
		_WHZZH	SATELLITE COMMUNICAT					2.4	8.0	10.2	2.9	23.5
	CLASS P		TOTAL FOR E-8B			44.2	30.1	16.1	17.2	24.2	25.4	
			TOTAL FOR E-8B			44.2	30.1	16.1	17.2	24.2	25.4	

Totals may not add due to rounding.

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P-1M MODIFICATION REPORT - 99 PB

<u>AIRCRAFT</u>	<u>CLASS</u>	<u>MOD NR</u>	<u>MODIFICATION TITLE</u>	<u>FY-97</u>	<u>FY-98</u>	<u>FY-99</u>	<u>FY-00</u>	<u>FY-01</u>	<u>FY-02</u>	<u>FY-03</u>	<u>COST TO GO</u>	<u>TOTAL PROG.</u>
H-1	P-S	99999A	LOW COST SAFETY MODI	0.9		0.1	0.3	0.0	0.5	0.5		2.4
	CLASS P-S		TOTAL FOR H-1	0.9		0.1	0.3	0.0	0.5	0.5		
	P	3149T	TRAFFIC ALERT & COLL		2.6			12.3	2.4	2.4		19.7
		3150	NAVSTAR GLOBAL POSIT		0.0	0.8						3.8
		8432	INTEGRATED DATA ACQU	2.7		1.0						9.6
		ODDS	OIL DEBRIS DETECTION		0.8							0.8
		T8123	FLEXPLATE MAIN DRIVE	5.1								11.0
		Z88888	REPROGRAMMINGS		0.1							0.1
	CLASS P		TOTAL FOR H-1	7.8	3.5	1.8		12.3	2.4	2.4		
TOTAL FOR H-1				8.7	3.5	1.9	0.3	12.3	2.9	2.9		

Totals may not add due to rounding.

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P-1M MODIFICATION REPORT - 99 PB

<u>AIRCRAFT</u>	<u>CLASS</u>	<u>MOD NR</u>	<u>MODIFICATION TITLE</u>	<u>FY-97</u>	<u>FY-98</u>	<u>FY-99</u>	<u>FY-00</u>	<u>FY-01</u>	<u>FY-02</u>	<u>FY-03</u>	<u>COST TO GO</u>	<u>TOTAL PROG.</u>
MH-60	P	8254	ALTITUDE HOLD AND HO		1.0							8.0
		8258	AN/AAQ-16B FLIR	5.3							39.3	55.1
		ARR	701C ENGINE AND GEAR		9.8	14.0						23.8
		T8130	HH-60G RETROFIT	0.4							0.3	17.3
		T8179	VHF AM/FM ANTENNA RE	0.2								1.5
		T8415	UPGRADE		5.3	3.3	10.8	19.6	28.3	28.1	88.5	184.0
		Z88888	REPROGRAMMINGS	0.1	0.3							0.1
	CLASS P		TOTAL FOR MH-60	6.0	16.5	17.2	10.8	19.6	28.3	28.1	128.2	
	TOTAL FOR MH-60			6.0	16.5	17.2	10.8	19.6	28.3	28.1	128.2	

Totals may not add due to rounding.

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P-1M MODIFICATION REPORT - 99 PB

AIRCRAFT	CLASS	MOD NR	MODIFICATION TITLE	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	COST TO GO	TOTAL PROG.
OTHER	P-S	99999A	LOW COST SAFETY MODI					0.0	0.2	0.2		0.5
	CLASS P-S		TOTAL FOR OTHER					0.0	0.2	0.2		
	P	10611C	CARA	1.9								143.5
		13614B	ALE-40 DEFICIENCIES		1.7							50.4
		14212B	SUPPORT EQUIPMENT UP					0.0	0.1	0.1	5.1	14.8
		3150E9	NAVSTAR GPS (E-9)	0.1		0.1						0.2
		3429	A/B SINGARS AJ COMM		0.5							49.7
		99999J	MISCELLANEOUS LOW CO		0.0		0.1	0.1	0.1	0.1		3.1
		99999V	MISCELLANEOUS LOW CO	0.8	0.0	0.0	0.0					1.0
		CMWS	COMMON MISSILE WARNI		0.0		27.1	49.4	72.9	100.0	200.0	449.4
		F16HTS	HARM TARGETING SYSTE		11.9	6.1	0.1					20.2
		GANSPO	GLOBAL ACCESS, NAVIG		1.8							1.8
		T8137	UHF SATCOM/ANDVT/DAM	21.1	14.7	10.4	25.5	35.2	81.5	101.5	415.7	717.0
		T8174	HF MODERNIZATION	1.7	2.4	1.1	0.7					21.4
		TRAIN	TACTICAL AIR FORCE -	0.1								0.1
		Z88888	REPROGRAMMINGS	0.1	0.7							1.1
		_Y0SOI	VHF RADIO UPGRADE TO					3.0	2.1	1.1		6.3
	CLASS P		TOTAL FOR OTHER	25.8	33.7	17.7	53.5	87.8	156.7	202.7	620.8	
	TOTAL FOR OTHER			25.8	33.7	17.7	53.5	87.9	156.9	202.9	620.8	

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P-1M MODIFICATION REPORT - 99 PB

<u>AIRCRAFT</u>	<u>CLASS</u>	<u>MOD NR</u>	<u>MODIFICATION TITLE</u>	<u>FY-97</u>	<u>FY-98</u>	<u>FY-99</u>	<u>FY-00</u>	<u>FY-01</u>	<u>FY-02</u>	<u>FY-03</u>	<u>COST TO GO</u>	<u>TOTAL PROG.</u>
CLASSI	P	1001	COMPASS CALL	3.0	7.2	7.5	7.6	7.8	8.2	8.4		173.8
		Z88888	REPROGRAMMINGS		0.2							0.7
	CLASS P		TOTAL FOR CLASSI	3.0	7.4	7.5	7.6	7.8	8.2	8.4		
	TOTAL FOR CLASSI			3.0	7.4	7.5	7.6	7.8	8.2	8.4		

Totals may not add due to rounding.

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P-1M MODIFICATION REPORT - 99 PB

<u>AIRCRAFT</u>	<u>CLASS</u>	<u>MOD NR</u>	<u>MODIFICATION TITLE</u>	<u>FY-97</u>	<u>FY-98</u>	<u>FY-99</u>	<u>FY-00</u>	<u>FY-01</u>	<u>FY-02</u>	<u>FY-03</u>	<u>COST TO GO</u>	<u>TOTAL PROG.</u>
DARP	P	3009R	REENGINE	99.0		57.3			121.6	186.0		510.4
		4263	RIVET JOINT	65.3	129.5	64.5	65.7	65.0	59.6	57.8		507.3
		4265	COMBAT SENT	1.0	5.7	7.8	8.2	7.5	8.6	9.2		48.0
		4480	FLEET EXPANSION	41.7								41.7
		4485	RC-135 SENSOR MODIFI	10.0								10.0
		4486	U-2 REPAIRS	3.9								3.9
		4487	SR-71	9.0								9.0
		4488	U-2 SYERS	10.0								10.0
		4489	U-2 SENSOR CONVERSIO	37.7								37.7
		4493	U-2 POWER			9.6	9.5	9.5	9.5	9.5	1.5	49.2
		Z88888	REPROGRAMMINGS		2.8							
	CLASS P		TOTAL FOR DARP	277.6	138.0	139.2	83.5	82.0	199.3	262.5	1.5	
	TOTAL FOR DARP			277.6	138.0	139.2	83.5	82.0	199.3	262.5	1.5	

Totals may not add due to rounding.

UNCLASSIFIED

BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)								DATE FEBRUARY 1998
APPROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT AF/AIRCRAFT MODIFICATIONS				P-1 ITEM NOMENCLATURE: B-2A				
	1997	1998	1999	2000	2001	2002	2003	
COST (In Mil)	\$9.369	\$13.543	\$15.681	\$21.023	\$13.167	\$15.859	\$9.971	

This line item funds modifications to the B-2 aircraft. The B-2 is a multi-engine, long range bomber incorporating low-observable ("stealth") technology, enabling it to penetrate enemy air defenses and strike high-value targets. The overall goal of the modifications budgeted in FY99 is to standardize aircraft configuration essentially resulting in 21 "Block 30" B-2 aircraft. The specific modifications budgeted and programmed are below.

CLASS	MOD NR	MODIFICATION TITLE	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	COST TO GO	TOTAL PROG.
P	110001	CONTRAIL MANAGEMENT	0.5	0.4	0.6						17.4
	110002	GFP COMSEC EQUIPMENT CHANGE	0.1								0.5
	110005	MILSTAR UHF			0.1						6.5
	110006	ZSR-63 - BAND 4	0.1	0.1	0.1						25.7
	110007	BRU-44A/A BOMB RACK R&M I	3.8		1.6	0.6					6.0
	110008	DISK DRIVE UNIT (DDU)	0.3	0.2	0.3						16.6
	110009	JASSM					4.3	4.2			8.5
	110010	GPS-AIDED TARGETING SYSTEM	0.2								4.7
	110011	POST BLOCK 30 UPDATES				7.0	6.9	7.7	7.7	9.9	39.2
	110012	SPARE COMPONENT UPGRADES	2.1	9.0	11.1	12.5					60.6
	110014	COMMON LOW OBSERVABLE RADAR (C					1.5	2.9	1.5		5.9
	3150	NAVSTAR GLOBAL POSITIONING SYS	1.1								4.4
	99999U	LOW COST RETROFIT MODS	0.7	0.4		0.3	0.3				3.9
	99999X	LOW COST MODIFICATIONS	0.4	0.2	0.4	0.1	0.1	0.8	0.1	1.3	8.3
	Z88888	REPROGRAMMINGS		0.3							0.3
	_RXGX0	JACK PAD LO MAINTAINABILITY DE		1.2	0.7	0.4	0.1				2.4
	_YSY1M	CREW ENTRY DOOR LO DESIGN IMPR		1.8	0.8	0.3					3.0
	_ZXLRY	ACES II						0.4	0.6	0.4	1.4
	CLASS P	TOTAL FOR B-2	9.4	13.5	15.7	21.0	13.2	15.9	10.0	11.7	
	TOTAL FOR B-2		9.4	13.5	15.7	21.0	13.2	15.9	10.0	11.7	

Totals may not add due to rounding.

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*** UNCLASSIFIED ***

DATE 01/26/98

MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB

MODIFICATION TITLE AND NO: CONTRAIL MANAGEMENT MN-110001

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC B-2 CLASS P

MODELS OF AIRCRAFT AFFECTED: B-2

CENTER: ASC

PE 0101127F TEAM POWER

DESCRIPTION/JUSTIFICATION: Contrail Management System consists of a unique set of integrated technologies for the weapon system to enhance its survivability and support operational requirements of the user. This mod is essential to B-2 baseline aircraft.

AIRCRAFT BREAKDOWN: Active -- 13 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: Critical Design Review completed Nov 94. Flight test completed Jun 97.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)		41.8		2.9		0.9						
PROCUREMENT (3010)												
INSTALL KITS	13	2.6										
KITS NONRECUR		0.4										
EQUIPMENT (13)		9.5										
EQUIP NONREC		2.1										
CHANGE ORDERS												
DATA		0.8										
SIM/TRAINER												
SUPPORT-EQUIP												
INSTALLATION OF HARDWARE												
FY-95 5 KITS (3)		0.5	(2)	0.4								
FY-96 8 KITS (1)			(1)	0.2	(4)	0.4	(3)	0.6				
TOTAL INSTALL QTY/COST	3	0.5	3	0.5	4	0.4	3	0.6				
TOTAL COST (BP-1100)	13	15.9		0.5		0.4		0.6				

(TOTALS MAY NOT ADD DUE TO ROUNDING.)

METHOD OF IMPLEMENTATION: INSTALLATION -- CONTRACTOR FACILITY

INITIAL LEAD TIME -- 15 MONTHS

FOLLOW-ON LEAD TIME -- 15 MONTHS

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*** UNCLASSIFIED ***

FACT SHEET: B-2 MN-110001 CONTRAIL MANAGEMENT (CONTINUED)
 PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)								
PROCUREMENT (3010)								
INSTALL KITS							13	2.6
KITS NONRECUR								0.4
EQUIPMENT								9.5
EQUIP NONREC								2.1
CHANGE ORDERS								
DATA								0.8
SIM/TRAINER								
SUPPORT-EQUIP								
INSTALLATION OF HARDWARE								
FY-95 5 KITS							(5)	0.9
FY-96 8 KITS							(8)	1.1
TOTAL INSTALL QTY/COST							13	2.0
TOTAL COST (BP-1100)							13	17.4
(TOTALS MAY NOT ADD DUE TO ROUNDING.)								
MILESTONES								
	FY-93	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00
CONTRACT-DATE (QTR/FY)			1/95	1/96				
DELIVERY-DATE (QTR/FY)			3/96	2/97				
INSTALLATION SCHEDULE:	FY-93		FY-94		FY-95		FY-96	FY-97
QUARTERS	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4
INPUT							1 2	1 1
OUTPUT								1 1
INSTALLATION SCHEDULE:	FY-98		FY-99		FY-00			
QUARTERS	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4			
INPUT	2 1 1	2 1	2 1					
OUTPUT	1 1 1 1	2 1 2	1 1 1					

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DATE 01/26/98

MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB

MODIFICATION TITLE AND NO: ZSR-63 - BAND 4 MN-110006

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC B-2 CLASS P

MODELS OF AIRCRAFT AFFECTED: B-2

CENTER: ASC

PE 0101127F TEAM POWER

DESCRIPTION/JUSTIFICATION: Adds the Band 4 frequency extension to the existing ZSR-63 Radar Warning Receiver to accomplish threat emitter detection, identification and location. All 13 kits were procured at one time (w/ storage cost included) to save \$20M+ and reduce hardware/software risks due to high percentage of commonality to other mods taking place in the defensive management suite. This is an essential modification to the B-2 baseline aircraft. The configuration established during Apr 91 4-Star Summit and SECAF approved subsequent Block 10/20/30 procurement strategy. Deleting this mod degrades Block 30 baseline capability and planned aircraft configuration.

AIRCRAFT BREAKDOWN: Active -- 13 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: Flight test completed May 97.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)		103.5										
PROCUREMENT (3010)												
INSTALL KITS	13	9.1										
KITS NONRECUR		0.9										
EQUIPMENT (13)		12.6										
EQUIP NONREC		1.5										
CHANGE ORDERS		1.2										
DATA												
SIM/TRAINER												
SUPPORT-EQUIP												
INSTALLATION OF HARDWARE												
FY-95 13 KITS (3)		0.2	(3)	0.1	(4)	0.1	(3)	0.1				
TOTAL INSTALL QTY/COST	3	0.2	3	0.1	4	0.1	3	0.1				
TOTAL COST (BP-1100)	13	25.4		0.1		0.1		0.1				
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION -- CONTRACTOR FACILITY												
INITIAL LEAD TIME -- 18 MONTHS						FOLLOW-ON LEAD TIME -- 18 MONTHS						

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FACT SHEET: B-2 MN-110006 ZSR-63 - BAND 4 (CONTINUED)
 PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)								
PROCUREMENT (3010)								
INSTALL KITS							13	9.1
KITS NONRECUR								0.9
EQUIPMENT								12.6
EQUIP NONREC								1.5
CHANGE ORDERS								1.2
DATA								
SIM/TRAINER								
SUPPORT-EQUIP								
INSTALLATION OF HARDWARE								
FY-95 13 KITS							(13)	0.4
TOTAL INSTALL QTY/COST							13	0.4
TOTAL COST (BP-1100)							13	25.7
(TOTALS MAY NOT ADD DUE TO ROUNDING.)								
MILESTONES								
	FY-93	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00
CONTRACT-DATE (QTR/FY)			2/95					
DELIVERY-DATE (QTR/FY)			3/96					
INSTALLATION SCHEDULE:	FY-93		FY-94		FY-95		FY-96	FY-97
QUARTERS	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4
INPUT							1 2	1 1
OUTPUT								1 1
INSTALLATION SCHEDULE:	FY-98		FY-99		FY-00			
QUARTERS	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4			
INPUT		2 1 1	2 1					
OUTPUT	1 1 1 1		2 1 2		1 1 1			

*** UNCLASSIFIED ***

DATE 01/26/98

MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB

MODIFICATION TITLE AND NO: BRU-44A/A BOMB RACK R&M I MN-110007

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC B-2 CLASS P

MODELS OF AIRCRAFT AFFECTED: B-2

CENTER: ASC

PE 0101127F TEAM POWER

DESCRIPTION/JUSTIFICATION: Incorporates a mod kit with the updated BRU-44B/A configuration into 226 existing bomb racks for use on the rotary launcher assembly to meet ACC conventional weapon delivery R&M requirements.

DEVELOPMENT STATUS: A Critical Design Review was completed Jan 97. Qualification testing was successfully completed Oct 97.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)		2.0		1.5								
PROCUREMENT (3010)												
INSTALL KITS			226	3.8								
KITS NONRECUR												
EQUIPMENT												
EQUIP NONREC												
CHANGE ORDERS												
DATA												
SIM/TRAINER												
SUPPORT-EQUIP												
OTHER												
INSTALLATION OF HARDWARE												
FY-97 226 KITS							(168)	1.6	(58)	0.6		
TOTAL INSTALL QTY/COST							168	1.6	58	0.6		
TOTAL COST (BP-1100)			226	3.8				1.6		0.6		
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION -- CONTRACTOR FACILITY												
INITIAL LEAD TIME -- 18 MONTHS						FOLLOW-ON LEAD TIME -- 18 MONTHS						

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FACT SHEET: B-2 MN-110007 BRU-44A/A BOMB RACK R&M I (CONTINUED)
 PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL		
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	
RDT&E (3600)									
PROCUREMENT (3010)									
INSTALL KITS							226	3.8	
KITS NONRECUR									
EQUIPMENT									
EQUIP NONREC									
CHANGE ORDERS									
DATA									
SIM/TRAINER									
SUPPORT-EQUIP									
OTHER									
INSTALLATION OF HARDWARE									
FY-97 226 KITS							(226)	2.2	
TOTAL INSTALL QTY/COST							226	2.2	
TOTAL COST (BP-1100)							226	6.0	
(TOTALS MAY NOT ADD DUE TO ROUNDING.)									
MILESTONES									
	FY-96	FY-97	FY-98	FY-99	FY-00				
CONTRACT-DATE (QTR/FY)		2/97							
DELIVERY-DATE (QTR/FY)		2/99							
INSTALLATION SCHEDULE:	FY-96		FY-97		FY-98		FY-99		FY-00
QUARTERS	1 2 3 4		1 2 3 4		1 2 3 4		1 2 3 4		1 2 3 4
INPUT							24 72 72 58		
OUTPUT							24 72 72 58		

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 *** UNCLASSIFIED ***

*** UNCLASSIFIED ***

DATE 01/26/98

MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB

MODIFICATION TITLE AND NO: DISK DRIVE UNIT (DDU) MN-110008

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC B-2 CLASS P

MODELS OF AIRCRAFT AFFECTED: B-2

CENTER: ASC

PE 0101127F TEAM POWER

DESCRIPTION/JUSTIFICATION: The DDU is a console-mounted radiation hardened data storage system based on magneto-optic read/write storage tech. It replaces the Mission Data Entry Unit (MDEU) to take advantage of significantly advanced tech, greater storage capacity, & faster access w/same or reduced size cartridges. Kit purchases were economically ordered to avoid a 40% cost increase and cause extensive time delays due to requalification requirements. This mod is essential to the B-2 baseline aircraft. This configuration was established during the Apr 91 4-star summit and SECAF approved subsequent procurement strategy. Deleting this mod degrades Block 30 baseline capability and planned aircraft configuration.

AIRCRAFT BREAKDOWN: Active -- 13 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: FY95 & FY96 R&D accomplished onboard testing and did not affect design configuration.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)		45.9										
PROCUREMENT (3010)												
INSTALL KITS	13	3.3										
KITS NONRECUR		0.2										
EQUIPMENT (13)		9.9										
EQUIP NONREC		1.0										
CHANGE ORDERS												
DATA		1.0										
SIM/TRAINER												
SUPPORT-EQUIP		0.3										
INSTALLATION OF HARDWARE												
FY-94 5 KITS (3)		0.2	(2)	0.2								
FY-95 8 KITS (1)		0.1	(4)	0.2	(3)	0.3						
TOTAL INSTALL QTY/COST	3	0.2	3	0.3	4	0.2	3	0.3				
TOTAL COST (BP-1100)	13	15.8		0.3		0.2		0.3				

(TOTALS MAY NOT ADD DUE TO ROUNDING.)

METHOD OF IMPLEMENTATION: INSTALLATION -- CONTRACTOR FACILITY

INITIAL LEAD TIME -- 24 MONTHS

FOLLOW-ON LEAD TIME -- 24 MONTHS

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FACT SHEET: B-2 MN-110008 DISK DRIVE UNIT (DDU) (CONTINUED)
 PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL		
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	
RDT&E (3600)									
PROCUREMENT (3010)									
INSTALL KITS							13	3.3	
KITS NONRECUR								0.2	
EQUIPMENT								9.9	
EQUIP NONREC								1.0	
CHANGE ORDERS									
DATA								1.0	
SIM/TRAINER									
SUPPORT-EQUIP								0.3	
INSTALLATION OF HARDWARE									
FY-94 5 KITS							(5)	0.4	
FY-95 8 KITS							(8)	0.6	
TOTAL INSTALL QTY/COST							13	1.0	
TOTAL COST (BP-1100)							13	16.6	
(TOTALS MAY NOT ADD DUE TO ROUNDING.)									
MILESTONES									
	FY-92	FY-93	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00
CONTRACT-DATE (QTR/FY)			3/94	1/95					
DELIVERY-DATE (QTR/FY)			2/96	2/97					
INSTALLATION SCHEDULE:	FY-92		FY-93		FY-94		FY-95		FY-96
QUARTERS	1 2 3 4		1 2 3 4		1 2 3 4		1 2 3 4		1 2 3 4
INPUT									1 2
OUTPUT									
INSTALLATION SCHEDULE:	FY-97		FY-98		FY-99		FY-00		
QUARTERS	1 2 3 4		1 2 3 4		1 2 3 4		1 2 3 4		
INPUT	1	1	1	1	1	2	1		
OUTPUT		1	1	1	1	2	1	2	1 1 1

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DATE 01/26/98

MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC B-2 CLASS P

MODIFICATION TITLE AND NO: SPARE COMPONENT UPGRADES MN-110012

MODELS OF AIRCRAFT AFFECTED: B-2

CENTER: ASC

PE 0101127F TEAM POWER

DESCRIPTION/JUSTIFICATION: Upgrades current B-2 spare component and support equipment inventory to support the continued increased capability of B-2 aircraft coming from the production line. Failure to retrofit the spare components and support equipment will make the aircraft at Whiteman AFB unsupportable in accordance with the B-2 Essential Employment Capabilities (EEC) .

DEVELOPMENT STATUS: Development done under Northrop EMD contract. F33657-87-C0067.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS												
KITS NONRECUR												
EQUIPMENT												
EQUIP NONREC												
CHANGE ORDERS												
DATA												
SIM/TRAINER												
SUPPORT-EQUIP												
MOD OF SPARES	(665)	26.0	(52)	2.1	(225)	9.0	(271)	11.1	(301)	12.5		
INSTALLATION OF HARDWARE												
TOTAL INSTALL QTY/COST												
TOTAL COST (BP-1100)		26.0		2.1		9.0		11.1		12.5		
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION -- CONTRACTOR FACILITY												
INITIAL LEAD TIME -- 3 MONTHS						FOLLOW-ON LEAD TIME -- 3 MONTHS						

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FACT SHEET: B-2 MN-110012 SPARE COMPONENT UPGRADES (CONTINUED)
 PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)								
PROCUREMENT (3010)								
INSTALL KITS								
KITS NONRECUR								
EQUIPMENT								
EQUIP NONREC								
CHANGE ORDERS								
DATA								
SIM/TRAINER								
SUPPORT-EQUIP								60.6
MOD OF SPARES								
INSTALLATION OF HARDWARE								
TOTAL INSTALL QTY/COST								
TOTAL COST (BP-1100)								60.6
(TOTALS MAY NOT ADD DUE TO ROUNDING.)								
MILESTONES								
	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00		
CONTRACT-DATE (QTR/FY)	3/96	3/96		1/98	1/99	1/00		
DELIVERY-DATE (QTR/FY)	4/96	4/96		2/98	2/99	2/00		

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)								DATE FEBRUARY 1998	
APPROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT AF/AIRCRAFT MODIFICATIONS					P-1 ITEM NOMENCLATURE: B-1B				
	1997	1998	1999	2000	2001	2002	2003		
COST (In Mil)	\$90.524	\$111.689	\$91.614	\$116.086	\$96.458	\$161.037	\$122.247		

This line item funds modifications to the B-1B aircraft. The B-1 is a multi-engine, supersonic, long range bomber capable of delivering nuclear or conventional munitions. The overall goal of the modifications budgeted in FY99 is to increase conventional weapons capabilities and improve reliability and maintainability. The specific modifications budgeted and programmed are below.

CLASS	MOD NR	MODIFICATION TITLE	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	COST TO GO	TOTAL PROG.
P-S	10407A	AFT DC POWER UPGRADE	7.5	7.4	5.1	2.5					44.5
	99999A	LOW COST SAFETY MODIFICATIONS							0.1	2.3	2.5
		CLASS P-S TOTAL FOR B-1	7.5	7.4	5.1	2.6			0.1	2.3	
P	3150-R	NAVSTAR GPS - COMM UPGRADE (A/	31.5	47.7	11.4	35.5					129.5
	4165	EMERGENCY RESTRAINT RELEASE	0.2	0.2	0.2	0.2	0.2				1.0
	4252	AVIONICS COMPUTERS				8.4	21.9	44.2	49.4	46.3	170.3
	4253	JDAM/1760 CONVENTIONAL ENHANCE	12.4	12.9	30.6	21.8	8.1				93.3
	4256	DEFENSIVE SYSTEM UPGRADE PROGR					2.1	40.6	59.0	251.6	353.3
	4273	JSOW INTEGRATION						2.1			2.1
	4274	JASSM INTEGRATION						10.2			10.2
	4298	GENERATOR CONTROL UNIT REDESIG	5.7	2.7	0.2	0.6					11.5
	4300	CONVENTIONAL BOMB MODULE MODIF	1.1								19.9
	5013	RF TOWED DECOY SYSTEMS	3.7	21.8	33.1	39.1	38.1	31.9	5.5	13.6	204.2
	5047	SIMULATOR UPDATES	6.7	1.8			10.0				37.1
	5048	WIND CORRECTED MUNITIONS DISPE				3.8	9.2	23.4	0.6	0.4	37.5
	5050	BAND 8 BEAM STEERING	0.7								0.7
	5051	INTERFEROMETER RCVR BAND REJEC	0.9	0.6							1.5
	5052	WAVEFORM GENERATOR EEPROMS	0.7	0.3	0.3						5.2
	5055	INTEGRATED DEFENSIVE ELECTRONI					6.9	8.6	7.5	25.5	48.4
	82U800	1122 IMPROVEMENT	3.3	1.7							43.0
	99999X	LOW COST MODIFICATIONS		0.4					0.1	2.4	3.0
	T4251D	LANCER 101D	6.0								26.4
	T4251E	LANCER 101E	10.2	11.9	10.6	4.0					36.7
	Z88888	REPROGRAMMINGS		2.3							2.9
		CLASS P TOTAL FOR B-1	83.0	104.3	86.5	113.5	96.5	161.0	122.1	339.8	
		TOTAL FOR B-1	90.5	111.7	91.6	116.1	96.5	161.0	122.2	342.1	

Totals may not add due to rounding.

	P-1 SHOPP LIST ITEM NO. 026	PAGE NO.	59
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MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE

MODIFICATION TITLE AND NO: AFT DC POWER UPGRADE MN-10407A

CLC B-1 CLASS P-S

MODELS OF AIRCRAFT AFFECTED: B-1B

CENTER: ASC

PE 0101126F TEAM POWER

DESCRIPTION/JUSTIFICATION: B-1 aircraft periodically experience electrical buss failure and subsequent rapid discharge of the aircraft aft battery, which results in a safety of flight condition. The aircraft requires modification to provide redundant power to the aft and fwd DC power busses & replacement of the current NICAD battery which has low reliability. Kit quantities do not match aircraft quantities due to loss of one aircraft Sep 97.

AIRCRAFT BREAKDOWN: Active -- 78 RES -- 0 ANG -- 16

DEVELOPMENT STATUS: Complete.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS	57	6.1	23	1.6	15	1.3						
KITS NONRECUR		0.7										
EQUIPMENT	(57)	3.9	(23)	0.8	(15)	0.7						
EQUIP NONREC		1.6										
CHANGE ORDERS												
DATA		0.8		0.1						1.1		
SIM/TRAINER		1.4										
SUPPORT-EQUIP		0.7										
MOD OF SPARES	(29)	0.5	(5)	0.1	(5)	0.4		0.1				
OGC						0.1						
INSTALLATION OF HARDWARE												
FY-94 11 KITS	(11)	2.4										
FY-95 23 KITS	(16)	3.9	(7)	1.6								
FY-96 23 KITS			(15)	3.3	(8)	1.7						
FY-97 23 KITS					(15)	3.2	(8)	2.2				
FY-98 15 KITS							(10)	2.8	(5)	1.4		
TOTAL INSTALL QTY/COST	27	6.3	22	4.9	23	4.9	18	5.0	5	1.4		
TOTAL COST (BP-1100)	57	22.0	23	7.5	15	7.4		5.1		2.5		
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT												
INITIAL LEAD TIME -- 15 MONTHS						FOLLOW-ON LEAD TIME -- 15 MONTHS						

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FACT SHEET: B-1 MN-10407A AFT DC POWER UPGRADE
 PROJECTED FINANCIAL PLAN (CONTINUED)

(CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)								
PROCUREMENT (3010)								
INSTALL KITS							95	9.0
KITS NONRECUR								0.7
EQUIPMENT								5.4
EQUIP NONREC								1.6
CHANGE ORDERS								
DATA								2.0
SIM/TRAINER								1.4
SUPPORT-EQUIP								0.7
MOD OF SPARES								1.1
OGC								0.1
INSTALLATION OF HARDWARE								
FY-94 11 KITS							(11)	2.4
FY-95 23 KITS							(23)	5.5
FY-96 23 KITS							(23)	5.0
FY-97 23 KITS							(23)	5.4
FY-98 15 KITS							(15)	4.2
TOTAL INSTALL QTY/COST							95	22.6
TOTAL COST (BP-1100)							95	44.5
(TOTALS MAY NOT ADD DUE TO ROUNDING.)								
MILESTONES								
	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	
CONTRACT-DATE (QTR/FY)	2/94	1/95	1/96	1/97	1/98			
DELIVERY-DATE (QTR/FY)	3/95	2/96	2/97	2/98	2/99			
INSTALLATION SCHEDULE:	FY-94		FY-95			FY-96		FY-97
QUARTERS	1 2 3 4		1 2 3 4			1 2 3 4		1 2 3 4
INPUT				1	3 4	6 5 8	5 5 6 6	6 6 6 5
OUTPUT					1 3	4 6 5	7 6 5 6	6 6 6 6
INSTALLATION SCHEDULE:	FY-99		FY-00					
QUARTERS	1 2 3 4		1 2 3 4					
INPUT	5 4 4 5		4 1					
OUTPUT	5 5 4 4		5 4 1					

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MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC B-1 CLASS P

MODIFICATION TITLE AND NO: NAVSTAR GPS - COMM UPGRADE (A/J RADIO) MN-3150-R

MODELS OF AIRCRAFT AFFECTED: B-1B

CENTER: ASC

PE 0101126F TEAM POWER

DESCRIPTION/JUSTIFICATION: This modification improves the B-1's conventional mission effectiveness by upgrading the communications and navigational systems via the integration / installation of a Miniaturized Airborne Global Positioning System Receiver and an anti-jam radio. The GPS navigation system provides the ability to operate worldwide in all weather conditions with highly accurate, jam-resistant, 3-dimensional position, velocity and time data; increases weapon delivery accuracy; and provides required interfaces for GPS-aided munitions (i.e., JDAM & JSOW). The communications upgrade portion of the modification installs an anti-jam UHF/VHF/SINGCARS radio with SATCOM and voice only Demand Assigned Multiple Access (DAMA) capability to allow the aircraft to communicate with the force package when operating in hostile airspace. GPS/Comm components are priced as single kits and installs. The retrofit of the two test aircraft will be field-level installation in FY99.
AIRCRAFT BREAKDOWN: Active -- 78 RES -- 0 ANG -- 16

DEVELOPMENT STATUS: DT&E began 1 Aug 97. EMD costs for JDAM/1760 and GPS/comm are estimated as a single program, so they cannot be separated reasonably. GPS Group B orders are put on contract in Jan of each year by the GPS-JPO. Delivery dates reflect total kit (Group A & B) lead times.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)		249.1		95.4		70.6		1.9				
PROCUREMENT (3010)												
INSTALL KITS	2	0.7	28	12.0	64	15.6						
KITS NONRECUR		0.6										
EQUIPMENT (2)		0.8	(28)	14.4	(64)	21.1						
EQUIP NONREC		0.7										
CHANGE ORDERS				1.0		3.5						
DATA						0.2		0.2		0.5		
SIM/TRAINER						3.0						
SUPPORT-EQUIP				0.2								
GFE		0.1		1.6		3.7						
INSTALLATION OF HARDWARE												
FY-96 2 KITS (1)		0.4			(1)	0.5						
FY-97 28 KITS			(6)	2.4			(22)	11.2				
FY-98 64 KITS									(62)	35.0		
TOTAL INSTALL QTY/COST	1	0.4	6	2.4	1	0.5	22	11.2	62	35.0		
TOTAL COST (BP-1100)	2	3.4	28	31.5	64	47.7		11.4		35.5		
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION -- COMBINATION												
INITIAL LEAD TIME -- 21 MONTHS					FOLLOW-ON LEAD TIME -- 18 MONTHS							

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FACT SHEET: B-1 MN-3150-R NAVSTAR GPS - COMM UPGRADE (A/J RADIO) (CONTINUED)
 PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)								
PROCUREMENT (3010)								
INSTALL KITS							94	28.3
KITS NONRECUR								0.6
EQUIPMENT								36.3
EQUIP NONREC								0.7
CHANGE ORDERS								4.4
DATA								0.9
SIM/TRAINER								3.0
SUPPORT-EQUIP								0.2
GFE								5.4
INSTALLATION OF HARDWARE								
FY-96 2 KITS							(2)	0.9
FY-97 28 KITS							(28)	13.6
FY-98 64 KITS							(62)	35.0
TOTAL INSTALL QTY/COST							92	49.5
TOTAL COST (BP-1100)							94	129.5
(TOTALS MAY NOT ADD DUE TO ROUNDING.)								

MILESTONES

	FY-93	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01
CONTRACT-DATE (QTR/FY)				3/96	2/97	2/98			
DELIVERY-DATE (QTR/FY)				1/98	3/98	4/99			

INSTALLATION SCHEDULE:

	FY-98				FY-99				FY-00				FY-01			
QUARTERS	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
INPUT	1		2	5		2	8	12	15	17	17	13				
OUTPUT			1		4	3		11	11	18	17	17	6	4		

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DATE 01/26/98

MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE

MODIFICATION TITLE AND NO: JDAM/1760 CONVENTIONAL ENHANCEMENTS MN-4253

CLC B-1 CLASS P

MODELS OF AIRCRAFT AFFECTED: B-1B

CENTER: ASC

PE 0101126F TEAM POWER

DESCRIPTION/JUSTIFICATION: This modification procures 126 launcher conversion kits to integrate Joint Direct Attack Munitions (JDAM) onto the B-1B aircraft. JDAM is the first Mil-Std-1760 weapon planned for the B-1, so the mod reduces future weapons integration costs by providing the Mil-Std-1760 interface equipment for the B-1B now for JDAM and future 1760-type weapons (i.e., WCMD and JSOW). The first three kits (FY96) are kit-proof units; the remaining 123 kits will be delivered to ACC for field-level installation on existing launchers in the inventory.

AIRCRAFT BREAKDOWN: Active -- 78 RES -- 0 ANG -- 16

DEVELOPMENT STATUS: DT&E began 1 Aug 97. Safe separation flight testing started in FY96. Note: EMD costs for JDAM/1760 and GPS/Comm were estimated as a single program, so they cannot be separated reasonably. The total EMD cost is shown on the GPS/Comm P-3 (Mod # 3150-R).

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS	6	0.3	18	1.2	19	0.8	47	1.5	27	0.9	9	0.3
KITS NONRECUR		0.2										
EQUIPMENT	(6)	2.4	(18)	10.1	(19)	10.7	(47)	26.5	(27)	16.9	(9)	6.1
EQUIP NONREC		1.7										
CHANGE ORDERS		0.7		1.1		0.8		1.2		1.5		1.5
DATA						0.2		0.5		0.3		0.2
SIM/TRAINER												
SUPPORT-EQUIP		2.3				0.4		0.9		2.2		
GFE												
TOTAL COST (BP-1100)	6	7.5	18	12.4	19	12.9	47	30.6	27	21.8	9	8.1

(TOTALS MAY NOT ADD DUE TO ROUNDING.)

METHOD OF IMPLEMENTATION: INSTALLATION -- ORG/INTERMEDIATE

INITIAL LEAD TIME -- 21 MONTHS

FOLLOW-ON LEAD TIME -- 18 MONTHS

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FACT SHEET: B-1 MN-4253 JDAM/1760 CONVENTIONAL ENHANCEMENTS (CONTINUED)
 PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)								
PROCUREMENT (3010)								
INSTALL KITS							126	5.0
KITS NONRECUR								0.2
EQUIPMENT								72.7
EQUIP NONREC								1.7
CHANGE ORDERS								6.7
DATA								1.2
SIM/TRAINER								
SUPPORT-EQUIP								5.7
GFE								
TOTAL COST (BP-1100)							126	93.3
(TOTALS MAY NOT ADD DUE TO ROUNDING.)								
MILESTONES								
	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01		
CONTRACT-DATE (QTR/FY)	3/96	2/97	3/98	1/99	1/00	1/01		
DELIVERY-DATE (QTR/FY)	3/98	1/99	2/00	4/00	4/01	4/02		

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DATE 01/26/98

MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB

MODIFICATION TITLE AND NO: GENERATOR CONTROL UNIT REDESIGN MN-4298

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC B-1 CLASS P

MODELS OF AIRCRAFT AFFECTED: B-1B

CENTER: ASC

PE 0101126F TEAM POWER

DESCRIPTION/JUSTIFICATION: The electrical power generator and distribution system generates and distributes AC/DC power and provides control, monitor and protection functions. The Generator Control Unit (GCU) controls a regulator that provides +15V DC for 9 of 10 printed wire assembly (PWA) boards in the GCU. Loss of this regulator results in loss of proper monitoring and protection. This will ultimately result in degraded primary AC bus voltage which degrades aircraft system performance and will jeopardize safety of aircraft and crew. A redesigned circuit would provide an automatic trip of the Generator Line Contactor (GLC) in event of loss of the +15V DC supply. Implementation of this circuit would eliminate the aforementioned problems. This is a safety mod.

AIRCRAFT BREAKDOWN: Active -- 78 RES -- 0 ANG -- 16

DEVELOPMENT STATUS: Complete.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS	46	2.2	5	1.3	43	1.7						
KITS NONRECUR												
EQUIPMENT												
EQUIP NONREC												
CHANGE ORDERS												
DATA				1.9		0.1				0.4		
SIM/TRAINER												
SUPPORT-EQUIP				1.3								
MOD OF SPARES	(15)	0.2	(57)	1.2	(47)	0.8						
OGC												
INSTALLATION OF HARDWARE												
FY-96 46 KITS					(1)		(45)	0.2				
FY-97 5 KITS							(2)		(3)			
FY-98 43 KITS									(43)	0.2		
TOTAL INSTALL QTY/COST					1		47	0.2	46	0.2		
TOTAL COST (BP-1100)	46	2.4	5	5.7	43	2.7		0.2		0.6		
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT												
INITIAL LEAD TIME -- 14 MONTHS						FOLLOW-ON LEAD TIME -- 14 MONTHS						

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FACT SHEET: B-1 MN-4298 GENERATOR CONTROL UNIT REDESIGN (CONTINUED)
 PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL		
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	
RDT&E (3600)									
PROCUREMENT (3010)									
INSTALL KITS							94	5.2	
KITS NONRECUR									
EQUIPMENT									
EQUIP NONREC									
CHANGE ORDERS									
DATA								2.4	
SIM/TRAINER									
SUPPORT-EQUIP								1.3	
MOD OF SPARES								2.2	
OGC								0.0	
INSTALLATION OF HARDWARE									
FY-96 46 KITS							(46)	0.2	
FY-97 5 KITS							(5)	0.0	
FY-98 43 KITS							(43)	0.2	
TOTAL INSTALL QTY/COST							94	0.4	
TOTAL COST (BP-1100)							94	11.5	
(TOTALS MAY NOT ADD DUE TO ROUNDING.)									
MILESTONES									
	FY-96	FY-97	FY-98	FY-99	FY-00				
CONTRACT-DATE (QTR/FY)	1/97	1/97	2/98						
DELIVERY-DATE (QTR/FY)	2/98	2/98	3/99						
INSTALLATION SCHEDULE:	FY-96		FY-97		FY-98		FY-99		FY-00
QUARTERS	1 2 3 4		1 2 3 4		1 2 3 4		1 2 3 4		1 2 3 4
INPUT					1		11 36 36		10
OUTPUT					1		11 36 36		10

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DATE 01/26/98

MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC B-1 CLASS P

MODIFICATION TITLE AND NO: CONVENTIONAL BOMB MODULE MODIFICATION MN-4300

MODELS OF AIRCRAFT AFFECTED: B-1B

CENTER: ASC

PE 0101126F TEAM POWER

DESCRIPTION/JUSTIFICATION: Modification procures kits to convert 50 of the existing MK-82 (500 pound class weapons), 28 station conventional bomb modules to carry ten 1000 pound class weapons, of various sizes, to include Cluster Bomb Units (CBU). This effort also provides for future growth weapons capability by added structure enhancements and provisions for later Mil-Std 1760 wiring incorporation. This modification will enhance the conventional capability of the aircraft and allow it to perform assigned missions / responsibilities.

AIRCRAFT BREAKDOWN: Active -- 78 RES -- 0 ANG -- 16

DEVELOPMENT STATUS: Complete.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)		29.1										
PROCUREMENT (3010)												
INSTALL KITS												
KITS NONRECUR												
EQUIPMENT	50	18.3										
EQUIP NONREC												
CHANGE ORDERS												
DATA												
SIM/TRAINER												
SUPPORT-EQUIP												
INSTALLATION OF HARDWARE												
FY-95 21 KITS (15)		0.4	(6)	0.2								
FY-96 29 KITS (29)				0.9								
TOTAL INSTALL QTY/COST	15	0.4	35	1.1								
TOTAL COST (BP-1100)	50	18.7		1.1								
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT												
INITIAL LEAD TIME -- 8 MONTHS						FOLLOW-ON LEAD TIME -- 8 MONTHS						

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FACT SHEET: B-1 MN-4300 CONVENTIONAL BOMB MODULE MODIFICATION (CONTINUED)
 PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)								
PROCUREMENT (3010)								
INSTALL KITS								
KITS NONRECUR							50	18.3
EQUIPMENT								
EQUIP NONREC								
CHANGE ORDERS								
DATA								
SIM/TRAINER								
SUPPORT-EQUIP								
INSTALLATION OF HARDWARE								
FY-95 21 KITS							(21)	0.7
FY-96 29 KITS							(29)	0.9
TOTAL INSTALL QTY/COST							50	1.6
TOTAL COST (BP-1100)							50	19.9
(TOTALS MAY NOT ADD DUE TO ROUNDING.)								
MILESTONES								
	FY-93	FY-94	FY-95	FY-96	FY-97			
CONTRACT-DATE (QTR/FY)			3/95	1/96				
DELIVERY-DATE (QTR/FY)			2/96	4/96				
INSTALLATION SCHEDULE:	FY-93		FY-94		FY-95		FY-96	
QUARTERS	1 2 3 4		1 2 3 4		1 2 3 4		1 2 3 4	
INPUT							2 5 8 8	9 15 3
OUTPUT							1 4 8 8	8 15 6

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MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC B-1 CLASS P

MODIFICATION TITLE AND NO: RF TOWED DECOY SYSTEMS MN-5013

MODELS OF AIRCRAFT AFFECTED: B-1B

CENTER: ASC

PE 0207442F TEAM INFO

DESCRIPTION/JUSTIFICATION: This modification installs the Navy AN/ALE-50(V)-1 Towed Decoy System (TDS) on the B-1B. The major components of the TDS include 2 launcher controllers, 2 launchers with magazines and canisters, and 8 AN/ALE-50 decoy rounds. These assets will be provided as GFP to Boeing North American, the TDS integrator. TDS will employ the AN/ALE-50 as a repeater decoy to improve the survivability of the B-1B against radar directed threat systems. Funding does not include decoy rounds. FY96 funds were congressionally reprogrammed for program acceleration. In keeping with Congressional intent, these kits will be installed with FY96 funds. FY97 funds for the kit proof kit which was awarded before the FY96 acceleration. P3I will replace launchers & controllers with improved versions. P3I production will begin by ECP in FY00.

AIRCRAFT BREAKDOWN: Active -- 78 RES -- 0 ANG -- 16

DEVELOPMENT STATUS: Contractor EMD for Group A and B CFE began 3/95. MS III is planned for 1/98. Kit proof procured 2/97, installation begins 1/98. Production contract planned 5/98. Production installation 5/99.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)				24.1		3.2						
PROCUREMENT (3010)												
INSTALL KITS	7	6.3	1	1.9	12	11.3	17	16.6	19	19.0	18	18.4
KITS NONRECUR												
EQUIPMENT	(7)	4.5	(1)	1.3	(12)	7.6	(17)	12.9	(19)	14.1	(18)	13.2
EQUIP NONREC												
CHANGE ORDERS		3.8		0.1		2.5		1.2		2.7		2.9
DATA												
SIM/TRAINER												
SUPPORT-EQUIP				0.4								
TRAINING												
PMA						0.3		0.3		0.3		0.3
INSTALLATION OF HARDWARE												
FY-96 7 KITS	(7)	2.6										
FY-97 1 KITS					(1)	0.2						
FY-98 12 KITS							(12)	2.0				
FY-99 17 KITS									(17)	3.0		
FY-00 19 KITS											(19)	3.3
FY-01 18 KITS												
FY-02 13 KITS												
FY-04 7 KITS												
TOTAL INSTALL QTY/COST	7	2.6			1	0.2	12	2.0	17	3.0	19	3.3
TOTAL COST (BP-1100)	7	17.3	1	3.7	12	21.8	17	33.1	19	39.1	18	38.1

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FACT SHEET: B-1 MN-5013 RF TOWED DECOY SYSTEMS
PROJECTED FINANCIAL PLAN (CONTINUED)

(CONTINUED)

(TOTALS MAY NOT ADD DUE TO ROUNDING.)

METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT

INITIAL LEAD TIME -- 14 MONTHS

FOLLOW-ON LEAD TIME -- 14 MONTHS

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FACT SHEET: B-1 MN-5013 RF TOWED DECOY SYSTEMS
 PROJECTED FINANCIAL PLAN (CONTINUED)

(CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)								
PROCUREMENT (3010)								
INSTALL KITS	13	13.6			7	5.3	94	92.4
KITS NONRECUR	(13)	10.6			(7)	3.5		67.8
EQUIPMENT								
EQUIP NONREC								
CHANGE ORDERS		4.1		2.0		2.7		22.1
DATA								0.2
SIM/TRAINER								
SUPPORT-EQUIP								0.4
TRAINING								0.1
PMA		0.3		0.3		0.6		2.3
INSTALLATION OF HARDWARE								
FY-96 7 KITS							(7)	2.6
FY-97 1 KITS							(1)	0.2
FY-98 12 KITS							(12)	2.0
FY-99 17 KITS							(17)	3.0
FY-00 19 KITS							(19)	3.3
FY-01 18 KITS	(18)	3.3					(18)	3.3
FY-02 13 KITS			(13)	3.2			(13)	3.2
FY-04 7 KITS					(7)	1.4	(7)	1.4
TOTAL INSTALL QTY/COST	18	3.3	13	3.2	7	1.4	94	19.0
TOTAL COST (BP-1100)	13	31.9		5.5	7	13.6	94	204.2

(TOTALS MAY NOT ADD DUE TO ROUNDING.)

MILESTONES

	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	FY-04	FY-05	FY-06
CONTRACT-DATE (QTR/FY)	3/97	3/97	1/98	1/99	1/00	1/01	1/02		1/04		
DELIVERY-DATE (QTR/FY)	3/98	3/98	2/99	2/00	2/01	2/02	2/03		2/05		

INSTALLATION SCHEDULE:	FY-96				FY-97				FY-98				FY-99				FY-00			
QUARTERS	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
INPUT										3	5			3	4	5		5	6	6
OUTPUT													3	5			3	4	5	5

INSTALLATION SCHEDULE:	FY-01				FY-02				FY-03				FY-04				FY-05			
QUARTERS	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
INPUT		6	6	7		6	6	6		4	5	4						3	4	
OUTPUT	6	6	6	6	6	7			6	6	6	4	5	4						3

INSTALLATION SCHEDULE:	FY-06			
QUARTERS	1	2	3	4
INPUT				
OUTPUT	4			

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DATE 01/26/98

MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB

MODIFICATION TITLE AND NO: SIMULATOR UPDATES MN-5047

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC B-1 CLASS P

MODELS OF AIRCRAFT AFFECTED: B-1B

CENTER: ASC

PE 0101126F TEAM POWER

DESCRIPTION/JUSTIFICATION: This modification provides hardware and software updates to the training system to reflect the aircraft configuration. FY98 funds purchase a computational system upgrade to the Maintenance Training Equipment (MTE) and FY97 funds purchase a computational system upgrade to the Cockpit Procedures Trainer (CPT). These upgrades will expand memory and spare time in both devices to accommodate Block D upgrades. The FY00 funds are for a computational system upgrade to the weapon system trainer (flight simulator). Without these upgrades, the trainers cannot be modified to reflect the conventional mission upgrades being accomplished on the aircraft.

AIRCRAFT BREAKDOWN: Active -- 78 RES -- 0 ANG -- 16

DEVELOPMENT STATUS: No development.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS												
KITS NONRECUR												
EQUIPMENT												
EQUIP NONREC												
CHANGE ORDERS												
DATA												
SIM/TRAINER		18.6		6.7		1.8						10.0
SUPPORT-EQUIP												
INSTALLATION OF HARDWARE												
TOTAL INSTALL QTY/COST												
TOTAL COST (BP-1100)		18.6		6.7		1.8						10.0
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT FIELD TEAM												
INITIAL LEAD TIME -- 15 MONTHS					FOLLOW-ON LEAD TIME -- 15 MONTHS							

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FACT SHEET: B-1 MN-5047 SIMULATOR UPDATES (CONTINUED)
 PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)								
PROCUREMENT (3010)								
INSTALL KITS								
KITS NONRECUR								
EQUIPMENT								
EQUIP NONREC								
CHANGE ORDERS								
DATA								0.0
SIM/TRAINER								37.1
SUPPORT-EQUIP								
INSTALLATION OF HARDWARE								
TOTAL INSTALL QTY/COST								
TOTAL COST (BP-1100)								37.1
(TOTALS MAY NOT ADD DUE TO ROUNDING.)								
MILESTONES								
	FY-93	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00
CONTRACT-DATE (QTR/FY)	2/94	2/94	2/95		2/97	2/98		2/00
DELIVERY-DATE (QTR/FY)	3/95	3/95	3/96		3/98	3/99		3/01

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DATE 01/26/98

MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB

MODIFICATION TITLE AND NO: 1122 IMPROVEMENT MN-82U800

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC B-1 CLASS P

MODELS OF AIRCRAFT AFFECTED: B-1B

CENTER: ASC

PE 0101126F TEAM POWER

DESCRIPTION/JUSTIFICATION: Improves the 1122 technique beyond the current baseline. Includes frequency extension, multiple point threat handling capability, and improved power handling. Planned FY97 and FY98 kit buys were cancelled. FY98 funds are to install the last of the kits procured in FY96.

AIRCRAFT BREAKDOWN: Active -- 78 RES -- 0 ANG -- 16

DEVELOPMENT STATUS: Development complete.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS	63	22.5										
KITS NONRECUR		5.9										
EQUIPMENT												
EQUIP NONREC												
CHANGE ORDERS												
DATA		1.7										
SIM/TRAINER												
SUPPORT-EQUIP		1.5		1.2								
MOD OF SPARES		0.1										
CONT LIAB		0.5										
INSTALLATION OF HARDWARE												
FY-92 1 KITS (1)		0.3										
FY-93 15 KITS (15)		3.2										
FY-95 32 KITS (18)		2.4	(14)	1.8								
FY-96 15 KITS (2)		0.3	(13)	1.7								
TOTAL INSTALL QTY/COST	34	5.9	16	2.0	13	1.7						
TOTAL COST (BP-1100)	63	38.1		3.3		1.7						

(TOTALS MAY NOT ADD DUE TO ROUNDING.)

METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT

INITIAL LEAD TIME -- 18 MONTHS

FOLLOW-ON LEAD TIME -- 18 MONTHS

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FACT SHEET: B-1 MN-82U800 1122 IMPROVEMENT
 PROJECTED FINANCIAL PLAN (CONTINUED)

(CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)								
PROCUREMENT (3010)								
INSTALL KITS							63	22.5
KITS NONRECUR								5.9
EQUIPMENT								
EQUIP NONREC								
CHANGE ORDERS								
DATA								1.7
SIM/TRAINER								
SUPPORT-EQUIP								2.7
MOD OF SPARES								0.1
CONT LIAB								0.5
INSTALLATION OF HARDWARE								
FY-92 1 KITS							(1)	0.3
FY-93 15 KITS							(15)	3.2
FY-95 32 KITS							(32)	4.2
FY-96 15 KITS							(15)	1.9
TOTAL INSTALL QTY/COST							63	9.6
TOTAL COST (BP-1100)							63	43.0
(TOTALS MAY NOT ADD DUE TO ROUNDING.)								
MILESTONES								
	FY-92	FY-93	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99
CONTRACT-DATE (QTR/FY)	4/92	3/93		1/95	1/96			
DELIVERY-DATE (QTR/FY)	2/94	1/95		3/96	3/97			
INSTALLATION SCHEDULE:	FY-92		FY-93		FY-94		FY-95	FY-96
QUARTERS	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4
INPUT	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4
OUTPUT	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4
INSTALLATION SCHEDULE:	FY-97		FY-98		FY-99			
QUARTERS	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4			
INPUT	3 4 7 2	3 8 1 1	3 8 1 1	3 8 1 1	3 8 1 1			
OUTPUT	8 3 4 7	2 3 8 1	2 3 8 1	2 3 8 1	2 3 8 1			

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MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB

MODIFICATION TITLE AND NO: LANCER 101D MN-T4251D

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC B-1 CLASS P

MODELS OF AIRCRAFT AFFECTED: B-1B

CENTER: ASC

PE 0101126F TEAM POWER

DESCRIPTION/JUSTIFICATION: Corrects F101 engine problems that are high maintenance hour and future NMC drivers by modifying: high turbine FWO
outer seal, thrust control actuator, turbine frame oil tube, VSV rigging, power managed aft control, front frame, and low pressure turbine
stage 2 blades.

AIRCRAFT BREAKDOWN: Active -- 78 RES -- 0 ANG -- 16

DEVELOPMENT STATUS: N/A.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS												
KITS NONRECUR												
EQUIPMENT	393	20.3	56	6.0	5							
EQUIP NONREC												
CHANGE ORDERS												
DATA		0.1										
SIM/TRAINER												
SUPPORT-EQUIP												
TOTAL COST (BP-1100)	393	20.4	56	6.0	5							
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION -- ORG/INTERMEDIATE												
INITIAL LEAD TIME -- 12 MONTHS						FOLLOW-ON LEAD TIME -- 12 MONTHS						

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FACT SHEET: B-1 MN-T4251D LANCER 101D
 PROJECTED FINANCIAL PLAN (CONTINUED)

(CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)								
PROCUREMENT (3010)								
INSTALL KITS								
KITS NONRECUR								
EQUIPMENT							454	26.4
EQUIP NONREC								
CHANGE ORDERS								
DATA								0.1
SIM/TRAINER								
SUPPORT-EQUIP								
TOTAL COST (BP-1100)							454	26.4
(TOTALS MAY NOT ADD DUE TO ROUNDING.)								
MILESTONES								
	FY-95	FY-96	FY-97	FY-98				
	-----	-----	-----	-----				
CONTRACT-DATE (QTR/FY)	2/95	1/96	1/97	1/98				
DELIVERY-DATE (QTR/FY)	2/96	1/97	1/98	1/99				

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MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB
MODIFICATION TITLE AND NO: LANCER 101E MN-T4251E

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC B-1 CLASS P

MODELS OF AIRCRAFT AFFECTED: B-1B

CENTER: ASC

PE 0101126F TEAM POWER

DESCRIPTION/JUSTIFICATION: Corrects F-101 engine deficiencies in the Central Integrated Test System (CITS) processor and fuel/lube tube fittings to reduce or eliminate future Not Mission Capable (NMC) problem areas. This mod also incorporates the newly developed ruggedized fan blade upgrade. Kits will be installed under the engine overhaul program on engines cycling through depot within the required time-frame. Installation of other kits will be at organizational level.
AIRCRAFT BREAKDOWN: Active -- 78 RES -- 0 ANG -- 16

DEVELOPMENT STATUS: N/a

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS			135	10.2	168	11.9	120	10.6	47	4.0		
KITS NONRECUR												
EQUIPMENT												
EQUIP NONREC												
CHANGE ORDERS												
DATA												
SIM/TRAINER												
SUPPORT-EQUIP												
OGC												
INSTALLATION OF HARDWARE												
FY-97 135 KITS												
FY-98 168 KITS												
FY-99 120 KITS												
FY-00 47 KITS												
TOTAL INSTALL QTY/COST												
TOTAL COST (BP-1100)			135	10.2	168	11.9	120	10.6	47	4.0		
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT OVERHAUL												
INITIAL LEAD TIME -- 6 MONTHS						FOLLOW-ON LEAD TIME -- 12 MONTHS						

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FACT SHEET: B-1 MN-T4251E LANCER 101E
 PROJECTED FINANCIAL PLAN (CONTINUED)

(CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)								
PROCUREMENT (3010)								
INSTALL KITS							470	36.6
KITS NONRECUR								
EQUIPMENT								
EQUIP NONREC								
CHANGE ORDERS								
DATA								0.0
SIM/TRAINER								
SUPPORT-EQUIP								
OGC								0.0
INSTALLATION OF HARDWARE								
FY-97 135 KITS								
FY-98 168 KITS								
FY-99 120 KITS								
FY-00 47 KITS								
TOTAL INSTALL QTY/COST								
TOTAL COST (BP-1100)							470	36.7
(TOTALS MAY NOT ADD DUE TO ROUNDING.)								
MILESTONES								
	FY-97	FY-98	FY-99	FY-00				
CONTRACT-DATE (QTR/FY)	1/97	1/98	1/99	1/00				
DELIVERY-DATE (QTR/FY)	3/97	1/99	1/00	1/01				

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)							DATE FEBRUARY 1998	
APPROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT AF/AIRCRAFT MODIFICATIONS				P-1 ITEM NOMENCLATURE: B-52				
	1997	1998	1999	2000	2001	2002	2003	
COST (In Mil)	\$20.157	\$38.428	\$38.308	\$27.793	\$69.448	\$35.416	\$6.458	

This line item funds modifications to the B-52H aircraft. The B-52H strategic bomber maintains nuclear and conventional taskings. The overall goal of the modifications budgeted in FY99 is to conventionally enhance 71 B-52H aircraft to replace the retired conventionally tasked B-52G aircraft. The specific modifications budgeted and programmed are below.

CLASS	MOD NR	MODIFICATION TITLE	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	COST TO GO	TOTAL PROG.
P	3150	NAVSTAR GLOBAL POSITIONING SYS	2.6	1.5	2.5						34.4
	3263	INTEGRATED CONV STORES MGMT SY	7.7	2.2	5.7	2.7	8.9			5.8	92.1
	3264	ELECTRO-OPTICAL VIEWING SYSTEM	0.1	2.8	5.9	3.0	2.4				14.1
	3308	VINSON		0.9			0.8	0.5			4.0
	4222	ARC-210 RADIO	0.6	5.1			5.6	1.8			28.7
	4260	ADVANCED WEAPON INTEGRATION	4.1	8.7	4.1	1.0					17.9
	4270	ECM IMPROVEMENT		2.4	5.0	17.1	51.6	33.2	6.5	1.0	116.8
	4371	GPS TACAN	5.0	10.9	14.3	3.9					34.1
	99999X	LOW COST MODIFICATIONS		0.2	0.8	0.1	0.1				1.6
	Z88888	REPROGRAMMINGS		3.7							3.6
	CLASS P	TOTAL FOR B-52	20.1	38.4	38.3	27.8	69.4	35.4	6.5	6.8	
	TOTAL FOR B-52		20.1	38.4	38.3	27.8	69.4	35.4	6.5	6.8	

Totals may not add due to rounding.

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MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC B-52 CLASS P

MODIFICATION TITLE AND NO: NAVSTAR GLOBAL POSITIONING SYSTEM MN-3150

MODELS OF AIRCRAFT AFFECTED: B-52H

CENTER: OC-ALC

PE 0101113F TEAM POWER

DESCRIPTION/JUSTIFICATION: Congressionally directed program, Navstar GPS provides worldwide three-dimensional positioning/navigation and precise weapons delivery for military aircraft. The first 10 kits were utilized from the B-52G GPS modification effort. Additionally, GPS LRUs were removed from the retiring G models, refurbished and installed on the H models. This supported the modification of 40 B-52H aircraft. Utilized for weapons delivery GPS is baselined with the Intergrated Conventional Stores Management System (ICSMS/3263) and AGM-142 missile currently being added to the B-52. FY99 Kit Production Leadtime is 9 months. Method of installation accomplished at Contractor Facility and Depot. Program complies with congressional mandate to modify "attrition Reserve" aircraft. Program approved by HQ USAF to use FY97 funding, that was on withhold, for FY98 installations.

AIRCRAFT BREAKDOWN: Active -- 70 RES -- 9 ANG -- 0

DEVELOPMENT STATUS: Development complete.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS	66	7.8	8	1.1	3	0.6	2	0.4				
KITS NONRECUR		3.9										
EQUIPMENT	(66)	4.1	(8)	0.9	(3)	0.6	(2)	0.6				
EQUIP NONREC												
CHANGE ORDERS		2.9										
DATA		2.7										
SIM/TRAINER	(6)	1.0										
SUPPORT-EQUIP		1.1										
INSTALLATION OF HARDWARE												
FY-92 24 KITS	(24)	2.0										
FY-94 34 KITS	(24)	2.4	(9)	0.6			(9)	0.7				
FY-95 8 KITS							(8)	0.7				
FY-97 8 KITS												
FY-98 3 KITS					(3)	0.2						
FY-99 2 KITS							(2)	0.2				
TOTAL INSTALL QTY/COST	48	4.4	9	0.6	3	0.2	19	1.6				
TOTAL COST (BP-1100)	66	27.9	8	2.6	3	1.5	2	2.5				

(TOTALS MAY NOT ADD DUE TO ROUNDING.)

METHOD OF IMPLEMENTATION: INSTALLATION -- COMBINATION

INITIAL LEAD TIME -- 15 MONTHS

FOLLOW-ON LEAD TIME -- 12 MONTHS

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FACT SHEET: B-52 MN-3150 NAVSTAR GLOBAL POSITIONING SYSTEM (CONTINUED)
 PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)								
PROCUREMENT (3010)								
INSTALL KITS							79	9.8
KITS NONRECUR								3.9
EQUIPMENT								6.2
EQUIP NONREC								2.9
CHANGE ORDERS								2.7
DATA								1.0
SIM/TRAINER								1.1
SUPPORT-EQUIP								
INSTALLATION OF HARDWARE								
FY-92 24 KITS							(24)	2.0
FY-94 34 KITS							(42)	3.8
FY-95 8 KITS							(8)	0.7
FY-97 8 KITS								
FY-98 3 KITS							(3)	0.2
FY-99 2 KITS							(2)	0.2
TOTAL INSTALL QTY/COST							79	6.9
TOTAL COST (BP-1100)							79	34.4
(TOTALS MAY NOT ADD DUE TO ROUNDING.)								

MILESTONES	FY-92	FY-93	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00
CONTRACT-DATE (QTR/FY)	1/92		2/94	2/95		1/98	1/98	1/99	
DELIVERY-DATE (QTR/FY)	1/92		2/95	2/96		1/99	1/99	4/99	
INSTALLATION SCHEDULE:	FY-92		FY-93		FY-94		FY-95		FY-96
QUARTERS	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4
INPUT	6 6 6 6		6				5 5 6 6		1 1
OUTPUT	6 6 6		6				5 5 6	6	1
INSTALLATION SCHEDULE:	FY-97		FY-98		FY-99		FY-00		
QUARTERS	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4		
INPUT		1	3 4 4		5 5 6 3				
OUTPUT	1		3 4 4		5 5 6 3				

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MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB

MODIFICATION TITLE AND NO: INTEGRATED CONV STORES MGMT SYS MN-3263

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC B-52 CLASS P

MODELS OF AIRCRAFT AFFECTED: B-52H

CENTER: OC-ALC

PE 0101113F TEAM POWER

DESCRIPTION/JUSTIFICATION: This program provides an Integrated Conventional Stores Management System (ICMS) using Military Standard 1760 specifications. The system is integrated into the offensive avionics system software and will enable the B-52 to carry, program, and launch new conventional weapons that are built to Military Standard 1760. FY93-FY98 uses excess B-52G group B kits for B-52H installation. This modification is baselined to the NAVSTAR GPS (MN# 3150), HAVE NAP (MN# 3375A), Harpoon (MN# 4258), and Advanced Weapon Integration (MN# 4260) modifications. The FY97 ECP funds mods to additional pylons to comply with Congressional mandate to modify Attrition Reserve aircraft.

AIRCRAFT BREAKDOWN: Active -- 70 RES -- 9 ANG -- 0

DEVELOPMENT STATUS: N/A

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS	66	15.6	13	3.6								
KITS NONRECUR		15.0										
EQUIPMENT		0.1	(13)	0.6								
EQUIP NONREC		2.4										
CHANGE ORDERS		0.6										
DATA		3.8						1.2				
SIM/TRAINER	(1)	1.8										
SUPPORT-EQUIP		10.8		0.9		1.9	(6)	1.8	(4)	1.6		
MISC		0.2						1.0				
ECP(PYLONS)			(13)	1.2							(20)	8.9
OGC								0.1				
INSTALLATION OF HARDWARE												
FY-93 9 KITS	(9)	3.5										
FY-94 38 KITS	(38)	5.3										
FY-95 19 KITS			(10)	1.4	(2)	0.3	(7)	0.9				
FY-97 13 KITS							(5)	0.7	(8)	1.2		
TOTAL INSTALL QTY/COST	47	8.8	10	1.4	2	0.3	12	1.6	8	1.2		
TOTAL COST (BP-1100)	66	59.1	13	7.7		2.2		5.7		2.7		8.9

(TOTALS MAY NOT ADD DUE TO ROUNDING.)

METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT

INITIAL LEAD TIME -- 6 MONTHS

FOLLOW-ON LEAD TIME -- 12 MONTHS

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FACT SHEET: B-52 MN-3263 INTEGRATED CONV STORES MGMT SYS (CONTINUED)
 PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)								
PROCUREMENT (3010)								
INSTALL KITS							79	19.2
KITS NONRECUR								15.0
EQUIPMENT								0.7
EQUIP NONREC								2.4
CHANGE ORDERS								0.6
DATA								5.0
SIM/TRAINER								1.8
SUPPORT-EQUIP								17.0
MISC								1.2
ECP(PYLONS)					(13)	5.8		15.9
OGC								0.1
INSTALLATION OF HARDWARE								
FY-93 9 KITS							(9)	3.5
FY-94 38 KITS							(38)	5.3
FY-95 19 KITS							(19)	2.6
FY-97 13 KITS							(13)	1.8
TOTAL INSTALL QTY/COST							79	13.3
TOTAL COST (BP-1100)							5.8	79
(TOTALS MAY NOT ADD DUE TO ROUNDING.)								92.1

MILESTONES

	FY-92	FY-93	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	FY-04
CONTRACT-DATE (QTR/FY)		1/93	2/94	2/95		2/98							1/04
DELIVERY-DATE (QTR/FY)		3/93	4/94	4/95		2/99							3/04
INSTALLATION SCHEDULE:	FY-92			FY-93			FY-94		FY-95			FY-96	
QUARTERS	1 2 3 4			1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	
INPUT				4	3	2	9	9	9	9	1	1	
OUTPUT				4	3		2	9	9	9	1	1	
INSTALLATION SCHEDULE:	FY-97			FY-98			FY-99		FY-00			FY-01	
QUARTERS	1 2 3 4			1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	
INPUT	1	1	3	3	4	4	4	4	3	2	2	1	
OUTPUT		1	1	3	3	4	4	4	4	3	2	2	1

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MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE

MODIFICATION TITLE AND NO: ELECTRO-OPTICAL VIEWING SYSTEM (EVS) MN-3264

CLC B-52 CLASS P

MODELS OF AIRCRAFT AFFECTED:

CENTER: OC-ALC

PE 0101113F TEAM POWER

DESCRIPTION/JUSTIFICATION: This unit combines the three high failure Electro-Optical Viewing System (EVS) Line Replaceable Units (LRUs) into one highly reliable unit. Mean time between failure of 4458 hours is expected versus the current 332 hours. Reduces internal LRU cards from 75 to 10. Improves EVS reliability and maintainability.

AIRCRAFT BREAKDOWN: Active -- 85 RES -- 9 ANG -- 0

DEVELOPMENT STATUS: N/A

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS				15		0.5		32		1.3		17
KITS NONRECUR			0.1									
EQUIPMENT				(15)		1.9		(32)		4.6		(17)
EQUIP NONREC										2.3		(15)
CHANGE ORDERS												
DATA												
SIM/TRAINER				(3)		0.3						
SUPPORT-EQUIP												
TOTAL COST (BP-1100)			0.1	15		2.8		32		5.9		17
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION -- ORG/INTERMEDIATE												
INITIAL LEAD TIME -- 12 MONTHS												
FOLLOW-ON LEAD TIME -- 12 MONTHS												

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FACT SHEET: B-52 MN-3264 ELECTRO-OPTICAL VIEWING SYSTEM (EVS) (CONTINUED)
 PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)								
PROCUREMENT (3010)								
INSTALL KITS							79	3.1
KITS NONRECUR								0.1
EQUIPMENT								10.6
EQUIP NONREC								0.0
CHANGE ORDERS								
DATA								
SIM/TRAINER								0.3
SUPPORT-EQUIP								
TOTAL COST (BP-1100)							79	14.1
(TOTALS MAY NOT ADD DUE TO ROUNDING.)								
MILESTONES								
	FY-97	FY-98	FY-99	FY-00	FY-01			
CONTRACT-DATE (QTR/FY)	2/98	2/98	2/99	2/00	2/01			
DELIVERY-DATE (QTR/FY)	2/99	2/99	2/00	2/01	2/02			

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DATE 01/26/98

MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB

MODIFICATION TITLE AND NO: ARC-210 RADIO MN-4222

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC B-52 CLASS P

MODELS OF AIRCRAFT AFFECTED: B-52H

CENTER: OC-ALC

PE 0101113F TEAM POWER

DESCRIPTION/JUSTIFICATION: Provides multipurpose radios for B-52H. Greatly improves frequency coverage and electronic countermeasures communications capability and improved flexibility and interoperability with other services, air traffic control centers, and allied forces. Will provide UHF/VHF voice AFSATCOM/maritime/HAVE QUICK capability. This radio is baseline to VINSON (MN# 3308). Demand assigned multiple access (DAMA) retrofit kits are being procured to modify Group B. DAMA retrofit method of installation is CFT.

AIRCRAFT BREAKDOWN: Active -- 85 RES -- 9 ANG -- 0

DEVELOPMENT STATUS: Complete

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS	47	1.9			18	1.5					29	2.5
KITS NONRECUR												
EQUIPMENT	(47)	4.3			(18)	1.9					(29)	3.1
EQUIP NONREC												
CHANGE ORDERS		1.0										
DATA		0.4				0.1						
SIM/TRAINER	(4)	1.6										
SUPPORT-EQUIP												
DAMA RETROFIT	(47)	4.8	(31)	0.6	(16)	0.5						
OGC												
INSTALLATION OF HARDWARE												
FY-92 11 KITS	(11)	0.3										
FY-93 36 KITS	(36)	1.3										
FY-98 18 KITS					(18)	1.0						
FY-01 29 KITS												
TOTAL INSTALL QTY/COST	47	1.6			18	1.0						
TOTAL COST (BP-1100)	47	15.6		0.6	18	5.1					29	5.6
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT/FIELD TEAM												
INITIAL LEAD TIME -- 9 MONTHS						FOLLOW-ON LEAD TIME -- 9 MONTHS						

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FACT SHEET: B-52 MN-4222 ARC-210 RADIO
 PROJECTED FINANCIAL PLAN (CONTINUED)

(CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL						
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT					
RDT&E (3600)													
PROCUREMENT (3010)													
INSTALL KITS							94	5.9					
KITS NONRECUR													
EQUIPMENT								9.3					
EQUIP NONREC													
CHANGE ORDERS								1.0					
DATA								0.5					
SIM/TRAINER								1.6					
SUPPORT-EQUIP													
DAMA RETROFIT								6.0					
OGC								0.1					
INSTALLATION OF HARDWARE													
FY-92 11 KITS							(11)	0.3					
FY-93 36 KITS							(36)	1.3					
FY-98 18 KITS							(18)	1.0					
FY-01 29 KITS (29)		1.8					(29)	1.8					
TOTAL INSTALL QTY/COST	29	1.8					94	4.4					
TOTAL COST (BP-1100)		1.8					94	28.7					
(TOTALS MAY NOT ADD DUE TO ROUNDING.)													
MILESTONES													
	FY-92	FY-93	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	
CONTRACT-DATE (QTR/FY)	1/92	1/93					2/98			2/01			
DELIVERY-DATE (QTR/FY)	3/92	3/93					1/99			1/02			
INSTALLATION SCHEDULE:	FY-92			FY-93			FY-94			FY-95		FY-96	
QUARTERS	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	
INPUT		5 6		18 18									
OUTPUT		5 6		18 18									
INSTALLATION SCHEDULE:	FY-97			FY-98			FY-99			FY-00		FY-01	
QUARTERS	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	
INPUT						5 5 5 3							
OUTPUT						5 5 5 3							
INSTALLATION SCHEDULE:	FY-02			FY-03									
QUARTERS	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4									
INPUT	8 7 7 7												
OUTPUT	8 7 7 7												

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MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE

MODIFICATION TITLE AND NO: ADVANCED WEAPON INTEGRATION MN-4260

CLC B-52 CLASS P

MODELS OF AIRCRAFT AFFECTED: B-52H

CENTER: OC-ALC

PE 0101113F TEAM POWER

DESCRIPTION/JUSTIFICATION: Modification integrates near-precision MIL-STD 1760 weapons onto the B-52H to include the Joint Direct Attack Munition (JDAM), Wind Corrected Munition Dispenser (WCMD), Joint Standoff Weapon (JSOW), and the Joint Air-to-Surface Stand-off Missile (JASSM). The modification includes suspension hardware, cables, and operational flight program software updates to provide Stores Management Overlays (SMO) for control and release of the integrated weapons. 54 shipsets of Stub Pylon/Heavy Stores Adapter Beams will be modified. The program will be accomplished in two phases. Phase I provides weapon suspension hardware and cables and SMOs for the JDAM and WCMD. Phase II provides the Standoff SMO for the JSOW and JASSM. This mod is baselined with ICSMS (MN# 3263) and GPS (MN# 3150).

AIRCRAFT BREAKDOWN: Active -- 54 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: Supporting EMD for the JDAM, WCMD, JSOW, and JASSM to include interface definition, SMO development and system level testing. Ground/Flight testing for JDAM and WCMD is in progress. Ground/flight testing for JSOW AND JASSM to begin 2QFY99. RDT&E funding is for software development and integration for the four weapons. Concurrency in the EMD and Production Phases is limited to the suspension hardware and umbilical cables. Suspension hardware design is complete and hardware has been fit checked with all AWI weapons. Umbilical cables are built to MIL-Std-1760. The hardware and cable design are stable and not affected by software development.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)		3.7				2.5		3.8				
PROCUREMENT (3010)												
INSTALL KITS												
KITS NONRECUR												
EQUIPMENT			6	4.0	27	8.6	21	3.4				
EQUIP NONREC												
CHANGE ORDERS												
DATA								0.5	1.0			
SIM/TRAINER				0.1								
SUPPORT-EQUIP												
SOFTWARE												
OGC						0.2		0.2				
TOTAL COST (BP-1100)			6	4.1	27	8.7	21	4.1		1.0		
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION -- ORG/INTERMEDIATE												
INITIAL LEAD TIME -- 12 MONTHS						FOLLOW-ON LEAD TIME -- 9 MONTHS						

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FACT SHEET: B-52 MN-4260 ADVANCED WEAPON INTEGRATION (CONTINUED)
 PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)								
PROCUREMENT (3010)								
INSTALL KITS								
KITS NONRECUR								
EQUIPMENT							54	16.0
EQUIP NONREC								
CHANGE ORDERS								
DATA								1.5
SIM/TRAINER								0.1
SUPPORT-EQUIP								
SOFTWARE								
OGC								0.3
TOTAL COST (BP-1100)							54	17.9
(TOTALS MAY NOT ADD DUE TO ROUNDING.)								
MILESTONES								
	FY-95	FY-96	FY-97	FY-98	FY-99			
CONTRACT-DATE (QTR/FY)			2/97	1/98	1/99			
DELIVERY-DATE (QTR/FY)			2/98	4/98	4/99			

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MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB

MODIFICATION TITLE AND NO: ECM IMPROVEMENT MN-4270

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC B-52 CLASS P

MODELS OF AIRCRAFT AFFECTED: B-52H

CENTER: OC-ALC

PE 0101113F TEAM POWER

DESCRIPTION/JUSTIFICATION: The ALQ-172 enhancement is an improvement to two of the common core Line Replaceable Units (LRUs). New circuit card with erasable proms and gate array modules are incorporated. Memory is increased approximately 400% and Mean-Time-Between-Failure (MTBF) is increased. This upgrade adds a new Control Display Unit (CDU) to enhance operator and maintenance capabilities.

AIRCRAFT BREAKDOWN: Active -- 62 RES -- 9 ANG -- 0

DEVELOPMENT STATUS: Complete

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)				5.2								
PROCUREMENT (3010)												
INSTALL KITS									15	2.4	30	4.5
KITS NONRECUR									(15)	9.8	(30)	19.5
EQUIPMENT												
EQUIP NONREC												
CHANGE ORDERS						2.0						
DATA										3.1		
SIM/TRAINER											(2)	5.7
SUPPORT-EQUIP											(12)	10.9
OGC						0.4		0.9		0.9		0.9
FLIGHT TEST								4.1				
MISC									(4)	1.0	(34)	8.5
INSTALLATION OF HARDWARE											(15)	1.7
FY-00 15 KITS												
FY-01 30 KITS												
FY-02 25 KITS												
FY-03 1 KITS												
TOTAL INSTALL QTY/COST											15	1.7
TOTAL COST (BP-1100)						2.4		5.0	15	17.1	30	51.6
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION --												
INITIAL LEAD TIME -- 9 MONTHS					FOLLOW-ON LEAD TIME -- 12 MONTHS							

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FACT SHEET: B-52 MN-4270 ECM IMPROVEMENT
 PROJECTED FINANCIAL PLAN (CONTINUED)

(CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)								
PROCUREMENT (3010)								
INSTALL KITS	25	3.8	1	0.2			71	10.8
KITS NONRECUR								
EQUIPMENT (25)		16.3						45.5
EQUIP NONREC								
CHANGE ORDERS								2.0
DATA		0.2						3.3
SIM/TRAINER								5.7
SUPPORT-EQUIP								10.9
OGC		0.7		0.9		0.8		5.5
FLIGHT TEST								4.1
MISC (37)		9.3	(10)	2.9				21.7
INSTALLATION OF HARDWARE								
FY-00 15 KITS							(15)	1.7
FY-01 30 KITS (30)		3.0					(30)	3.0
FY-02 25 KITS			(25)	2.5			(25)	2.5
FY-03 1 KITS					(1)	0.2	(1)	0.2
TOTAL INSTALL QTY/COST	30	3.0	25	2.5	1	0.2	71	7.4
TOTAL COST (BP-1100)	25	33.2	1	6.5		1.0	71	116.8

(TOTALS MAY NOT ADD DUE TO ROUNDING.)

MILESTONES

	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	FY-04
CONTRACT-DATE (QTR/FY)				2/00	1/01	1/02	1/03	
DELIVERY-DATE (QTR/FY)				1/01	1/02	1/03	1/04	
INSTALLATION SCHEDULE:	FY-97		FY-98		FY-99		FY-00	
QUARTERS	1 2 3 4		1 2 3 4		1 2 3 4		1 2 3 4	
INPUT							3	3 4 5
OUTPUT								3 3 4
INSTALLATION SCHEDULE:	FY-02		FY-03		FY-04			
QUARTERS	1 2 3 4		1 2 3 4		1 2 3 4			
INPUT	7 7 7 9		6 6 6 7		1			
OUTPUT	5 7 7 7		9 6 6 6		7 1			

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DATE 01/26/98

MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB

MODIFICATION TITLE AND NO: GPS TACAN MN-4371

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC B-52 CLASS P

MODELS OF AIRCRAFT AFFECTED: B-52H

CENTER: OC-ALC

PE 0101113F TEAM POWER

DESCRIPTION/JUSTIFICATION: GPS TACAN Replacement System (TRS) includes the installation of controls and displays, for situational awareness stations and installation of a Signal Data Converter (SDC) to interface with the current on board GPS system. GPS TACAN is basedlined with the GPS MOD (MN/3150) and ICSMS (mn/3263). Method of installation accomplished by Contractor Field Team and Depot: Contributing to cost variations in per kit installation cost. FY98 accelerated trial installation for AFMC aircraft. TRS incorporates the redesign of the GPS Group B Interface Unit (IU) in support of the 24 additional aircraft directed for GPS integration. The current IU has become unsupportable due to obsolete parts. The new Interface Unit will provide TACAN Emulation, AGM-142 capability, and support the current efforts of the Advance Weapons Integration Program (AWP), and the Wind Corrected Munitions Dispenser (WCMD). This capability will be extended to the additional 32 aircraft and includes retrofit of the current (47) GPS capable aircraft.
AIRCRAFT BREAKDOWN: Active -- 70 RES -- 9 ANG -- 0

DEVELOPMENT STATUS: COMPLETE

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)		8.7										
PROCUREMENT (3010)												
INSTALL KITS			8	1.0	33	2.8	32	2.0	5	0.1		
KITS NONRECUR			1	1.3								
EQUIPMENT			(8)	1.0	(33)	7.4	(32)	7.7	(5)	0.5		
EQUIP NONREC			(1)	1.8								
CHANGE ORDERS												
DATA												
SIM/TRAINER								1.5				
SUPPORT-EQUIP												
INSTALLATION OF HARDWARE												
FY-97 9 KITS					(1)	0.8	(8)	0.3				
FY-98 33 KITS							(29)	2.9	(4)	0.2		
FY-99 32 KITS									(32)	2.8		
FY-00 5 KITS									(5)	0.3		
TOTAL INSTALL QTY/COST					1	0.8	37	3.2	41	3.3		
TOTAL COST (BP-1100)			9	5.0	33	10.9	32	14.3	5	3.9		
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION -- COMBINATION												
INITIAL LEAD TIME -- 12 MONTHS						FOLLOW-ON LEAD TIME -- 12 MONTHS						

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FACT SHEET: B-52 MN-4371 GPS TACAN
 PROJECTED FINANCIAL PLAN (CONTINUED)

(CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)								
PROCUREMENT (3010)								
INSTALL KITS							78	5.8
KITS NONRECUR							1	1.3
EQUIPMENT								16.5
EQUIP NONREC								1.8
CHANGE ORDERS								
DATA								
SIM/TRAINER								1.5
SUPPORT-EQUIP								
INSTALLATION OF HARDWARE								
FY-97 9 KITS							(9)	1.1
FY-98 33 KITS							(33)	3.0
FY-99 32 KITS							(32)	2.8
FY-00 5 KITS							(5)	0.3
TOTAL INSTALL QTY/COST							79	7.3
TOTAL COST (BP-1100)							79	34.1
(TOTALS MAY NOT ADD DUE TO ROUNDING.)								
MILESTONES								
	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01		
CONTRACT-DATE (QTR/FY)		3/97	1/98	1/99	1/00			
DELIVERY-DATE (QTR/FY)		3/98	1/99	1/00	4/00			
INSTALLATION SCHEDULE:	FY-96		FY-97		FY-98		FY-99	FY-00
QUARTERS	1 2 3 4		1 2 3 4		1 2 3 4		1 2 3 4	1 2 3 4
INPUT					1		9 8 10 10	11 11 9 10
OUTPUT					1		9 8 10 10	11 11 11 9
INSTALLATION SCHEDULE:	FY-01							
QUARTERS	1 2 3 4							
INPUT								
OUTPUT	10							

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DATE 01/26/98

MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE

MODIFICATION TITLE AND NO: HIGH RELIABILITY BATTERY MN-49203B

CLC B-52 CLASS P

MODELS OF AIRCRAFT AFFECTED: B-52H

CENTER: OC-ALC

PE 0101113F TEAM POWER

DESCRIPTION/JUSTIFICATION: Low reliability and poor maintainability of the current battery system makes replacement necessary. Mod procures high reliability, maintenance free battery, aircraft battery chargers, and rotor support power adapters. Kits procured in FY91 and FY92 were installed using funding from the year procured in accordance with policy in effect at the time.

AIRCRAFT BREAKDOWN: Active -- 85 RES -- 9 ANG -- 0

DEVELOPMENT STATUS: Development complete.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS	94	0.8										
KITS NONRECUR	1	0.6										
EQUIPMENT (94)		4.5										
EQUIP NONREC (1)		1.0										
CHANGE ORDERS		1.2										
DATA		0.7										
SIM/TRAINER												
SUPPORT-EQUIP		1.2										
OGC												
INSTALLATION OF HARDWARE												
FY-91 34 KITS (34)		0.2										
FY-92 61 KITS (61)		0.4										
TOTAL INSTALL QTY/COST	95	0.6										
TOTAL COST (BP-1100)	95	10.7										
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT/FIELD TEAM												
INITIAL LEAD TIME -- 24 MONTHS					FOLLOW-ON LEAD TIME -- 24 MONTHS							

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FACT SHEET: B-52 MN-49203B HIGH RELIABILITY BATTERY (CONTINUED)
 PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL		
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	
RDT&E (3600)									
PROCUREMENT (3010)									
INSTALL KITS							94	0.8	
KITS NONRECUR							1	0.6	
EQUIPMENT								4.5	
EQUIP NONREC								1.0	
CHANGE ORDERS								1.2	
DATA								0.7	
SIM/TRAINER								1.2	
SUPPORT-EQUIP								0.0	
OGC								0.0	
INSTALLATION OF HARDWARE									
FY-91 34 KITS							(34)	0.2	
FY-92 61 KITS							(61)	0.4	
TOTAL INSTALL QTY/COST							95	0.6	
TOTAL COST (BP-1100)							95	10.7	
(TOTALS MAY NOT ADD DUE TO ROUNDING.)									
MILESTONES									
	FY-91	FY-92	FY-93	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99
CONTRACT-DATE (QTR/FY)	3/92	3/92							
DELIVERY-DATE (QTR/FY)	3/94	3/94							
INSTALLATION SCHEDULE:	FY-91		FY-92		FY-93		FY-94		FY-95
QUARTERS	1 2 3 4		1 2 3 4		1 2 3 4		1 2 3 4		1 2 3 4
INPUT	1 2 3 4		1 2 3 4		1 2 3 4		1 2 3 4		1 2 3 4
OUTPUT									
INSTALLATION SCHEDULE:	FY-96		FY-97		FY-98		FY-99		
QUARTERS	1 2 3 4		1 2 3 4		1 2 3 4		1 2 3 4		
INPUT	5 2 3		2 2 1 1		9 9 9 9		9 9 9 9		
OUTPUT	10 9 3 2		2 3 3 8		10 9 9 9				

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)							DATE FEBRUARY 1998	
APPROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT AF/AIRCRAFT MODIFICATIONS				P-1 ITEM NOMENCLATURE: F-117				
	1997	1998	1999	2000	2001	2002	2003	
COST (In Mil)	\$28.819	\$27.657	\$25.654	\$28.843	\$31.536	\$29.354	\$22.542	

This line item funds modifications to the F-117A aircraft. The F-117A is a twin engine, single seat fighter incorporating low-observable "stealth" technology, enabling it to penetrate enemy air defenses and strike high-value targets with precision munitions. The primary modification budgeted in FY99 is the Single Configuration Fleet program to standardize the radar absorbing material (RAM) for the entire fleet. Other modifications are budgeted to enhance operational capability while improving flight safety, reliability, and maintainability. The specific modifications budgeted and programmed are below.

CLASS	MOD NR	MODIFICATION TITLE	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	COST TO GO	TOTAL PROG.
P-S	99999A	LOW COST SAFETY MODIFICATIONS		0.8							2.3
		CLASS P-S TOTAL FOR F-117		0.8							
P	11324	PLATY BRICK/BLOCK REPLACEMENT	2.0	0.3							10.5
	11326	AP-102 COMPUTER MEMORY EXPANSI	2.9	3.0	0.2						23.6
	11331	STORES MANAGEMENT PROCESSOR UP				2.4	5.4	5.2	4.2		17.2
	11332	HIGH TEMPERATURE EDGES	4.5	0.3							18.8
	3150	NAVSTAR GLOBAL POSITIONING SYS	11.6	15.3	10.1	0.1					47.6
	31904	STEEL COMPRESSOR CASE		0.2	0.2	0.1					0.6
	31907	PARKING BRAKE SWITCH	0.7	0.2							2.6
	31927	OMNIBUS ENGINE MODIFICATIONS	0.4	1.1	1.0	1.5	1.9	0.6	0.1		6.5
	31929	ICING DETECTION AND PROTECTION	0.9	0.1							5.0
	31934	CREW EMERGENCY ESCAPE SYSTEM	0.1	0.1							1.1
	31936	REPLACE LIFE-LIMITED SKIN PANE			0.2	0.5	0.7	0.7	0.8		2.9
	31937	SINGLE CONFIGURATION FLEET			9.2	22.0	20.8	21.4	17.4	7.8	98.6
	31942	OZONE DEPLETING CHEMICAL REPLA		1.4	1.2	1.0	1.0	0.3			4.9
	31968	ENGINE ELECTRONIC CONTROL ASSE		0.7	1.1						1.8
	31969	FUEL QUANTITY PROCESSOR MODIFI								3.7	3.7
	99999S	SERVICE BULLETINS	1.7	2.7	2.4	1.1	1.6	1.1		0.4	17.3
	99999U	LOW COST RETROFIT MODS	1.7	0.9							6.7
	99999X	LOW COST MODIFICATIONS	2.3	0.1	0.1	0.1	0.1	0.1	0.1	0.1	8.7
	Z88888	REPROGRAMMINGS		0.6							0.8
		CLASS P TOTAL FOR F-117	28.8	26.9	25.7	28.8	31.5	29.4	22.5	12.0	
		TOTAL FOR F-117	28.8	27.7	25.7	28.8	31.5	29.4	22.5	12.0	

Totals may not add due to rounding.

	P-1 SHOPP LIST ITEM NO. 028	PAGE NO.	
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MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB

MODIFICATION TITLE AND NO: PLATY BRICK/BLOCK REPLACEMENT MN-11324

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC F-117 CLASS P

MODELS OF AIRCRAFT AFFECTED: F-117A

CENTER: SM-ALC

PE 0207141F TEAM POWER

DESCRIPTION/JUSTIFICATION: Funds installation of kits procured in APPN 3010/BP1900. FY92-95 BP1900 funding shown for information only. The current platy exhaust area is a high maintenance area requiring frequent repacking of the space between the ceramic bricks/blocks. Although the material is an excellent insulator, the heat that gets through causes long term damage to the underlying composite structure. This modification is being accomplished in conjunction with the High Temperature Edges modification (MN 11332), and is a depot driver modification for FY95-96. Aircraft lost during airshow already modified.

AIRCRAFT BREAKDOWN: Active -- 55 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: Complete. No RDT&E required.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS	55	6.5										
KITS NONRECUR	(1)	1.1										
EQUIPMENT												
EQUIP NONREC												
CHANGE ORDERS												
DATA		0.2										
SIM/TRAINER		0.5										
SUPPORT-EQUIP												
DEPOT PROCESS		6.4										
FLIGHT TEST		2.6										
BP19 FUNDED		-12.4										
INSTALLATION OF HARDWARE												
FY-92 55 KITS	(33)	3.3	(19)	2.0	(3)	0.3						
TOTAL INSTALL QTY/COST	33	3.3	19	2.0	3	0.3						
TOTAL COST (BP-1100)	55	8.2		2.0		0.3						
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION -- CLS												
INITIAL LEAD TIME -- 12 MONTHS						FOLLOW-ON LEAD TIME -- 12 MONTHS						

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FACT SHEET: F-117 MN-11324 PLATY BRICK/BLOCK REPLACEMENT (CONTINUED)
 PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)								
PROCUREMENT (3010)								
INSTALL KITS							55	6.5
KITS NONRECUR								1.1
EQUIPMENT								
EQUIP NONREC								
CHANGE ORDERS								
DATA								0.2
SIM/TRAINER								0.5
SUPPORT-EQUIP								
DEPOT PROCESS								6.4
FLIGHT TEST								2.6
BP19 FUNDED								-12.4
INSTALLATION OF HARDWARE								
FY-92 55 KITS							(55)	5.6
TOTAL INSTALL QTY/COST							55	5.6
TOTAL COST (BP-1100)							55	10.5
(TOTALS MAY NOT ADD DUE TO ROUNDING.)								
MILESTONES								
	FY-92	FY-93	FY-94	FY-95	FY-96	FY-97	FY-98	
CONTRACT-DATE (QTR/FY)	4/92							
DELIVERY-DATE (QTR/FY)	4/93							
INSTALLATION SCHEDULE:	FY-92		FY-93		FY-94			FY-95
QUARTERS	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4
INPUT						1		4 3 3 3
OUTPUT								5 5 4 5
								1 4 3 3
								3 5 5 4
INSTALLATION SCHEDULE:	FY-97		FY-98					
QUARTERS	1 2 3 4	1 2 3 4	1 2 3 4					
INPUT	5 4 5 5	3						
OUTPUT	5 5 4 5	5 3						

*** UNCLASSIFIED ***

DATE 01/26/98

MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB

MODIFICATION TITLE AND NO: AP-102 COMPUTER MEMORY EXPANSION MN-11326

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC F-117 CLASS P

MODELS OF AIRCRAFT AFFECTED: F-117A

CENTER: SM-ALC

PE 0207141F TEAM POWER

DESCRIPTION/JUSTIFICATION: The navigation and weapon computers have less than four percent spare memory after the release of OFP-55 (Aug 93). Until available memory is increased, corrections and/or improvements to the system requiring additional OFP software cannot be made. There are no Group A kits and three Group B kits per aircraft. This modification is fully integrated with the APPN 3010/BP1900 funded ring laser gyro navigation improvement program plus global positioning system (RNIP+). Procurement, delivery, and installation schedules are aligned with RNIP+ schedules. Items are currently in production and are readily available. Aircraft lost during airshow not modified. Kit buy affected by lost aircraft already negotiated - changing quantity would add cost and delay schedule.

AIRCRAFT BREAKDOWN: Active -- 54 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: Complete. No RDT&E required.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS												
KITS NONRECUR												
EQUIPMENT	72	3.7	51	2.0	33	1.3						
EQUIP NONREC	9	3.2										
CHANGE ORDERS												
DATA		1.1										
SIM/TRAINER		5.0										
SUPPORT-EQUIP		4.1				0.2						
MOD OF SPARES	(10)	0.5	(17)	0.7	(32)	1.3						
INSTALLATION OF HARDWARE												
FY-93 9 KITS	(9)											
FY-95 15 KITS			(15)	0.1								
FY-96 57 KITS			(42)	0.1	(15)	0.1						
FY-97 51 KITS					(36)	0.1	(15)	0.1				
FY-98 33 KITS							(33)	0.1				
TOTAL INSTALL QTY/COST	9		57	0.2	51	0.2	48	0.2				
TOTAL COST (BP-1100)	81	17.6	51	2.9	33	3.0		0.2				

(TOTALS MAY NOT ADD DUE TO ROUNDING.)

METHOD OF IMPLEMENTATION: INSTALLATION -- CLS

INITIAL LEAD TIME -- 18 MONTHS

FOLLOW-ON LEAD TIME -- 14 MONTHS

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FACT SHEET: F-117 MN-11326 AP-102 COMPUTER MEMORY EXPANSION (CONTINUED)
 PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)								
PROCUREMENT (3010)								
INSTALL KITS								
KITS NONRECUR								
EQUIPMENT							156	7.0
EQUIP NONREC							9	3.2
CHANGE ORDERS								
DATA								1.1
SIM/TRAINER								5.0
SUPPORT-EQUIP								4.3
MOD OF SPARES								2.5
INSTALLATION OF HARDWARE								
FY-93 9 KITS							(9)	0.0
FY-95 15 KITS							(15)	0.1
FY-96 57 KITS							(57)	0.2
FY-97 51 KITS							(51)	0.2
FY-98 33 KITS							(33)	0.1
TOTAL INSTALL QTY/COST							165	0.6
TOTAL COST (BP-1100)							165	23.6
(TOTALS MAY NOT ADD DUE TO ROUNDING.)								
MILESTONES								
CONTRACT-DATE (QTR/FY)	3/93		4/95	1/96	1/97	1/98		
DELIVERY-DATE (QTR/FY)	1/95		1/97	2/97	2/98	2/99		
INSTALLATION SCHEDULE:	FY-93		FY-94		FY-95		FY-96	FY-97
QUARTERS	1 2 3 4		1 2 3 4		1 2 3 4		1 2 3 4	1 2 3 4
INPUT	1 2 3 4		1 2 3 4		3 3 3		12 15 15 15	
OUTPUT					3 3 3		12 15 15	
INSTALLATION SCHEDULE:	FY-98		FY-99		FY-00			
QUARTERS	1 2 3 4		1 2 3 4		1 2 3 4			
INPUT	12 12 15 12		12 12 12 12		12 12			
OUTPUT	15 12 15 12		12 12 12 12		12 12			

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DATE 01/26/98

MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE

MODIFICATION TITLE AND NO: HIGH TEMPERATURE EDGES MN-11332

CLC F-117 CLASS P

MODELS OF AIRCRAFT AFFECTED: F-117A

CENTER: SM-ALC

PE 0207141F TEAM POWER

DESCRIPTION/JUSTIFICATION: The aircraft edges outboard and aft of the exhaust nozzle are subject to scorching and/or burning from hot gases. Two aircraft sustained fires when gases leaked through the support structure and insulation materials and ignited the edge panels. This modification is being accomplished in conjunction with the Platy Brick/Block Replacement modification (MN 11324). Aircraft lost during airshow already modified.

AIRCRAFT BREAKDOWN: Active -- 54 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: Complete. No RDT&E required.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS	44	11.3	10	2.4								
KITS NONRECUR	(1)											
EQUIPMENT												
EQUIP NONREC												
CHANGE ORDERS												
DATA												
SIM/TRAINER												
SUPPORT-EQUIP												
INSTALLATION OF HARDWARE												
FY-93 1 KITS	(1)	0.1										
FY-94 15 KITS	(15)	0.8										
FY-95 9 KITS	(9)	1.0										
FY-96 19 KITS	(8)	0.8	(11)	1.2								
FY-97 10 KITS			(7)	0.9	(3)	0.3						
TOTAL INSTALL QTY/COST	33	2.7	18	2.1	3	0.3						
TOTAL COST (BP-1100)	44	14.0	10	4.5		0.3						

(TOTALS MAY NOT ADD DUE TO ROUNDING.)

METHOD OF IMPLEMENTATION: INSTALLATION -- CLS

INITIAL LEAD TIME -- 12 MONTHS

FOLLOW-ON LEAD TIME -- 9 MONTHS

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*** UNCLASSIFIED ***

FACT SHEET: F-117 MN-11332 HIGH TEMPERATURE EDGES (CONTINUED)
 PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)								
PROCUREMENT (3010)								
INSTALL KITS							54	13.7
KITS NONRECUR								0.0
EQUIPMENT								
EQUIP NONREC								
CHANGE ORDERS								
DATA								
SIM/TRAINER								
SUPPORT-EQUIP								
INSTALLATION OF HARDWARE								
FY-93 1 KITS							(1)	0.1
FY-94 15 KITS							(15)	0.8
FY-95 9 KITS							(9)	1.0
FY-96 19 KITS							(19)	2.0
FY-97 10 KITS							(10)	1.2
TOTAL INSTALL QTY/COST							54	5.1
TOTAL COST (BP-1100)							54	18.8
(TOTALS MAY NOT ADD DUE TO ROUNDING.)								
MILESTONES								
	FY-93	FY-94	FY-95	FY-96	FY-97	FY-98		
CONTRACT-DATE (QTR/FY)	2/93	2/94	1/95	1/96	1/97			
DELIVERY-DATE (QTR/FY)	2/94	1/95	4/95	4/96	4/97			
INSTALLATION SCHEDULE:	FY-93		FY-94		FY-95		FY-96	FY-97
QUARTERS	1 2 3 4		1 2 3 4		1 2 3 4		1 2 3 4	1 2 3 4
INPUT			1		4		3 3 3 5	5 4 4 5
OUTPUT				1			4 3 3 3	5 5 4 5
INSTALLATION SCHEDULE:	FY-98							
QUARTERS	1 2 3 4							
INPUT	3							
OUTPUT	5 3							

*** UNCLASSIFIED ***

DATE 01/26/98

MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB

MODIFICATION TITLE AND NO: NAVSTAR GLOBAL POSITIONING SYSTEM MN-3150

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC F-117 CLASS P

MODELS OF AIRCRAFT AFFECTED: F-117A

CENTER: SM-ALC

PE 0207141F TEAM POWER

DESCRIPTION/JUSTIFICATION: Funds the continuation of efforts initiated in APPN 3010/BP1900. FY92-95 BP1900 funding is shown for information only. GPS provides world-wide three dimensional positioning/navigation. GPS has three segments; user equipment, satellites and control network. Satellites broadcast high-accuracy data signals which are received by user equipment and used to compute platform positioning/velocity and provide steering vectors to target locations. Control segment daily updates the navigation messages broadcast from the satellites. GPS is a driver modification in FY97-99 and the depot induction processing charges are funded by this modification in FY97-99. Aircraft lost during airshow not modified. Kit buy affected by lost aircraft already negotiated - changing quantity would add cost and delay schedule.

AIRCRAFT BREAKDOWN: Active -- 53 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: Complete. FY95/96 flight test supports cleanup phase on software. No risk is associated with the hardware procurement.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)		48.8										
PROCUREMENT (3010)												
INSTALL KITS	38	16.0	9	2.6	5	1.2						
KITS NONRECUR	3	25.4										
EQUIPMENT	(38)	3.9	(9)	0.6	(5)	0.4						
EQUIP NONREC	(3)	6.0										
CHANGE ORDERS						0.6						
DATA		5.0										
SIM/TRAINER						1.8						
SUPPORT-EQUIP		0.7				0.4						
DEPOT PROCESS				3.9		6.9		6.4				
FLIGHT TEST		9.5										
BP1900 FUNDS		-56.1										
MOD OF SPARES				0.5		0.4		0.2		0.1		
INSTALLATION OF HARDWARE												
FY-94 2 KITS	(2)											
FY-95 20 KITS	(1)		(19)	4.1								
FY-96 19 KITS					(17)	3.7						
FY-97 9 KITS							(16)	3.5				
FY-98 5 KITS												
TOTAL INSTALL QTY/COST	3		19	4.1	17	3.7	16	3.5				
TOTAL COST (BP-1100)	41	10.4	9	11.6	5	15.3		10.1		0.1		

(TOTALS MAY NOT ADD DUE TO ROUNDING.)

METHOD OF IMPLEMENTATION: INSTALLATION -- CLS

INITIAL LEAD TIME -- 18 MONTHS

FOLLOW-ON LEAD TIME -- 18 MONTHS

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FACT SHEET: F-117 MN-3150 NAVSTAR GLOBAL POSITIONING SYSTEM (CONTINUED)
 PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL		
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	
RDT&E (3600)									
PROCUREMENT (3010)									
INSTALL KITS							52	19.8	
KITS NONRECUR							3	25.4	
EQUIPMENT								4.8	
EQUIP NONREC								6.0	
CHANGE ORDERS								0.6	
DATA								5.0	
SIM/TRAINER								1.8	
SUPPORT-EQUIP								1.1	
DEPOT PROCESS								17.2	
FLIGHT TEST								9.5	
BP1900 FUNDS								-56.1	
MOD OF SPARES								1.2	
INSTALLATION OF HARDWARE									
FY-94 2 KITS							(2)	0.0	
FY-95 20 KITS							(20)	4.1	
FY-96 19 KITS							(17)	3.7	
FY-97 9 KITS							(16)	3.5	
FY-98 5 KITS									
TOTAL INSTALL QTY/COST							55	11.3	
TOTAL COST (BP-1100)							55	47.6	
(TOTALS MAY NOT ADD DUE TO ROUNDING.)									
MILESTONES									
	FY-92	FY-93	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00
CONTRACT-DATE (QTR/FY)		1/93	1/94	2/95	2/96	2/97	2/98		
DELIVERY-DATE (QTR/FY)		3/94	3/95	4/96	4/97	4/98	4/99		
INSTALLATION SCHEDULE:	FY-92	FY-93		FY-94		FY-95		FY-96	
QUARTERS	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4
INPUT						2	1		
OUTPUT						2	1		
INSTALLATION SCHEDULE:	FY-97	FY-98		FY-99		FY-00			
QUARTERS	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4		
INPUT	4 5 5 5	4 4 5 4	4 4 5 4	4 4 4 4	4 4 4 4	4 4 4 4	4 4 4 4		
OUTPUT	4 5 5 5	5 4 5 4	5 4 5 4	4 4 4 4	4 4 4 4	4 4 4 4	4 4 4 4		

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DATE 01/26/98

MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE

MODIFICATION TITLE AND NO: SINGLE CONFIGURATION FLEET MN-31937

CLC F-117 CLASS P

MODELS OF AIRCRAFT AFFECTED: F-117A

CENTER: SM-ALC

PE 0207141F TEAM POWER

DESCRIPTION/JUSTIFICATION: Presently, the F-117A fleet has two major radar absorbing material (RAM) coating configurations, a costly and labor intensive panel access technology, and five leading edge configurations. This effort will develop a single, optimized RAM coating and leading edge configuration which incorporates advanced panel access technologies for the F-117A fleet. This new configuration may include new leading edge technologies, spray-on coatings, new sheet RAMs, new panel access technologies, and gap fillers. This effort will greatly reduce maintenance requirements, increase aircraft availability, and improve Radar Cross Section performance. Depot processing costs previously identified on the Life Limited Skins modification P3 (MN-31936) have been realigned to this P3A. Aircraft lost during airshow not modified. Potential savings from kit buy and installation under evaluation.

AIRCRAFT BREAKDOWN: Active -- 53 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: Development contract awarded June 96 and will complete Dec 98.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)		1.8		4.5		4.3						
PROCUREMENT (3010)												
INSTALL KITS							13	7.6	12	7.0	12	7.0
KITS NONRECUR												
EQUIPMENT												
EQUIP NONREC												
CHANGE ORDERS												
DATA								1.6				
SIM/TRAINER												
SUPPORT-EQUIP												
DEPOT PROCESS										5.2		4.8
INSTALLATION OF HARDWARE												
FY-99 13 KITS									(13)	9.8		
FY-00 12 KITS											(12)	9.0
FY-01 12 KITS												
FY-02 13 KITS												
FY-03 4 KITS												
TOTAL INSTALL QTY/COST										13	9.8	12 9.0
TOTAL COST (BP-1100)							13	9.2	12	22.0	12	20.8
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION -- CLS												
INITIAL LEAD TIME -- 9 MONTHS					FOLLOW-ON LEAD TIME -- 6 MONTHS							

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FACT SHEET: F-117 MN-31937 SINGLE CONFIGURATION FLEET (CONTINUED)
 PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL		
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	
RDT&E (3600)									
PROCUREMENT (3010)									
INSTALL KITS	13	7.6	4	2.4			54	31.6	
KITS NONRECUR									
EQUIPMENT									
EQUIP NONREC									
CHANGE ORDERS									
DATA								1.6	
SIM/TRAINER									
SUPPORT-EQUIP									
DEPOT PROCESS		4.8		5.2		4.8		24.8	
INSTALLATION OF HARDWARE									
FY-99 13 KITS							(13)	9.8	
FY-00 12 KITS							(12)	9.0	
FY-01 12 KITS (12)		9.0					(12)	9.0	
FY-02 13 KITS (13)				9.8			(13)	9.8	
FY-03 4 KITS (4)						3.0	(4)	3.0	
TOTAL INSTALL QTY/COST	12	9.0	13	9.8	4	3.0	54	40.6	
TOTAL COST (BP-1100)	13	21.4	4	17.4		7.8	54	98.6	
(TOTALS MAY NOT ADD DUE TO ROUNDING.)									
MILESTONES									
	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	FY-04
CONTRACT-DATE (QTR/FY)				2/99	1/00	1/01	1/02	1/03	
DELIVERY-DATE (QTR/FY)				1/00	3/00	3/01	3/02	3/03	
INSTALLATION SCHEDULE:	FY-96		FY-97		FY-98		FY-99		FY-00
QUARTERS	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4
INPUT	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4
OUTPUT	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4
INSTALLATION SCHEDULE:	FY-01		FY-02		FY-03		FY-04		
QUARTERS	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	
INPUT	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	
OUTPUT	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)								DATE FEBRUARY 1998
APPROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT AF/AIRCRAFT MODIFICATIONS				P-1 ITEM NOMENCLATURE: A-10				
	1997	1998	1999	2000	2001	2002	2003	
COST (In Mil)	\$29.613	\$24.412	\$31.088	\$25.365	\$52.269	\$24.783	\$26.398	

This line item funds modifications to the A-10 aircraft. The A-10 is a twin engine, single seat, close air support aircraft capable of delivering a full range of air-to-ground munitions as well as self defense air-to-air missiles. The primary modification budgeted in FY99 is the Embedded Global Positioning and Inertial Navigation System (EGI). Other modifications are budgeted to enhance operational capability while improving flight safety, reliability, and maintainability. The specific modifications budgeted and programmed are below.

CLASS	MOD NR	MODIFICATION TITLE	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	COST TO GO	TOTAL PROG.
P-S	99999A	LOW COST SAFETY MODIFICATIONS	0.1	0.1	0.2	0.1	0.3	0.1	0.2	2.3	3.5
		CLASS P-S TOTAL FOR A-10	0.1	0.1	0.2	0.1	0.3	0.1	0.2	2.3	
P	18202B	TF-34 AGB LIFE IMPROVEMENT	0.6							0.5	2.1
	3150EG	EGI	25.8	20.8	29.3	22.3	27.6	6.1	2.4		186.7
	3301A	LASTE COMPUTER UPGRADE					4.7	7.9	9.8		22.4
	37118B	AIRBORNE DATA RECORDER					8.3	0.1		3.5	12.0
	4262	DIGITAL TERRAIN SYSTEM (DTS)								3.4	3.4
	7091	COMMON AIRCRAFT MISSILE WARNIN				0.7	2.8	4.0	5.6	15.0	28.2
	7092	NIGHT VISION IMAGING SYSTEM LI	3.1								39.5
	7142	COLOR AIRBORNE VIDEO TAPE RECO		3.0	1.5						4.4
	9601	ONBOARD OXYGEN GENERATING SYST				0.6	6.6	4.8	6.1	23.2	41.3
	9602	COUNTERMEASURE SET					1.9	1.6	2.2	11.7	17.4
	99999X	LOW COST MODIFICATIONS			0.1	1.6	0.1	0.1	0.1	2.2	4.4
	Z88888	REPROGRAMMINGS		0.5							0.7
		CLASS P TOTAL FOR A-10	29.5	24.3	30.9	25.3	52.0	24.7	26.2	59.6	
		TOTAL FOR A-10	29.6	24.4	31.1	25.4	52.3	24.8	26.4	61.9	

Totals may not add due to rounding.

	P-1 SHOPP LIST ITEM NO. 029	PAGE NO.	
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DATE 01/26/98

MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB
MODIFICATION TITLE AND NO: EGI MN-3150EG

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC A-10 CLASS P

MODELS OF AIRCRAFT AFFECTED: OA/A-10

CENTER: SM-ALC

PE 0207131F TEAM POWER

DESCRIPTION/JUSTIFICATION: The Embedded Global Positioning and Inertial Navigation System (EGI) is a self-contained, all-weather navigation system which provides positioning, velocity, and acceleration data for the aircraft. The EGI receives its radio frequency signals from the GPS satellite transmissions. The EGI receiver tracks up to five satellites simultaneously. In addition, EGI will replace the present inertial navigation unit (LN 39). This will result in an \$18M savings per year in maintenance costs upon completion of the modification installation. Nonrecurring engineering costs will support software independent validation and verification along with A-10 AFMSS software upgrades in FY97/98. The kit and installation total quantities are two greater than the aircraft breakdown total because two aircraft modified in FY92 had to be remodified with new kits.

AIRCRAFT BREAKDOWN: Active -- 219 RES -- 51 ANG -- 100

DEVELOPMENT STATUS:

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)		0.7										
PROCUREMENT (3010)												
INSTALL KITS	5	2.9	65	1.5	64	1.2	85	1.5	67	1.2	86	1.5
KITS NONRECUR		33.0		6.6		2.7	2	2.8		2.0		2.0
EQUIPMENT	(5)	5.5	(65)	13.5	(64)	13.6	(85)	17.5	(67)	14.2	(86)	17.7
EQUIP NONREC												
CHANGE ORDERS		1.6										
DATA		3.0				0.2		0.1		0.1		0.1
SIM/TRAINER								1.5				
SUPPORT-EQUIP		3.9		0.7		0.2		0.2		0.2		0.2
ICS		1.7		2.0		2.4						
FLIGHT TEST		0.5		1.1		0.2						
MOD OF SPARES				0.1						0.1		
OGC				0.1		0.1		0.1		0.1		0.1
INSTALLATION OF HARDWARE												
FY-92 2 KITS	(2)	0.2										
FY-95 2 KITS			(2)	0.2								
FY-96 1 KITS			(1)	0.1								
FY-97 65 KITS					(6)	0.4	(59)	3.7				
FY-98 64 KITS							(28)	1.8	(36)	2.3		
FY-99 87 KITS									(31)	2.0	(54)	3.6
FY-00 67 KITS											(34)	2.3
FY-01 86 KITS												
TOTAL INSTALL QTY/COST	2	0.2	3	0.3	6	0.4	87	5.5	67	4.3	88	5.9
TOTAL COST (BP-1100)	5	52.3	65	25.8	64	20.8	87	29.3	67	22.3	86	27.6

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FACT SHEET: A-10 MN-3150EG EGI
PROJECTED FINANCIAL PLAN (CONTINUED)

(CONTINUED)

(TOTALS MAY NOT ADD DUE TO ROUNDING.)

METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT/FIELD TEAM
INITIAL LEAD TIME -- 14 MONTHS

FOLLOW-ON LEAD TIME -- 14 MONTHS

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FACT SHEET: A-10 MN-3150EG EGI
 PROJECTED FINANCIAL PLAN (CONTINUED)

(CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL					
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT				
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS							372	9.9				
KITS NONRECUR							2	49.1				
EQUIPMENT								82.0				
EQUIP NONREC												
CHANGE ORDERS								1.6				
DATA								3.5				
SIM/TRAINER								1.5				
SUPPORT-EQUIP								5.3				
ICS								6.0				
FLIGHT TEST								1.8				
MOD OF SPARES								0.2				
OGC		0.1		0.2				0.9				
INSTALLATION OF HARDWARE												
FY-92 2 KITS							(2)	0.2				
FY-95 2 KITS							(2)	0.2				
FY-96 1 KITS							(1)	0.1				
FY-97 65 KITS							(65)	4.1				
FY-98 64 KITS							(64)	4.1				
FY-99 87 KITS							(85)	5.6				
FY-00 67 KITS (33)		2.3					(67)	4.5				
FY-01 86 KITS (54)		3.7	(32)	2.3			(86)	6.0				
TOTAL INSTALL QTY/COST	87	6.0	32	2.3			372	24.8				
TOTAL COST (BP-1100)		6.1		2.4			374	186.7				
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
MILESTONES												
	FY-92	FY-93	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03
CONTRACT-DATE (QTR/FY)				4/95	2/96	3/97	2/98	2/99	2/00	2/01		
DELIVERY-DATE (QTR/FY)	4/92			1/97	3/97	4/98	3/99	3/00	3/01	3/02		

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FACT SHEET: A-10 MN-3150EG EGI
PROJECTED FINANCIAL PLAN (CONTINUED)

(CONTINUED)

INSTALLATION SCHEDULE:	FY-92				FY-93				FY-94				FY-95				FY-96			
QUARTERS	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
INPUT				2																
OUTPUT					2															
INSTALLATION SCHEDULE:	FY-97				FY-98				FY-99				FY-00				FY-01			
QUARTERS	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
INPUT		2	1					6	24	26	19	18	15	16	17	19	22	24	21	21
OUTPUT			2	1					6	24	26	19	18	15	16	17	19	22	24	21
INSTALLATION SCHEDULE:	FY-02				FY-03															
QUARTERS	1	2	3	4	1	2	3	4												
INPUT	15	14	28	30	30	2														
OUTPUT	21	15	14	28	30	30	2													

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DATE 01/26/98

MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC A-10 CLASS P

MODIFICATION TITLE AND NO: NIGHT VISION IMAGING SYSTEM LIGHTING MN-7092

MODELS OF AIRCRAFT AFFECTED: A/0A-10

CENTER: SM-ALC

PE 0207131F TEAM POWER

DESCRIPTION/JUSTIFICATION: Improves A-10 close air support capability and responds to Desert Shield/Storm deficiencies. Revises cockpit and exterior lighting to allow pilot to wear night vision goggles (NVIS Type 2, Class A Requirement). This will be accomplished through a combination of internal lighting modification, bezel flood lighting, filters and replacement of front windscreen. The modification was previously titled "night attack capabilities". The modification was renamed because A/B SINCGARS (A-10 MN# 3429), integrated data modem (MN# 3441), and NAVSTAR GPS (A-10 MN# 3150) are also required to provide full A-10 night attack capability. The aircraft breakdown and installation quantity totals are one less than the kit total because one aircraft crashed after the kits were purchased.

AIRCRAFT BREAKDOWN: Active -- 222 RES -- 51 ANG -- 102

DEVELOPMENT STATUS: Complete.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS	374	19.1										
KITS NONRECUR	2	0.4										
EQUIPMENT		3.3										
EQUIP NONREC												
CHANGE ORDERS		0.7										
DATA		2.4										
SIM/TRAINER												
SUPPORT-EQUIP		0.3										
MOD OF SPARES		3.6		0.4								
INSTALLATION OF HARDWARE												
FY-94 215 KITS (215)		5.4										
FY-95 41 KITS (41)		1.2										
FY-96 120 KITS (120)		2.7										
TOTAL INSTALL QTY/COST	256	6.6	120	2.7								
TOTAL COST (BP-1100)	376	36.4		3.1								
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION -- COMBINATION												
INITIAL LEAD TIME -- 8 MONTHS					FOLLOW-ON LEAD TIME -- 10 MONTHS							

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FACT SHEET: A-10 MN-7092 NIGHT VISION IMAGING SYSTEM LIGHTING (CONTINUED)
 PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)								
PROCUREMENT (3010)								
INSTALL KITS							374	19.1
KITS NONRECUR							2	0.4
EQUIPMENT								3.3
EQUIP NONREC								0.7
CHANGE ORDERS								2.4
DATA								0.3
SIM/TRAINER								4.0
SUPPORT-EQUIP								
MOD OF SPARES								
INSTALLATION OF HARDWARE								
FY-94 215 KITS							(215)	5.4
FY-95 41 KITS							(41)	1.2
FY-96 120 KITS							(120)	2.7
TOTAL INSTALL QTY/COST							376	9.3
TOTAL COST (BP-1100)							376	39.5
(TOTALS MAY NOT ADD DUE TO ROUNDING.)								
MILESTONES								
	FY-94	FY-95	FY-96	FY-97	FY-98			
CONTRACT-DATE (QTR/FY)	2/94	1/95	1/96					
DELIVERY-DATE (QTR/FY)	4/94	4/95	4/96					
INSTALLATION SCHEDULE:	FY-94		FY-95		FY-96		FY-97	
QUARTERS	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4
INPUT		2	56 56 56 57	9 10 10	40 40 40			
OUTPUT			2 56 56 56 57	9 10 10	40 40 40	40		

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DATE 01/26/98

MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC A-10 CLASS P

MODIFICATION TITLE AND NO: COLOR AIRBORNE VIDEO TAPE RECORDER (CAVTR) MN-7142

MODELS OF AIRCRAFT AFFECTED: A/OA-10

CENTER: SM-ALC

PE 0207131F TEAM POWER

DESCRIPTION/JUSTIFICATION: The A-10 CAVTR modification, also known as Color Airborne Video Tape Recorder, upgrades the A-10 Airborne Video Tape Recorder (AVTR) system to provide an increased recording capability by allowing the average two hour sortie to be properly documented. This modification will remove the existing AVTR system and replace it with a system that will have a two hour record capability and be color capable. The proposed system will be designed for two-level maintenance, and serviced at the organizational level by flightline personnel. The National Guard Bureau and Air Force Reserves are paying for all the non-recurring costs as well as their respective aircraft kits. This is a follow-on modification procurement for active forces aircraft based on ANG/AFRES program. The equipment being installed in the aircraft is a ruggedized version of commercial off-the-shelf components. Contract priced for FY98 only; expect substantial cost increase for FY99, hence the larger OGC amount. For install kits, competitively priced unit cost (FY98) is
AIRCRAFT BREAKDOWN: Active -- 219 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: N/A

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS					172	2.6	47	1.3				
KITS NONRECUR												
EQUIPMENT												
EQUIP NONREC												
CHANGE ORDERS												
DATA												
SIM/TRAINER						0.1						
SUPPORT-EQUIP						0.3						
OGC								0.1				
TOTAL COST (BP-1100)					172	3.0	47	1.5				
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION -- ORG/INTERMEDIATE												
INITIAL LEAD TIME -- 5 MONTHS					FOLLOW-ON LEAD TIME -- 5 MONTHS							

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FACT SHEET: A-10 MN-7142 COLOR AIRBORNE VIDEO TAPE RECORDER (CAVTR) (CONTINUED)
 PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)								
PROCUREMENT (3010)								
INSTALL KITS							219	3.8
KITS NONRECUR								
EQUIPMENT								
EQUIP NONREC								
CHANGE ORDERS								
DATA								
SIM/TRAINER								0.1
SUPPORT-EQUIP								0.3
OGC								0.1
TOTAL COST (BP-1100)							219	4.4
(TOTALS MAY NOT ADD DUE TO ROUNDING.)								
MILESTONES								
	FY-97	FY-98	FY-99					
CONTRACT-DATE (QTR/FY)		2/98	1/99					
DELIVERY-DATE (QTR/FY)		3/98	2/99					

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)							DATE FEBRUARY 1998	
APPROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT AF/AIRCRAFT MODIFICATIONS				P-1 ITEM NOMENCLATURE: F/RF-4				
	1997	1998	1999	2000	2001	2002	2003	
COST (In Mil)	\$0.130							

This line item funds modifications to the F/RF-4 aircraft. The F/RF-4 is a twin engine, two seat aircraft which performs tactical reconnaissance and suppression of enemy aircraft defense missions. There are not any modifications budgeted in FY99.

CLASS	MOD NR	MODIFICATION TITLE	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	COST TO GO	TOTAL PROG.
P	288888	REPROGRAMMINGS	0.1								0.1
		CLASS P TOTAL FOR F/RF-4	0.1								
		TOTAL FOR F/RF-4	0.1								

Totals may not add due to rounding.

UNCLASSIFIED

BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)							DATE FEBRUARY 1998	
APPROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT AF/AIRCRAFT MODIFICATIONS				P-1 ITEM NOMENCLATURE: F-15				
	1997	1998	1999	2000	2001	2002	2003	
COST (In Mil)	\$132.280	\$177.272	\$196.579	\$220.140	\$248.239	\$311.694	\$335.459	

This line item funds modifications to the F-15 aircraft. The F-15A/B/C/D is a twin engine, single seat, supersonic, all-weather, day/night, air-superiority fighter. The F-15E is a twin engine, two seat, supersonic dual-role, day/night, all-weather, deep interdiction fighter with multi-role air-to-air capabilities. The overall goal of the modifications budgeted in FY99 is to enhance flight safety while improving reliability and maintainability. The specific modifications budgeted and programmed are below.

CLASS	MOD NR	MODIFICATION TITLE	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	COST TO GO	TOTAL PROG.
P-S	13639A	AFT ENGINE BAY FIRE DETECTION	1.0								18.5
		CLASS P-S TOTAL FOR F-15	1.0								
P	10211B	SECONDARY POWER UPGRADE C/D		1.0	6.2	3.3	3.9	2.3	0.6	20.6	38.0
	13647B	HIGH PRESSURE WATER SEPARATOR	8.0	2.7		2.9					55.0
	16628B	LANDING GEAR WIRING/SWITCHES	1.0	1.9	2.0	0.6	0.6				15.7
	16628E	LG WIRING/SWITCHES			3.5	0.6					4.2
	17606B	STANDARD FLIGHT DATA RECORDER	1.2								6.1
	19203B	F100-220E ENGINE UPGRADE	23.5	31.9	17.8	32.9	54.6	80.0	84.2		355.5
	3150E	GPS	6.4	13.7	4.5	9.1	1.1				46.6
	3192C	ALQ-135 P3I	53.3								220.4
	6048	4TH ROBUST BLADE	1.0								3.9
	6052	2ND VANE INNER AIR SEAL	0.2	0.2	0.5	0.2					1.1
	6054	HYBRID NOZZLE COKING								1.8	6.9
	6060	1ST STAGE TIP SHROUD SUPPORT	0.4	0.8	0.3						1.8
	6071	4TH DISK BRUSH SEAL	0.5	0.2	0.7	0.7					2.3
	6086	SUPER CONVECTIVE SHROUD	1.6	1.5	5.0	1.5					10.2
	6106	SECONDARY POWER UPGRADE					4.5	3.7	5.2	6.4	19.8
	6108	7TH/8TH STAGE SHORT SHOES AND	0.4								0.7
	6109	FIRST BRUSH SEAL	1.0	1.0	3.3	1.5					7.1
	6141	EAGLE 229 HPT OD FLOWPATH	1.5	1.9	4.7	1.3					10.2
	6142	COMBUSTER IMPROVEMENTS			0.7	2.4	1.9	0.2			5.2
	8049	APG-63V(1) RADAR UPGRADE	23.4	82.4	103.2	97.0	93.6	97.2	100.3	7.9	604.9
	8232	UPGRADE OF PDM SE	0.5								1.4
	8250	FIGHTER DATA LINK (FDL)	5.4	34.6	40.8	7.9					100.3
	8251	VHSIC CARD	0.3								15.0
	8265	PROGRAMMABLE ARMAMENT CONTROL					9.5	14.3	15.8	21.3	60.9
	8314	AIR DATA PROCESSOR				4.7	5.2	5.3	5.3	11.2	31.7
	8352	HELMET-MOUNTED CUEING SYSTEM					5.6	18.3	18.5	3.2	45.6

Totals may not add due to rounding.

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)								DATE FEBRUARY 1998	
APPROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT AF/AIRCRAFT MODIFICATIONS					P-1 ITEM NOMENCLATURE: F-15				
	1997	1998	1999	2000	2001	2002	2003		
COST (In Mil)	\$132.280	\$177.272	\$196.579	\$220.140	\$248.239	\$311.694	\$335.459		

CLASS	MOD NR	MODIFICATION TITLE	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	COST TO GO	TOTAL PROG.
P	8357	MULTI PURPOSE DISPLAY PROCESSO							27.0	38.1	65.1
	8419	ALQ 135, BAND 1.5				14.8	40.5	81.9	56.1	139.1	332.4
	8420	FDL LINK 16				24.1	9.2			14.0	47.3
	8454	ACFT WEAPONS CONTROL SET (AWCT				1.7					1.7
	99999E	MISC ENGINE UPDATE MODS				0.2					0.2
	99999U	LOW COST RETROFIT MODS	0.5			0.1	0.1		0.1		7.3
	99999X	LOW COST MODIFICATIONS	1.4				0.1				3.8
	IDECM	COMMON ELECTRIC COUNTERMEASURE						8.5	22.4	240.7	271.6
	T8237	DIGITAL MAP SYSTEM			3.4	12.6	18.1				34.1
	Z88888	REPROGRAMMINGS		3.6							5.3
	CLASS P	TOTAL FOR F-15	131.3	177.3	196.6	220.1	248.2	311.7	335.5	504.4	
	TOTAL FOR F-15		132.3	177.3	196.6	220.1	248.2	311.7	335.5	504.4	

Totals may not add due to rounding.

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DATE 01/26/98

MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC F-15 CLASS P-S

MODIFICATION TITLE AND NO: AFT ENGINE BAY FIRE DETECTION MN-13639A

MODELS OF AIRCRAFT AFFECTED: F-15

CENTER: WR-ALC

PE 0207130F TEAM AIR

DESCRIPTION/JUSTIFICATION: Provides a fire detection system for the engine afterburner section of the F-15 aircraft. During the past few years, the F-15 fleet has experienced 42 fires in the afterburner section. The fires were not detected in flight by pilots because there is no detection system in this section of the engine bay. Afterburner section is separated from the stabilator actuator only by aircraft skin. Loss of stabilator actuator would result in loss of flight control. A fire detection system will provide the pilot with sufficient warning to extinguish the fire prior to catastrophic damage to the aircraft. Safety Mod.

AIRCRAFT BREAKDOWN: Active -- 456 RES -- 0 ANG -- 116

DEVELOPMENT STATUS: No RDT&E required.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS	570	8.8										
KITS NONRECUR	2	0.4										
EQUIPMENT												
EQUIP NONREC												
CHANGE ORDERS												
DATA		0.5										
SIM/TRAINER	(31)	3.9										
SUPPORT-EQUIP												
INSTALLATION OF HARDWARE												
FY-88 51 KITS												
FY-89 131 KITS												
FY-90 131 KITS	(313)											
FY-93 98 KITS	(100)	1.7										
FY-94 115 KITS	(113)	2.2										
FY-95 46 KITS			(46)	1.0								
TOTAL INSTALL QTY/COST	526	3.9	46	1.0								
TOTAL COST (BP-1100)	572	17.5		1.0								
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION -- COMBINATION												
INITIAL LEAD TIME -- 28 MONTHS						FOLLOW-ON LEAD TIME -- 14 MONTHS						

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FACT SHEET: F-15 MN-13639A AFT ENGINE BAY FIRE DETECTION (CONTINUED)
 PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL						
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT					
RDT&E (3600)													
PROCUREMENT (3010)													
INSTALL KITS							570	8.8					
KITS NONRECUR							2	0.4					
EQUIPMENT													
EQUIP NONREC													
CHANGE ORDERS													
DATA								0.5					
SIM/TRAINER								3.9					
SUPPORT-EQUIP													
INSTALLATION OF HARDWARE													
FY-88 51 KITS													
FY-89 131 KITS													
FY-90 131 KITS							(313)						
FY-93 98 KITS							(100)	1.7					
FY-94 115 KITS							(113)	2.2					
FY-95 46 KITS							(46)	1.0					
TOTAL INSTALL QTY/COST							572	4.9					
TOTAL COST (BP-1100)							572	18.5					
(TOTALS MAY NOT ADD DUE TO ROUNDING.)													
MILESTONES													
	FY-88	FY-89	FY-90	FY-91	FY-92	FY-93	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	
CONTRACT-DATE (QTR/FY)	2/90	4/90	4/90	4/90		4/93	4/94	1/95					
DELIVERY-DATE (QTR/FY)	4/90	3/92	3/92	3/92		1/95	1/96	2/96					
INSTALLATION SCHEDULE:	FY-88			FY-89			FY-90		FY-91		FY-92		
QUARTERS	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	
INPUT	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	
OUTPUT	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	
INSTALLATION SCHEDULE:	FY-93			FY-94			FY-95		FY-96		FY-97		
QUARTERS	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	
INPUT	48 48 48 47	25 25 25 24	23 23 23 23	23 23 23 23	23 23 23 23	23 23 23 23	23 23 23 23	23 23 23 23	23 23 23 23	14 17 12 6	14 17 12 6	14 17 12 6	
OUTPUT	20 48 48 48	47 25 25 25	24 23 23 23	23 23 23 23	23 23 23 23	23 23 23 23	23 23 23 23	23 23 23 23	23 23 23 23	23 23 23 23	14 17 12 6	14 17 12 6	
INSTALLATION SCHEDULE:	FY-98			FY-99									
QUARTERS	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	
INPUT	3 2 8 8	3 2 8 8	3 2 8 8	3 2 8 8	3 2 8 8	3 2 8 8	3 2 8 8	3 2 8 8	3 2 8 8	3 2 8 8	3 2 8 8	3 2 8 8	
OUTPUT	6 3 2 8	6 3 2 8	6 3 2 8	6 3 2 8	6 3 2 8	6 3 2 8	6 3 2 8	6 3 2 8	6 3 2 8	6 3 2 8	6 3 2 8	6 3 2 8	

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DATE 01/26/98

MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB

MODIFICATION TITLE AND NO: SECONDARY POWER UPGRADE C/D MN-10211B

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC F-15 CLASS P

MODELS OF AIRCRAFT AFFECTED: F-15 C/D

CENTER: WR-ALC

PE 0207130F TEAM AIR

DESCRIPTION/JUSTIFICATION: Modernization of six commodity components of the Secondary Power System, including the Jet Fuel Starter Fuel Control Unit, Central Gearbox, Left and Right hand Airframe Mounted Accessory Drive (AMAD), Clutch Control Valve, and Jet Fuel Starter. Increases R&M of the system by 125% increase in the overall reliability of the SPS. Current system is responsible for 22% of all ground aborts, with 34,000 mhrs per 100K flight hours expended for unsched. maintenance. Modification is to six component parts of varying quantities, completed at the Depot, and installed by O&I maintenance into the acft in the field. Acft does not have to be input for Depot mod to receive.

AIRCRAFT BREAKDOWN: Active -- 400 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: Completed via Component Improvement Program (CIP).

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS					111	0.8	915	6.2	384	3.2	471	3.8
KITS NONRECUR												
EQUIPMENT												
EQUIP NONREC												
CHANGE ORDERS												
DATA						0.2						
SIM/TRAINER												
SUPPORT-EQUIP												
MOD OF SPARES												
OGC												
TOOLING						0.1						
INSTALLATION OF HARDWARE												
FY-98 111 KITS							(111)					
FY-99 915 KITS								(915)	0.1			
FY-00 384 KITS										(384)		
FY-01 471 KITS												
FY-02 576 KITS												
FY-03 109 KITS												
FY-04 256 KITS												
FY-05 240 KITS												
TOTAL INSTALL QTY/COST							111		915	0.1	384	
TOTAL COST (BP-1100)					111	1.0	915	6.2	384	3.3	471	3.9

(TOTALS MAY NOT ADD DUE TO ROUNDING.)

METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT

INITIAL LEAD TIME -- 12 MONTHS

FOLLOW-ON LEAD TIME -- 12 MONTHS

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FACT SHEET: F-15 MN-10211B SECONDARY POWER UPGRADE C/D (CONTINUED)
 PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL			
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT		
RDT&E (3600)										
PROCUREMENT (3010)										
INSTALL KITS	576	2.3	109	0.6	496	20.5	3062	37.3		
KITS NONRECUR										
EQUIPMENT										
EQUIP NONREC										
CHANGE ORDERS										
DATA								0.2		
SIM/TRAINER										
SUPPORT-EQUIP										
MOD OF SPARES										
OGC						0.1		0.2		
TOOLING								0.1		
INSTALLATION OF HARDWARE										
FY-98 111 KITS							(111)	0.0		
FY-99 915 KITS							(915)	0.1		
FY-00 384 KITS							(384)	0.0		
FY-01 471 KITS (471)							(471)	0.0		
FY-02 576 KITS (576)							(576)	0.0		
FY-03 109 KITS (109)							(109)	0.0		
FY-04 256 KITS (256)							(256)	0.0		
FY-05 240 KITS (240)							(240)	0.0		
TOTAL INSTALL QTY/COST	471		576		605		3062	0.2		
TOTAL COST (BP-1100)	576	2.3	109	0.6	496	20.6	3062	38.0		
(TOTALS MAY NOT ADD DUE TO ROUNDING.)										
MILESTONES										
	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	FY-04	FY-05	FY-06
CONTRACT-DATE (QTR/FY)		2/98	1/99	1/00	1/01	1/02	1/03	1/04	1/05	
DELIVERY-DATE (QTR/FY)		2/99	1/00	1/01	1/02	1/03	1/04	1/05	1/06	
INSTALLATION SCHEDULE:	FY-97		FY-98		FY-99		FY-00		FY-01	
QUARTERS	1 2 3 4		1 2 3 4		1 2 3 4		1 2 3 4		1 2 3 4	
INPUT	118 118 118 117		144 144 144 144		27 27 27 28		64 64 64 64		60 60 60 60	
OUTPUT	118 118 118 117		144 144 144 144		27 27 27 28		64 64 64 64		60 60 60 60	

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DATE 01/26/98

MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE

MODIFICATION TITLE AND NO: HIGH PRESSURE WATER SEPARATOR MN-13647B

CLC F-15 CLASS P

MODELS OF AIRCRAFT AFFECTED: F-15 C/D

CENTER: WR-ALC

PE 0207130F TEAM AIR

DESCRIPTION/JUSTIFICATION: Will improve the cooling of the Environmental Control System (ECS) by replacing the primary and cabin water separator with a High Pressure Water Separator; dry air can be provided at colder temperatures. The increased cooling will provide a 40% increase in reliability of Avionics Line Replaceable Units (LRU). A retrofit mod.

AIRCRAFT BREAKDOWN: Active -- 278 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: Complete.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS	224	33.4	54	8.0								
KITS NONRECUR		1.5										
EQUIPMENT												
EQUIP NONREC												
CHANGE ORDERS												
DATA		0.1										
SIM/TRAINER												
SUPPORT-EQUIP												
MOD OF SPARES		0.2										
TOOLING (3)		0.4										
OGC												
INSTALLATION OF HARDWARE												
FY-90 2 KITS (2)												
FY-92 62 KITS (62)		1.9										
FY-93 98 KITS (98)		4.0										
FY-95 1 KITS							(1)					
FY-96 61 KITS					(61)	2.7						
FY-97 54 KITS									(54)	2.9		
TOTAL INSTALL QTY/COST	162	5.9			61	2.7	1		54	2.9		
TOTAL COST (BP-1100)	224	41.4	54	8.0		2.7				2.9		
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION -- COMBINATION												
INITIAL LEAD TIME -- 24 MONTHS						FOLLOW-ON LEAD TIME -- 12 MONTHS						

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FACT SHEET: F-15 MN-13647B HIGH PRESSURE WATER SEPARATOR (CONTINUED)
 PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL							
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT						
RDT&E (3600)														
PROCUREMENT (3010)														
INSTALL KITS								278	41.3					
KITS NONRECUR									1.5					
EQUIPMENT														
EQUIP NONREC														
CHANGE ORDERS														
DATA														0.1
SIM/TRAINER														
SUPPORT-EQUIP														
MOD OF SPARES														0.2
TOOLING														0.4
OGC														
INSTALLATION OF HARDWARE														
FY-90 2 KITS								(2)						
FY-92 62 KITS								(62)	1.9					
FY-93 98 KITS								(98)	4.0					
FY-95 1 KITS								(1)	0.0					
FY-96 61 KITS								(61)	2.7					
FY-97 54 KITS								(54)	2.9					
TOTAL INSTALL QTY/COST								278	11.5					
TOTAL COST (BP-1100)								278	55.0					
(TOTALS MAY NOT ADD DUE TO ROUNDING.)														
MILESTONES														
CONTRACT-DATE (QTR/FY)	3/90		4/94	4/94		3/97	3/96	2/97						
DELIVERY-DATE (QTR/FY)	3/92		3/95	3/95		3/98	3/97	2/98						
INSTALLATION SCHEDULE:	FY-90		FY-91			FY-92		FY-93		FY-94				
QUARTERS	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4
INPUT							2							
OUTPUT							1	1						
INSTALLATION SCHEDULE:	FY-95		FY-96			FY-97		FY-98		FY-99				
QUARTERS	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4
INPUT		1 1	1 1	1 1	1 1	1 3	3 3	3 3	17 18 18 18	18 18 18 18	18 18 18 18	18 18 18 18	19 20	
OUTPUT			1 1	1 1	1 1	1 3	3 3	3 3	3 17 18 18	18 18 18 18	18 18 18 18	18 18 18 18	19 19	
INSTALLATION SCHEDULE:	FY-00		FY-01			FY-02		FY-03						
QUARTERS	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4					
INPUT	15 15 15 15	6 6 6 6	6 6 6 6	6 6 6 6	6 6 6 6	7 7 7 7	8 8 8 8							
OUTPUT	20 15 15 15	15 6 6 6	6 6 6 6	6 6 6 6	6 6 6 6	7 7 7 7	8 8 8 8	8						

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DATE 01/26/98

MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB

MODIFICATION TITLE AND NO: LANDING GEAR WIRING/SWITCHES MN-16628B

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC F-15 CLASS P

MODELS OF AIRCRAFT AFFECTED: F-15 A/B/C/D

CENTER: OO-ALC

PE 0207130F TEAM AIR

DESCRIPTION/JUSTIFICATION: Landing gear system failure is being caused by vibration and flight wind loads on the wiring at the splice area. If wires break, the associated proximity or Weight On Wheels (WOW) switch has to be replaced. There have been 80 aircraft aborts. The modification incorporates redesigned switches or Speed Sensor Circuit (SSC) to connector on aircraft bulkhead. There will be a separate harness for each switch/SSC. Nose landing light harness will be replaced and encapsulated in tubing. 90 Mod Install (\$1.624).

AIRCRAFT BREAKDOWN: Active -- 415 RES -- 0 ANG -- 86

DEVELOPMENT STATUS: Complete.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS	330	4.2	48	0.7	69	1.0	54	0.8				
KITS NONRECUR												
EQUIPMENT	(330)	3.7	(48)	0.4	(69)	0.5	(54)	0.5				
EQUIP NONREC												
CHANGE ORDERS												
DATA												
SIM/TRAINER												
SUPPORT-EQUIP												
MOD OF SPARES												
OGC												
INSTALLATION OF HARDWARE												
FY-91 135 KITS	(20)	0.3										
FY-92 88 KITS	(83)	0.6										
FY-94 107 KITS					(107)	0.4						
FY-97 48 KITS							(48)	0.6				
FY-98 69 KITS									(69)	0.6		
FY-99 54 KITS											(59)	0.6
TOTAL INSTALL QTY/COST	218	1.7			107	0.4	48	0.6	69	0.6	59	0.6
TOTAL COST (BP-1100)	330	9.7	48	1.0	69	1.9	54	2.0		0.6		0.6

(TOTALS MAY NOT ADD DUE TO ROUNDING.)

METHOD OF IMPLEMENTATION: INSTALLATION -- COMBINATION

INITIAL LEAD TIME -- 25 MONTHS

FOLLOW-ON LEAD TIME -- 24 MONTHS

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FACT SHEET: F-15 MN-16628B LANDING GEAR WIRING/SWITCHES (CONTINUED)
 PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL							
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT						
RDT&E (3600)														
PROCUREMENT (3010)														
INSTALL KITS							501	6.7						
KITS NONRECUR														
EQUIPMENT								5.1						
EQUIP NONREC														
CHANGE ORDERS														
DATA														
SIM/TRAINER														
SUPPORT-EQUIP														
MOD OF SPARES														0.0
OGC														0.0
INSTALLATION OF HARDWARE														
FY-91 135 KITS							(20)	0.3						
FY-92 88 KITS							(83)	0.6						
FY-94 107 KITS							(107)	0.4						
FY-97 48 KITS							(48)	0.6						
FY-98 69 KITS							(69)	0.6						
FY-99 54 KITS							(59)	0.6						
TOTAL INSTALL QTY/COST							501	3.9						
TOTAL COST (BP-1100)							501	15.7						
(TOTALS MAY NOT ADD DUE TO ROUNDING.)														
MILESTONES														
	FY-90	FY-91	FY-92	FY-93	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	
CONTRACT-DATE (QTR/FY)	4/90	4/91	4/93		1/95			1/97	1/98	1/99				
DELIVERY-DATE (QTR/FY)	1/93	1/94	2/96		1/97			1/99	1/00	1/01				
INSTALLATION SCHEDULE:	FY-90		FY-91		FY-92			FY-93			FY-94			
QUARTERS	1 2 3 4		1 2 3 4		1 2 3 4			1 2 3 4			1 2 3 4			
INPUT								1						
OUTPUT									1					
INSTALLATION SCHEDULE:	FY-95		FY-96		FY-97			FY-98			FY-99			
QUARTERS	1 2 3 4		1 2 3 4		1 2 3 4			1 2 3 4			1 2 3 4			
INPUT					40 44 44 44 45			28 28 28 28 12			12 12 12 12			
OUTPUT					40 44 44 44 45			28 28 28 28 12			12 12 12 12			
INSTALLATION SCHEDULE:	FY-00		FY-01		FY-02									
QUARTERS	1 2 3 4		1 2 3 4		1 2 3 4									
INPUT	18 17 17 17		14 14 14 12											
OUTPUT	12 18 17 17		17 14 14 14 12											

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MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC F-15 CLASS P

MODIFICATION TITLE AND NO: LG WIRING/SWITCHES MN-16628E

MODELS OF AIRCRAFT AFFECTED: F-15E

CENTER: WR-ALC

PE 0207134F TEAM POWER

DESCRIPTION/JUSTIFICATION: Modifies landing gear to encapsulate wiring; installs new design proximity and weight on wheels switches to latest configuration. 140 acft get cabling, Proximity Switches, and WoW Switches; remaining acft get only cabling and Proximity switches. 140 aircraft require Depot Level install.

AIRCRAFT BREAKDOWN: Active -- 202 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: None required.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS							202	3.5				
KITS NONRECUR												
EQUIPMENT												
EQUIP NONREC												
CHANGE ORDERS												
DATA												
SIM/TRAINER												
SUPPORT-EQUIP												
OGC												
INSTALLATION OF HARDWARE												
FY-99 202 KITS									(140)	0.6		
TOTAL INSTALL QTY/COST									140	0.6		
TOTAL COST (BP-1100)							202	3.5		0.6		

(TOTALS MAY NOT ADD DUE TO ROUNDING.)

METHOD OF IMPLEMENTATION: INSTALLATION -- COMBINATION

INITIAL LEAD TIME -- 12 MONTHS

FOLLOW-ON LEAD TIME -- 12 MONTHS

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FACT SHEET: F-15 MN-16628E LG WIRING/SWITCHES
 PROJECTED FINANCIAL PLAN (CONTINUED)

(CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL		
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	
RDT&E (3600)									
PROCUREMENT (3010)									
INSTALL KITS							202	3.5	
KITS NONRECUR									
EQUIPMENT									
EQUIP NONREC									
CHANGE ORDERS									
DATA									
SIM/TRAINER									
SUPPORT-EQUIP									
OGC									
INSTALLATION OF HARDWARE									
FY-99 202 KITS							(140)	0.6	
TOTAL INSTALL QTY/COST							140	0.6	
TOTAL COST (BP-1100)							202	4.2	
(TOTALS MAY NOT ADD DUE TO ROUNDING.)									
MILESTONES									
	FY-97	FY-98	FY-99	FY-00	FY-01				
CONTRACT-DATE (QTR/FY)			1/99						
DELIVERY-DATE (QTR/FY)			1/00						
INSTALLATION SCHEDULE:	FY-97		FY-98		FY-99		FY-00		FY-01
QUARTERS	1 2 3 4		1 2 3 4		1 2 3 4		1 2 3 4		1 2 3 4
INPUT							35 35 35 35		
OUTPUT							35 35 35 35		

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DATE 01/26/98

MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB

MODIFICATION TITLE AND NO: F100-220E ENGINE UPGRADE MN-19203B

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC F-15 CLASS P

MODELS OF AIRCRAFT AFFECTED: F-15 C/D

CENTER: WR-ALC

PE 0207130F TEAM AIR

DESCRIPTION/JUSTIFICATION: Modifies the F100 engine to the 220 configuration. -220E includes the core, gear pump and DEEC control system. It will be an equivalent to the new production -220 engine. Maintenance benefits include no engine trim, automated diagnostics, 23% fewer organizational scheduled inspections, 43% reduction in base /EFH and 86% increased availability. Benefits include avoidance of six class mishaps. Operational benefits include 32% faster idle-to-max transient, normal 10% thrust improvement, full envelope capability, unrestricted throttle movement, automatic secondary control and 225 knot air start capability. Mod saves \$2.4M in O&M costs. Commodity mod. Install plan utilizes scheduled Depot Overhaul (3400) funding with the exception of 7 installs in FY98 which will be generated for mod only to Depot Facility.

AIRCRAFT BREAKDOWN: Active -- 117 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: Completed.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS												
KITS NONRECUR												
EQUIPMENT	21	17.3	23	19.4	18	23.3	12	15.7	21	27.3	31	42.9
EQUIP NONREC												
CHANGE ORDERS												
DATA												
SIM/TRAINER												
SUPPORT-EQUIP												
MOD OF SPARES	(15)	13.3	(3)	3.9	(3)	6.3	(1)	1.9	(3)	5.5	(7)	11.5
OGC				0.2		0.2		0.2		0.2		0.2
INSTALLATION OF HARDWARE												
FY-93 3 KITS												
FY-94 18 KITS												
FY-97 23 KITS												
FY-98 18 KITS					(7)	2.1						
FY-99 12 KITS												
FY-00 21 KITS												
FY-01 31 KITS												
FY-02 46 KITS												
FY-03 50 KITS												
TOTAL INSTALL QTY/COST					7	2.1						
TOTAL COST (BP-1100)	21	30.6	23	23.5	18	31.9	12	17.8	21	32.9	31	54.6

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FACT SHEET: F-15 MN-19203B F100-220E ENGINE UPGRADE
PROJECTED FINANCIAL PLAN (CONTINUED)

(CONTINUED)

(TOTALS MAY NOT ADD DUE TO ROUNDING.)

METHOD OF IMPLEMENTATION: INSTALLATION -- OVERHAUL/CFT
INITIAL LEAD TIME -- 12 MONTHS

FOLLOW-ON LEAD TIME -- 12 MONTHS

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FACT SHEET: F-15 MN-19203B F100-220E ENGINE UPGRADE (CONTINUED)
 PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL				
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT			
RDT&E (3600)											
PROCUREMENT (3010)											
INSTALL KITS											
KITS NONRECUR											
EQUIPMENT	46	65.0	50	72.3			222	283.1			
EQUIP NONREC											
CHANGE ORDERS											
DATA											
SIM/TRAINER											
SUPPORT-EQUIP											
MOD OF SPARES	(9)	14.7	(7)	11.7				68.9			
OGC		0.2		0.2				1.3			
INSTALLATION OF HARDWARE											
FY-93 3 KITS											
FY-94 18 KITS											
FY-97 23 KITS											
FY-98 18 KITS							(7)	2.1			
FY-99 12 KITS											
FY-00 21 KITS											
FY-01 31 KITS											
FY-02 46 KITS											
FY-03 50 KITS											
TOTAL INSTALL QTY/COST							7	2.1			
TOTAL COST (BP-1100)	46	80.0	50	84.2			222	355.5			
(TOTALS MAY NOT ADD DUE TO ROUNDING.)											
MILESTONES											
	FY-93	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03
CONTRACT-DATE (QTR/FY)	3/95	3/96			3/97	1/98	1/99	1/00	1/01	1/02	1/03
DELIVERY-DATE (QTR/FY)	3/96	3/97			3/98	1/99	1/00	1/01	1/02	1/03	1/04
INSTALLATION SCHEDULE:	FY-98										
QUARTERS	1	2	3	4							
INPUT			3	4							
OUTPUT			3	4							

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MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB
MODIFICATION TITLE AND NO: GPS MN-3150E

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC F-15 CLASS P

MODELS OF AIRCRAFT AFFECTED: F-15E

CENTER: WR-ALC

PE 0207134F TEAM POWER

DESCRIPTION/JUSTIFICATION: The NAVSTAR Global Positioning System (GPS) is a space based radio navigation system that will provide suitably equipped host vehicles with highly accurate jam , three dimensional, position, velocity, and worldwide in all weather to improve mission effectiveness. Includes AIU. Program Changed from MAGR to EGI. Two acft received mod thru RDT&E integration which will remain on the acft. One acft will receive modified kit originally bought for C/D acft, then acft will be loaned to Boeing for other studies. Boeing will install this kit. Remaining 199 kits/installs shown here.

AIRCRAFT BREAKDOWN: Active -- 199 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: Complete.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)		1.6										
PROCUREMENT (3010)												
INSTALL KITS	20	0.6	16	0.5	84	1.7	21	0.9	55	2.5		
KITS NONRECUR	3	8.5										
EQUIPMENT	(20)	1.6	(16)	5.6	(84)	10.8	(21)	2.2	(55)	5.5		
EQUIP NONREC	(3)	0.8										
CHANGE ORDERS						0.3						
DATA		0.1										
SIM/TRAINER		0.3				0.2						
SUPPORT-EQUIP				0.3								
OGC						0.4		0.1				
TOOLING												
INSTALLATION OF HARDWARE												
FY-94 3 KITS	(3)	0.1										
FY-96 20 KITS					(16)	0.3	(4)	0.1				
FY-97 16 KITS							(16)	0.3				
FY-98 84 KITS							(55)	1.0	(29)	0.6		
FY-99 21 KITS									(21)	0.5		
FY-00 55 KITS											(55)	1.1
TOTAL INSTALL QTY/COST	3	0.1			16	0.3	75	1.4	50	1.1	55	1.1
TOTAL COST (BP-1100)	23	11.9	16	6.4	84	13.7	21	4.5	55	9.1		1.1
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION -- COMBINATION												
INITIAL LEAD TIME -- 15 MONTHS						FOLLOW-ON LEAD TIME -- 12 MONTHS						

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FACT SHEET: F-15 MN-3150E GPS
 PROJECTED FINANCIAL PLAN (CONTINUED)

(CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)								
PROCUREMENT (3010)								
INSTALL KITS							196	6.1
KITS NONRECUR							3	8.5
EQUIPMENT								25.7
EQUIP NONREC								0.8
CHANGE ORDERS								0.3
DATA								0.1
SIM/TRAINER								0.5
SUPPORT-EQUIP								0.3
OGC								0.5
TOOLING								0.0
INSTALLATION OF HARDWARE								
FY-94 3 KITS							(3)	0.1
FY-96 20 KITS							(20)	0.3
FY-97 16 KITS							(16)	0.3
FY-98 84 KITS							(84)	1.6
FY-99 21 KITS							(21)	0.5
FY-00 55 KITS							(55)	1.1
TOTAL INSTALL QTY/COST							199	3.9
TOTAL COST (BP-1100)							199	46.6
(TOTALS MAY NOT ADD DUE TO ROUNDING.)								

MILESTONES

	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02
CONTRACT-DATE (QTR/FY)	2/94		2/97	3/97	1/98	1/99	1/00		
DELIVERY-DATE (QTR/FY)	4/96		2/98	3/98	1/99	1/00	1/01		
INSTALLATION SCHEDULE:	FY-94		FY-95		FY-96		FY-97		FY-98
QUARTERS	1 2 3 4		1 2 3 4		1 2 3 4		1 2 3 4		1 2 3 4
INPUT						3			4 4 4 4
OUTPUT							3		4 4 4
INSTALLATION SCHEDULE:	FY-99		FY-00		FY-01		FY-02		
QUARTERS	1 2 3 4		1 2 3 4		1 2 3 4		1 2 3 4		
INPUT	19 19 19 18		14 14 14 14		14 13 13 12				
OUTPUT	4 19 19 19		18 14 14 14		14 13 13 13		12		

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MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB

MODIFICATION TITLE AND NO: ALQ-135 P3I MN-3192C

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC F-15 CLASS P

MODELS OF AIRCRAFT AFFECTED: F-15E

CENTER: WR-ALC

PE 0207134F TEAM POWER

DESCRIPTION/JUSTIFICATION: Adds ALQ-135 Band 3.0 Countermeasures Jammer (determines, takes action). 90 F-15Es require modification. Remainder is Desert Storm payback to C model.

AIRCRAFT BREAKDOWN: Active -- 99 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: Complete.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS												
KITS NONRECUR												
EQUIPMENT	73	167.1	26	52.9								
EQUIP NONREC												
CHANGE ORDERS												
DATA												
SIM/TRAINER												
SUPPORT-EQUIP												
OGC				0.4								
TOTAL COST (BP-1100)	73	167.1	26	53.3								
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION -- ORG/INTERMEDIATE												
INITIAL LEAD TIME -- 16 MONTHS					FOLLOW-ON LEAD TIME -- 16 MONTHS							

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FACT SHEET: F-15 MN-3192C ALQ-135 P3I
 PROJECTED FINANCIAL PLAN (CONTINUED)

(CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)								
PROCUREMENT (3010)								
INSTALL KITS								
KITS NONRECUR								
EQUIPMENT							99	220.0
EQUIP NONREC								
CHANGE ORDERS								
DATA								
SIM/TRAINER								
SUPPORT-EQUIP								
OGC								0.4
TOTAL COST (BP-1100)							99	220.4
(TOTALS MAY NOT ADD DUE TO ROUNDING.)								
MILESTONES								
	FY-92	FY-93	FY-94	FY-95	FY-96	FY-97		
CONTRACT-DATE (QTR/FY)	1/92	1/93		1/95	2/96	2/97		
DELIVERY-DATE (QTR/FY)	2/92	2/94		2/96	3/97	3/98		

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MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE

MODIFICATION TITLE AND NO: SUPER CONVECTIVE SHROUD MN-6086

CLC F-15 CLASS P

MODELS OF AIRCRAFT AFFECTED: F-15E, -229 ENGINE

CENTER: WR-ALC

PE 0207134F TEAM POWER

DESCRIPTION/JUSTIFICATION: Inadequate cooling of the 1st stage high pressure turbine blade outer airseal segments and support causing oxidation/erosion. Mod redesigns to use airfoil cooling concepts.

AIRCRAFT BREAKDOWN: Active -- 75 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: Completed.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS	12	0.5	39	1.6	35	1.5	108	5.0	33	1.5		
KITS NONRECUR												
EQUIPMENT												
EQUIP NONREC												
CHANGE ORDERS												
DATA												
SIM/TRAINER												
SUPPORT-EQUIP												
OGC												
INSTALLATION OF HARDWARE												
FY-96 12 KITS												
FY-97 39 KITS												
FY-98 35 KITS												
FY-99 108 KITS												
FY-00 33 KITS												
TOTAL INSTALL QTY/COST												
TOTAL COST (BP-1100)	12	0.5	39	1.6	35	1.5	108	5.0	33	1.5		
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT OVERHAUL												
INITIAL LEAD TIME -- 10 MONTHS						FOLLOW-ON LEAD TIME -- 10 MONTHS						

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FACT SHEET: F-15 MN-6086 SUPER CONVECTIVE SHROUD (CONTINUED)
 PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)								
PROCUREMENT (3010)								
INSTALL KITS							227	10.2
KITS NONRECUR								
EQUIPMENT								
EQUIP NONREC								
CHANGE ORDERS								
DATA								
SIM/TRAINER								
SUPPORT-EQUIP								
OGC								
INSTALLATION OF HARDWARE								
FY-96 12 KITS								
FY-97 39 KITS								
FY-98 35 KITS								
FY-99 108 KITS								
FY-00 33 KITS								
TOTAL INSTALL QTY/COST								
TOTAL COST (BP-1100)							227	10.2
(TOTALS MAY NOT ADD DUE TO ROUNDING.)								
MILESTONES								
	FY-96	FY-97	FY-98	FY-99	FY-00			
CONTRACT-DATE (QTR/FY)	3/96	1/97	1/98	1/99	1/00			
DELIVERY-DATE (QTR/FY)	3/97	4/97	4/98	4/99	4/00			

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MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB

MODIFICATION TITLE AND NO: FIRST BRUSH SEAL MN-6109

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC F-15 CLASS P

MODELS OF AIRCRAFT AFFECTED: F-15E

CENTER: WR-ALC

PE 0207134F TEAM POWER

DESCRIPTION/JUSTIFICATION: Improved durability to first vane and vane combustor brush seal.

AIRCRAFT BREAKDOWN: Active -- 75 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: Completed.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS	12	0.3	39	0.9	35	1.0	108	3.3	33	1.0		
KITS NONRECUR												
EQUIPMENT												
EQUIP NONREC												
CHANGE ORDERS												
DATA												
SIM/TRAINER												
SUPPORT-EQUIP		0.1		0.1								
OGC										0.5		
INSTALLATION OF HARDWARE												
FY-96 12 KITS												
FY-97 39 KITS												
FY-98 35 KITS												
FY-99 108 KITS												
FY-00 33 KITS												
TOTAL INSTALL QTY/COST												
TOTAL COST (BP-1100)	12	0.4	39	1.0	35	1.0	108	3.3	33	1.5		
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT OVERHAUL												
INITIAL LEAD TIME -- 12 MONTHS						FOLLOW-ON LEAD TIME -- 12 MONTHS						

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FACT SHEET: F-15 MN-6109 FIRST BRUSH SEAL
 PROJECTED FINANCIAL PLAN (CONTINUED)

(CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)								
PROCUREMENT (3010)								
INSTALL KITS							227	6.4
KITS NONRECUR								
EQUIPMENT								
EQUIP NONREC								
CHANGE ORDERS								
DATA								
SIM/TRAINER								0.2
SUPPORT-EQUIP								0.5
OGC								
INSTALLATION OF HARDWARE								
FY-96 12 KITS								
FY-97 39 KITS								
FY-98 35 KITS								
FY-99 108 KITS								
FY-00 33 KITS								
TOTAL INSTALL QTY/COST								
TOTAL COST (BP-1100)							227	7.1
(TOTALS MAY NOT ADD DUE TO ROUNDING.)								
MILESTONES								
	FY-96	FY-97	FY-98	FY-99	FY-00			
CONTRACT-DATE (QTR/FY)	1/96	1/97	1/98	1/99	1/00			
DELIVERY-DATE (QTR/FY)	1/97	1/98	1/99	1/00	1/01			

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MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC F-15 CLASS P

MODIFICATION TITLE AND NO: EAGLE 229 HPT OD FLOWPATH MN-6141

MODELS OF AIRCRAFT AFFECTED: F-15E

CENTER: WR-ALC

PE 0207134F TEAM POWER

DESCRIPTION/JUSTIFICATION: Configure OD flowpath to eliminate potential for recirculation by modifying diffuser case and adding spoolcase.
AIRCRAFT BREAKDOWN: Active -- 75 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: N/A.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS	11	0.4	37	1.5	35	1.3	108	4.3	18	1.3		
KITS NONRECUR												
EQUIPMENT												
EQUIP NONREC												
CHANGE ORDERS												
DATA												
SIM/TRAINER												
SUPPORT-EQUIP		0.5										
OGC						0.6		0.4				
INSTALLATION OF HARDWARE												
FY-96 11 KITS												
FY-97 37 KITS												
FY-98 35 KITS												
FY-99 108 KITS												
FY-00 18 KITS												
TOTAL INSTALL QTY/COST												
TOTAL COST (BP-1100)	11	0.8	37	1.5	35	1.9	108	4.7	18	1.3		
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT OVERHAUL												
INITIAL LEAD TIME -- 9 MONTHS						FOLLOW-ON LEAD TIME -- 9 MONTHS						

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FACT SHEET: F-15 MN-6141 EAGLE 229 HPT OD FLOWPATH (CONTINUED)
 PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)								
PROCUREMENT (3010)								
INSTALL KITS							209	8.8
KITS NONRECUR								
EQUIPMENT								
EQUIP NONREC								
CHANGE ORDERS								
DATA								
SIM/TRAINER								0.5
SUPPORT-EQUIP								0.9
OGC								
INSTALLATION OF HARDWARE								
FY-96 11 KITS								
FY-97 37 KITS								
FY-98 35 KITS								
FY-99 108 KITS								
FY-00 18 KITS								
TOTAL INSTALL QTY/COST								
TOTAL COST (BP-1100)							209	10.2
(TOTALS MAY NOT ADD DUE TO ROUNDING.)								
MILESTONES								
	FY-96	FY-97	FY-98	FY-99	FY-00			
CONTRACT-DATE (QTR/FY)	4/96	1/97	1/98	1/99	1/00			
DELIVERY-DATE (QTR/FY)	3/97	4/97	4/98	4/99	4/00			

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MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB

MODIFICATION TITLE AND NO: APG-63V(1) RADAR UPGRADE MN-8049

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC F-15 CLASS P

MODELS OF AIRCRAFT AFFECTED: F-15 C/D

CENTER: WR-ALC

PE 0207130F TEAM AIR

DESCRIPTION/JUSTIFICATION: Improved radar design for aging APG-63, upgrade F-15C to solve severe parts obsolescence, provide air superiority to 21st century. Current APG-63 becoming logistically unsupportable. Significant improvement to the reliability and maintainability of the radar. This profile uses a form-fit-function sustainment concept vice organic. Installs are not typical depot mod effort; mod will be installed as combined effort with USAF and contractor field team. USAF performs 10 days of preparation prior to entering contractor mod phase. Due to this, some acft will be inducted into installation line in one FY but not begin contractor modification until the next FY. Support Equipment is Special Test Equipment.

AIRCRAFT BREAKDOWN: Active -- 148 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: EMD start Aug 94: Flight test aircraft integration starts Apr 97, Engineering Development Model hardware assembly complete Oct 97.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01		
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	
RDT&E (3600)		135.4		59.1		31.7							
PROCUREMENT (3010)													
INSTALL KITS			4	0.4	17	1.3	25	1.9	25	1.9	23	1.8	
KITS NONRECUR													
EQUIPMENT			(4)	15.5	(17)	66.2	(25)	80.1	(25)	85.4	(23)	83.2	
EQUIP NONREC				7.0		3.3		10.7		1.0		1.0	
CHANGE ORDERS						0.1		4.8		1.4			
DATA				0.4									
SIM/TRAINER													
SUPPORT-EQUIP						10.1		1.9		1.7		1.4	
WARRANTY						1.5		2.2		2.1		2.0	
OGC								0.5		0.5		0.5	
ICS													
INSTALLATION OF HARDWARE													
FY-97 4 KITS							(4)	0.6					
FY-98 17 KITS							(3)	0.4	(14)	2.1			
FY-99 25 KITS									(6)	0.9	(19)	2.8	
FY-00 25 KITS											(6)	0.9	
FY-01 23 KITS													
FY-02 26 KITS													
FY-03 28 KITS													
TOTAL INSTALL QTY/COST								7	1.0	20	3.0	25	3.7
TOTAL COST (BP-1100)			4	23.4	17	82.4	25	103.2	25	97.0	23	93.6	

(TOTALS MAY NOT ADD DUE TO ROUNDING.)

METHOD OF IMPLEMENTATION: INSTALLATION -- CONTRACT FIELD TEAM

INITIAL LEAD TIME -- 18 MONTHS

FOLLOW-ON LEAD TIME -- 18 MONTHS

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FACT SHEET: F-15 MN-8049 APG-63V(1) RADAR UPGRADE (CONTINUED)
 PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)								
PROCUREMENT (3010)								
INSTALL KITS	26	2.1	28	2.3			148	11.7
KITS NONRECUR	(26)	85.0	(28)	89.1				504.5
EQUIPMENT		0.6						23.6
EQUIP NONREC		1.1						7.5
CHANGE ORDERS								0.4
DATA								
SIM/TRAINER		1.7		2.3				19.0
SUPPORT-EQUIP		2.4		2.6				12.7
WARRANTY		0.5		0.5		0.2		2.7
OGC								
ICS								
INSTALLATION OF HARDWARE								
FY-97 4 KITS							(4)	0.6
FY-98 17 KITS							(17)	2.5
FY-99 25 KITS							(25)	3.7
FY-00 25 KITS (19)		2.9					(25)	3.8
FY-01 23 KITS (6)		0.9	(17)	2.6			(23)	3.6
FY-02 26 KITS			(6)	0.9	(20)	3.2	(26)	4.1
FY-03 28 KITS					(28)	4.5	(28)	4.5
TOTAL INSTALL QTY/COST	25	3.8	23	3.6	48	7.7	148	22.8
TOTAL COST (BP-1100)	26	97.2	28	100.3		7.9	148	604.9

(TOTALS MAY NOT ADD DUE TO ROUNDING.)

MILESTONES

	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	FY-04	FY-05
CONTRACT-DATE (QTR/FY)			4/97	1/98	2/99	2/00	2/01	2/02	2/03		
DELIVERY-DATE (QTR/FY)			2/99	4/99	4/00	4/01	4/02	4/03	4/04		

INSTALLATION SCHEDULE:	FY-95				FY-96				FY-97				FY-98				FY-99			
QUARTERS	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
INPUT																				
OUTPUT																				

INSTALLATION SCHEDULE:	FY-00				FY-01				FY-02				FY-03				FY-04			
QUARTERS	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
INPUT	3	5	6	6	6	7	6	6	7	6	6	6	5	6	6	6	6	7	7	7
OUTPUT	3	3	6	6	6	6	7	6	7	6	6	6	6	5	6	6	6	6	7	7

INSTALLATION SCHEDULE:	FY-05			
QUARTERS	1	2	3	4
INPUT	6	8	7	
OUTPUT	7	6	8	5

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MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB

MODIFICATION TITLE AND NO: FIGHTER DATA LINK (FDL) MN-8250

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC F-15 CLASS P

MODELS OF AIRCRAFT AFFECTED: F-15 C/D

CENTER: WR-ALC

PE 0207130F TEAM AIR

DESCRIPTION/JUSTIFICATION: The F-15C/D Fighter Data Link (FDL) program provides a data link radio to support simultaneous intra- and inter-flight two-way communication. The F-15 FDL is interoperable with Joint Tactical Information Distribution System (JTIDS) and other Link 16 capable systems. The system also is secure and anti-jam capable against threats. Per OSD direction, the Multi-function Information Distribution System (MIDS) FDL will be the hardware solution for F-15 FDL.

AIRCRAFT BREAKDOWN: Active -- 194 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: RDT&E completed.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS					46	2.2	136	8.1	12	0.7		
KITS NONRECUR		7.1										
EQUIPMENT					(46)	13.2	(136)	32.5	(12)	3.2		
EQUIP NONREC		3.5		0.9		17.7						
CHANGE ORDERS												
DATA												
SIM/TRAINER										1.0		
SUPPORT-EQUIP				2.4						1.0		
OGC		1.0		2.1		1.5		0.1		1.9		
TOTAL COST (BP-1100)		11.6		5.4	46	34.6	136	40.8	12	7.9		
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION -- ORG/INTERMEDIATE												
INITIAL LEAD TIME -- 12 MONTHS						FOLLOW-ON LEAD TIME -- 12 MONTHS						

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FACT SHEET: F-15 MN-8250 FIGHTER DATA LINK (FDL) (CONTINUED)
 PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)								
PROCUREMENT (3010)								
INSTALL KITS							194	11.0
KITS NONRECUR								7.1
EQUIPMENT								49.0
EQUIP NONREC								22.1
CHANGE ORDERS								
DATA								
SIM/TRAINER								1.0
SUPPORT-EQUIP								3.4
OGC								6.6
TOTAL COST (BP-1100)							194	100.3
(TOTALS MAY NOT ADD DUE TO ROUNDING.)								
MILESTONES								
	FY-96	FY-97	FY-98	FY-99	FY-00			
CONTRACT-DATE (QTR/FY)	4/96	1/97	1/98	1/99	1/00			
DELIVERY-DATE (QTR/FY)	4/97	1/98	1/99	1/00	1/01			

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MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB

MODIFICATION TITLE AND NO: VHSIC CARD MN-8251

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC F-15 CLASS P

MODELS OF AIRCRAFT AFFECTED: F-15A-E

CENTER: WR-ALC

PE 0207134F TEAM POWER

DESCRIPTION/JUSTIFICATION: Modifies VHSIC computer to increase memory to 512K RAM in order to operate avionics mods and OFP. Commodity mod.
AIRCRAFT BREAKDOWN: Active -- 415 RES -- 0 ANG -- 116

DEVELOPMENT STATUS: N/A.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS												
KITS NONRECUR	61	3.2										
EQUIPMENT	738	9.1										
EQUIP NONREC												
CHANGE ORDERS												
DATA												
SIM/TRAINER												
SUPPORT-EQUIP				0.1								
MOD OF SPARES	(921)	1.6										
INSTALLATION OF HARDWARE												
FY-93 61 KITS	(32)											
FY-95 738 KITS	(767)	0.8	(800)	0.2								
TOTAL INSTALL QTY/COST	799	0.9	800	0.2								
TOTAL COST (BP-1100)	799	14.7		0.3								

(TOTALS MAY NOT ADD DUE TO ROUNDING.)

METHOD OF IMPLEMENTATION: INSTALLATION -- CONTRACT FIELD TEAM

INITIAL LEAD TIME -- 9 MONTHS

FOLLOW-ON LEAD TIME -- 9 MONTHS

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FACT SHEET: F-15 MN-8251 VHSIC CARD
 PROJECTED FINANCIAL PLAN (CONTINUED)

(CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)								
PROCUREMENT (3010)								
INSTALL KITS								
KITS NONRECUR							61	3.2
EQUIPMENT							738	9.1
EQUIP NONREC								
CHANGE ORDERS								
DATA								
SIM/TRAINER								
SUPPORT-EQUIP								0.1
MOD OF SPARES								1.6
INSTALLATION OF HARDWARE								
FY-93 61 KITS							(32)	0.0
FY-95 738 KITS							(1567)	1.0
TOTAL INSTALL QTY/COST							1599	1.1
TOTAL COST (BP-1100)							799	15.0
(TOTALS MAY NOT ADD DUE TO ROUNDING.)								
MILESTONES								
	FY-93	FY-94	FY-95	FY-96	FY-97	FY-98		
CONTRACT-DATE (QTR/FY)	2/95		3/96					
DELIVERY-DATE (QTR/FY)	2/96		2/97					
INSTALLATION SCHEDULE:	FY-93		FY-94		FY-95		FY-96	FY-97
QUARTERS	1 2 3 4		1 2 3 4		1 2 3 4		1 2 3 4	1 2 3 4
INPUT							10 10	20 21 123 123
OUTPUT							10 10	20 21 123 123
INSTALLATION SCHEDULE:	FY-98							
QUARTERS	1 2 3 4							
INPUT	123 123 123 132							
OUTPUT	123 123 123 132							

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MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB

MODIFICATION TITLE AND NO: DIGITAL MAP SYSTEM MN-T8237

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC F-15 CLASS P

MODELS OF AIRCRAFT AFFECTED: F-15E

CENTER: WR-ALC

PE 0207134F TEAM POWER

DESCRIPTION/JUSTIFICATION: Replaces remote map reader with digital system incorporating R&M improvements.

AIRCRAFT BREAKDOWN: Active -- 202 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: Completed.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS												
KITS NONRECUR												
EQUIPMENT							16	2.5	70	10.2	116	16.0
EQUIP NONREC												
CHANGE ORDERS												
DATA								0.4		0.3		0.1
SIM/TRAINER										0.9		1.0
SUPPORT-EQUIP								0.1		0.2		
PROGRAM MNGMT								0.3		0.7		0.5
WARRANTY								0.1		0.3		0.5
TOTAL COST (BP-1100)							16	3.4	70	12.6	116	18.1
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION -- ORG/INTERMEDIATE												
INITIAL LEAD TIME -- 12 MONTHS						FOLLOW-ON LEAD TIME -- 12 MONTHS						

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FACT SHEET: F-15 MN-T8237 DIGITAL MAP SYSTEM (CONTINUED)
 PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)								
PROCUREMENT (3010)								
INSTALL KITS								
KITS NONRECUR								
EQUIPMENT							202	28.7
EQUIP NONREC								
CHANGE ORDERS								
DATA								0.8
SIM/TRAINER								1.9
SUPPORT-EQUIP								0.3
PROGRAM MNGMT								1.5
WARRANTY								0.9
TOTAL COST (BP-1100)							202	34.1
(TOTALS MAY NOT ADD DUE TO ROUNDING.)								
MILESTONES								
	FY-97	FY-98	FY-99	FY-00	FY-01			
CONTRACT-DATE (QTR/FY)			1/99	1/00	1/01			
DELIVERY-DATE (QTR/FY)			1/00	1/01	1/02			

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)								DATE FEBRUARY 1998
APPROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT AF/AIRCRAFT MODIFICATIONS				P-1 ITEM NOMENCLATURE: F-16				
	1997	1998	1999	2000	2001	2002	2003	
COST (In Mil)	\$129.869	\$215.231	\$229.319	\$244.501	\$278.427	\$254.692	\$206.296	

This line item funds modifications to the F-16 aircraft. The F-16 is a multi-role fighter capable of employing a wide variety of nuclear and conventional weapons and missiles in both the air-to-surface and air-to-air mission areas. The overall goal of the modifications budgeted in FY99 is to increase flying safety, combat capability, reliability, maintainability, and provide for structural improvements to the airframe to ensure meeting the projected 8000 hour service life and permit replacement of the F-16 beginning approximately 2015. The specific modifications budgeted and programmed are below.

CLASS	MOD NR	MODIFICATION TITLE	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	COST TO GO	TOTAL PROG.
P-S	18503A	WING BEEF-UP	0.9	1.6	1.1						12.9
	99999A	LOW COST SAFETY MODIFICATIONS	0.6		0.4	1.9	0.1				4.9
	99999Y	LOW COST ENGINE SAFETY MODIFIC	0.4		0.3	1.9	1.8	0.1	0.7		7.0
		CLASS P-S TOTAL FOR F-16	1.9	1.6	1.8	3.8	1.9	0.1	0.7		
P	1591	600 GALLON EXTERNAL FUEL TANKS	4.0	7.7							13.7
	173009	F110 DIGITAL ENGINE CONTROL (D	17.4	17.6	18.1	20.1	21.6	18.2	16.7	8.1	172.0
	19229E	FALCON 229 ENGINE UPGRADE	0.2	0.5	1.5	1.9	1.2	1.0	2.2		16.1
	3088	RADAR WARNING RECEIVER UPDATE	0.3	0.6	1.0						158.3
	3150M	NAVSTAR GPS - CUPID	22.2	37.6	16.7	22.9	9.6	3.5			112.5
	3450	ALE-47	0.7	2.0	3.5	7.8	5.3	2.4	1.9	0.5	54.8
	4260	ADVANCED WEAPON INTEGRATION	2.7	3.8	2.0						23.7
	426030	ADVANCED WEAPONS INTEGRATION (					2.0	4.0	4.0	10.8	20.8
	4262	DIGITAL TERRAIN SYSTEM (DTS)		11.5			15.4	15.4			42.4
	50003B	REDESIGNED F-16 BRAKE CONTROL/	2.3	5.4							10.8
	5013	RF TOWED DECOY SYSTEMS	19.8	40.6	18.7	18.2	18.3	5.1	1.4	9.7	131.8
	57U051	RELOCATE FORWARD RWR ANTENNA	0.7	1.1	0.6						12.5
	58006A	WOW SWITCH	0.1	0.2	0.1						3.0
	58044B	CHAFF/FLARE PROGRAMMER	0.1	0.2	0.1						2.3
	6020	SCREECH / EXHAUST DUCT LINER B			2.6	0.6					3.2
	602030	BLOCK 30 NIGHT VISION IMAGING		4.1	10.0	5.2	4.2	1.5			25.0
	602040	BLK 40/50 NIGHT VISION IMAGING		6.1	16.7	26.1	21.7	0.5			71.1
	602041	BLOCK 40 CAS INTEGRATED DATA M		5.4	11.6	3.1					20.1
	602140	BLK 40 MODULAR MISSION COMPUTE						34.3	37.4	209.0	280.7
	602150	BLK 50 MODULAR MISSION COMPUTE			21.0	44.6	47.2	19.9	8.2	2.4	143.4
	6022	PRE BLK 40 STRUCTURAL IMPROVEM	32.1	42.1	31.9	31.7	7.9				234.5
	602240	BLOCK 40 STRUCTURAL IMPROVEMEN	17.9	17.8	9.9						76.0
	602250	BLOCK 50/52 STRUCTURAL IMPROVE					2.7	3.3	1.6		7.5
	603030	ALQ-213 COUNTERMEASURE SET (CM			9.1	11.8	6.4	2.7			30.1

Totals may not add due to rounding.

	P-1 SHOPP LIST ITEM NO. 032	PAGE NO.	
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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)								DATE FEBRUARY 1998
APPROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT AF/AIRCRAFT MODIFICATIONS				P-1 ITEM NOMENCLATURE: F-16				
	1997	1998	1999	2000	2001	2002	2003	
COST (In Mil)	\$129.869	\$215.231	\$229.319	\$244.501	\$278.427	\$254.692	\$206.296	

CLASS	MOD NR	MODIFICATION TITLE	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	COST TO GO	TOTAL PROG.
P	610240	BLOCK 40 COLOR DISPLAYS - CCIP						16.9	19.1	89.2	125.2
	610250	BLOCK 50 COLOR DISPLAYS - CCIP			13.2	30.6	34.9	14.4	7.4	2.2	102.7
	610330	BLOCK 30 ENHANCED FIRE CONTROL			5.7	4.7	4.4				14.8
	611130	BLOCK 30 IMPROVED FLIGHT CONTR								27.8	27.8
	6300	ON BOARD OXYGEN GENERATION SYS	0.5			5.2	7.8	10.4	6.2	57.3	87.3
	6400	BLOCK 50 IMPROVED AIRBORNE VID	1.3								9.2
	650040	BLOCK 40 JOINT HELMET MOUNTED						11.2	6.4	71.0	88.6
	650050	BLOCK 50 JOINT HELMET MOUNTED					16.3	16.7	13.7	13.4	60.2
	661640	BLOCK 40 LINK 16 - CCIP						25.8	26.4	126.2	178.4
	661650	BLOCK 50 LINK 16 - CCIP					45.5	45.5	51.2	12.8	155.0
	99999E	MISC ENGINE UPDATE MODS	1.7		1.7	0.4			0.4		6.7
	99999U	LOW COST RETROFIT MODS	0.1								2.4
	99999X	LOW COST MODIFICATIONS	0.5	0.3	1.9				0.1		8.0
	F16HTS	HARM TARGETING SYSTEM	9.3								9.3
	F18001	F110-GE-100/129 #4 BEARING			2.0	2.0	1.4	0.5			5.9
	F18002	F110 MEC	0.1	1.1	1.0						2.4
	F18003	F110 EXHAUST NOZZLE RETROFIT	0.4	1.1							1.5
	F19000	F110 TURBINE FRAME OIL TUBE/VIS	1.8								9.0
	F19400	F110-GE-129 (DEC) UPGRADE	1.1								9.1
	F19401	-229 HPT OD FLOWPATH CIP TASK		0.2	0.4	0.9	0.6	0.5	0.9		3.5
	F19403	COMBUSTER IMPROVEMENTS		0.6							0.6
	F19407	F110-GE-100 T4B PYROMETER REDE		0.4	0.4	0.5	0.5	0.6	0.6		3.0
	F19410	F110 DEC HARDWARE RETROFIT		0.3	2.3	2.4	1.5	0.2			6.8
	F19411	F100 IMPROVED TURBINE FASTENER		0.1	0.1						0.2
	F19412	F110-GE-129 EMS IMPROVEMENTS			0.6						0.6
	Z88888	REPROGRAMMINGS	-9.3	2.5							-4.8
	_N1VJR	HTS PLUS UP		2.9							2.9
	_W01TF	ANG/AFRES TARGETING PODS			23.1						23.1
	CLASS P	TOTAL FOR F-16	128.0	213.6	227.5	240.7	276.5	254.6	205.6	640.4	
	TOTAL FOR F-16		129.9	215.2	229.3	244.5	278.4	254.7	206.3	640.4	

Totals may not add due to rounding.

	P-1 SHOPP LIST ITEM NO. 032	PAGE NO.	
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DATE 01/26/98

MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB

MODIFICATION TITLE AND NO: WING BEEF-UP MN-18503A

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC F-16 CLASS P-S

MODELS OF AIRCRAFT AFFECTED: A/C BLK 25/30/32

CENTER: ASC

PE 0207133F TEAM POWER

DESCRIPTION/JUSTIFICATION: This mod repairs cracks in pre-block 40 aircraft at the # 2,3, and 4 access holes. Testing shows the critical failure path is through the four wing skin access holes at bl 71.00 which decreases the wing structural strength, and has resulted in an 8.5G restriction for Block 30 aircraft. Mod corrects the problems by modification of wing root fairings to allow aircraft to withstand 9g design requirements and by reworking skin assemblies to increase static strength and durability. Failure to accomplish this modification could result in aircraft grounding due to cracks in upper wing skin.

AIRCRAFT BREAKDOWN: Active -- 487 RES -- 200 ANG -- 525

DEVELOPMENT STATUS:

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS	1201	7.4										
KITS NONRECUR												
EQUIPMENT												
EQUIP NONREC												
CHANGE ORDERS												
DATA												
SIM/TRAINER												
SUPPORT-EQUIP												
INSTALLATION OF HARDWARE												
FY-89 454 KITS (454)												
FY-90 447 KITS (447)		0.5										
FY-93 180 KITS (101)		1.4										
FY-94 66 KITS (50)				0.6								
FY-95 54 KITS (8)				0.3	(108)	1.6	(57)	1.1				
TOTAL INSTALL QTY/COST	1002	1.9	58	0.9	108	1.6	57	1.1				
TOTAL COST (BP-1100)	1201	9.3		0.9		1.6		1.1				
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT												
INITIAL LEAD TIME -- 12 MONTHS						FOLLOW-ON LEAD TIME -- 12 MONTHS						

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FACT SHEET: F-16 MN-18503A WING BEEF-UP
 PROJECTED FINANCIAL PLAN (CONTINUED)

(CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL					
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT				
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS							1201	7.4				
KITS NONRECUR												
EQUIPMENT												
EQUIP NONREC												
CHANGE ORDERS												
DATA												
SIM/TRAINER												
SUPPORT-EQUIP												
INSTALLATION OF HARDWARE												
FY-89 454 KITS							(454)					
FY-90 447 KITS							(447)	0.5				
FY-93 180 KITS							(101)	1.4				
FY-94 66 KITS							(50)	0.6				
FY-95 54 KITS							(173)	3.0				
TOTAL INSTALL QTY/COST							1225	5.5				
TOTAL COST (BP-1100)							1201	12.9				
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
MILESTONES												
	FY-89	FY-90	FY-91	FY-92	FY-93	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	
CONTRACT-DATE (QTR/FY)	4/90	3/91			1/93	1/94	1/95					
DELIVERY-DATE (QTR/FY)	1/91	3/92			1/94	1/95	1/96					
INSTALLATION SCHEDULE:	FY-89			FY-90			FY-91			FY-92		FY-93
QUARTERS	1 2 3 4			1 2 3 4			1 2 3 4			1 2 3 4		1 2 3 4
INPUT							40 40 40 40			69 70 70 70		77 78 77 78
OUTPUT							40 40 40 40			69 70 70 70		77 78 77 78
INSTALLATION SCHEDULE:	FY-94			FY-95			FY-96			FY-97		FY-98
QUARTERS	1 2 3 4			1 2 3 4			1 2 3 4			1 2 3 4		1 2 3 4
INPUT	54 51 62 59			17 18 8 9			19 18 18 19			14 14 15 15		15 15 7 8
OUTPUT	54 51 62 59			17 18 8 9			19 18 18 19			14 14 15 15		15 15 7 8
INSTALLATION SCHEDULE:	FY-99											
QUARTERS	1 2 3 4											
INPUT	4 4											
OUTPUT	4 4											

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DATE 01/26/98

MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB

MODIFICATION TITLE AND NO: 600 GALLON EXTERNAL FUEL TANKS MN-1591

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC F-16 CLASS P

MODELS OF AIRCRAFT AFFECTED: BLOCK 50

CENTER: ASC

PE 0207133F TEAM POWER

DESCRIPTION/JUSTIFICATION: This mod will provide enhanced range/loiter capability for a small number of Block 50 F-16s performing SEAD (force protection) missions. It will also provide the opportunity for ACC to evaluate 600 gallon external fuel tanks as a possible solution to their range and loiter limitation identified in the FICOP (Fighter Configuration Plan). SEAD mission accomplishment will be degraded if mod not accomplished.

AIRCRAFT BREAKDOWN: Active -- 10 RES -- 0 ANG -- 0

DEVELOPMENT STATUS:

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS												
KITS NONRECUR	(22)	1.7	(40)	3.5	(80)	7.2						
EQUIPMENT												
EQUIP NONREC												
CHANGE ORDERS												
DATA		0.2		0.3		0.3						
SIM/TRAINER												
SUPPORT-EQUIP		0.1		0.2		0.2						
INSTALLATION OF HARDWARE												
TOTAL INSTALL QTY/COST												
TOTAL COST (BP-1100)		2.0		4.0		7.7						
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION -- CONTRACT FIELD TEAM												
INITIAL LEAD TIME -- 6 MONTHS					FOLLOW-ON LEAD TIME -- 0 MONTHS							

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FACT SHEET: F-16 MN-1591 600 GALLON EXTERNAL FUEL TANKS (CONTINUED)
 PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)								
PROCUREMENT (3010)								
INSTALL KITS								
KITS NONRECUR								
EQUIPMENT								12.4
EQUIP NONREC								
CHANGE ORDERS								
DATA								0.8
SIM/TRAINER								
SUPPORT-EQUIP								0.5
INSTALLATION OF HARDWARE								
TOTAL INSTALL QTY/COST								
TOTAL COST (BP-1100)								13.7
(TOTALS MAY NOT ADD DUE TO ROUNDING.)								
MILESTONES								
		FY-96						

CONTRACT-DATE (QTR/FY)		4/96						
DELIVERY-DATE (QTR/FY)		3/97						

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DATE 01/26/98

MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB

MODIFICATION TITLE AND NO: F110 DIGITAL ENGINE CONTROL (DEC) MN-173009

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC F-16 CLASS P

MODELS OF AIRCRAFT AFFECTED: BLOCK 30/40

CENTER: ASC

PE 0207133F TEAM POWER

DESCRIPTION/JUSTIFICATION: Replaces the existing analog AFT control with Digital Engine Control (DEC). Includes a variable stator vane fail safe system, the addition of two backup control modes, and the elimination of engine-caused auto accels. Mod will improve safety, reliability, supportability, and maintainability of F110-100 engine. Saves 11 aircraft over remaining life of weapon system. F110-100 DEC hardware is identical to Block 50 DEC which assists field supportability.

AIRCRAFT BREAKDOWN: Active -- 437 RES -- 49 ANG -- 320

DEVELOPMENT STATUS: Development complete. Development under the Component Improvement Program.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS	163	21.9	96	15.0	82	13.6	81	13.3	90	15.1	94	16.1
KITS NONRECUR												
EQUIPMENT												
EQUIP NONREC												
CHANGE ORDERS												
DATA												
SIM/TRAINER												
SUPPORT-EQUIP		2.5										
GFP	(226)	6.3	(100)	2.4	(125)	3.1	(130)	3.1	(127)	3.1	(139)	3.4
TO'S		0.9										
EMSC UPGRADE		0.4										
MEC UPGRADE	(25)	2.3			(171)	0.8	(180)	1.8	(180)	1.9	(175)	2.1
INSTALLATION OF HARDWARE												
FY-93 34 KITS												
FY-94 41 KITS	(6)											
FY-96 88 KITS			(6)									
FY-97 96 KITS					(13)	0.1						
FY-98 82 KITS												
FY-99 81 KITS												
FY-00 90 KITS												
FY-01 94 KITS												
FY-02 71 KITS												
FY-03 70 KITS												
FY-04 42 KITS												
TOTAL INSTALL QTY/COST	6		6		13	0.1						
TOTAL COST (BP-1100)	163	34.3	96	17.4	82	17.6	81	18.1	90	20.1	94	21.6

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FACT SHEET: F-16 MN-173009 F110 DIGITAL ENGINE CONTROL (DEC)
PROJECTED FINANCIAL PLAN (CONTINUED)

(CONTINUED)

(TOTALS MAY NOT ADD DUE TO ROUNDING.)

METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT/FIELD TEAM
INITIAL LEAD TIME -- 14 MONTHS

FOLLOW-ON LEAD TIME -- 14 MONTHS

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FACT SHEET: F-16 MN-173009 F110 DIGITAL ENGINE CONTROL (DEC) (CONTINUED)
 PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL			
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT		
RDT&E (3600)										
PROCUREMENT (3010)										
INSTALL KITS	71	12.5	70	12.6	42	8.1	789	128.2		
KITS NONRECUR										
EQUIPMENT										
EQUIP NONREC										
CHANGE ORDERS										
DATA										
SIM/TRAINER										
SUPPORT-EQUIP								2.5		
GFP	(138)	3.5	(88)	2.3				27.1		
TO'S								0.9		
EMSC UPGRADE								0.4		
MEC UPGRADE	(175)	2.3	(124)	1.8				12.9		
INSTALLATION OF HARDWARE										
FY-93 34 KITS										
FY-94 41 KITS							(6)	0.0		
FY-96 88 KITS							(6)	0.0		
FY-97 96 KITS							(13)	0.1		
FY-98 82 KITS										
FY-99 81 KITS										
FY-00 90 KITS										
FY-01 94 KITS										
FY-02 71 KITS										
FY-03 70 KITS										
FY-04 42 KITS										
TOTAL INSTALL QTY/COST							25	0.1		
TOTAL COST (BP-1100)	71	18.2	70	16.7	42	8.1	789	172.0		
(TOTALS MAY NOT ADD DUE TO ROUNDING.)										
MILESTONES										
	FY-93	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02
CONTRACT-DATE (QTR/FY)	3/95	3/95	3/95	1/96	1/97	1/98	1/99	1/00	1/01	1/02
DELIVERY-DATE (QTR/FY)	3/96	3/96	3/96	1/97	1/98	1/99	1/00	1/01	1/02	1/03

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FACT SHEET: F-16 MN-173009 F110 DIGITAL ENGINE CONTROL (DEC)
PROJECTED FINANCIAL PLAN (CONTINUED)

(CONTINUED)

INSTALLATION SCHEDULE:	FY-93				FY-94				FY-95				FY-96				FY-97			
QUARTERS	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
INPUT														3	3	2	2	1	1	
OUTPUT														3	3	2	2	1	1	

INSTALLATION SCHEDULE:	FY-98				FY-99				FY-00				FY-01				FY-02			
QUARTERS	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
INPUT	3	3	3	4	6	6	6	7	28	28	28	29	28	28	29	29	26	26	27	27
OUTPUT	3	3	3	4	6	6	6	7	28	28	28	29	28	28	29	29	26	26	27	27

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DATE 01/26/98

MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC F-16 CLASS P

MODIFICATION TITLE AND NO: FALCON 229 ENGINE UPGRADE MN-19229E

MODELS OF AIRCRAFT AFFECTED: BLOCK 52

CENTER: ASC

PE 0207133F TEAM POWER

DESCRIPTION/JUSTIFICATION: The Falcon 229 program is designated to enhance F-16 safety and improve maintainability by accelerating F-16/F100-PW-229 engine maturation. This will be accomplished through design improvements, early identification of problems, and augmented field support. The design improvement portion of Falcon 229 is comprised of four blocks, phased to coincide with the 4th stage blade retrofits. Each block consists of different tasks, consequently the cost varies between blocks. Incorporation of all the tasks will reduce the in-flight shut down rate to 2/100,000 engine flight hours. This means six aircraft and possibly crews will be saved every 100,000 fleet hours. Installation in FYs 94 and 95 is organizational level, requiring no installation funds. Remaining years are depot installation.

AIRCRAFT BREAKDOWN: Active -- 36 RES -- 0 ANG -- 18

DEVELOPMENT STATUS: Mod includes numerous engine ECPs. Development under the Component Improvement Program.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)		5.5		1.0								
PROCUREMENT (3010)												
INSTALL KITS	1253	5.5			15	0.2	9	1.5	24	1.9	14	1.2
KITS NONRECUR EQUIPMENT												
EQUIP NONREC CHANGE ORDERS		0.2		0.2								
DATA SIM/TRAINER												
SUPPORT-EQUIP		2.0				0.3						
INSTALLATION OF HARDWARE												
FY-94 927 KITS												
FY-95 320 KITS												
FY-96 6 KITS												
FY-98 15 KITS												
FY-99 9 KITS												
FY-00 24 KITS												
FY-01 14 KITS												
FY-02 11 KITS												
FY-03 18 KITS												
TOTAL INSTALL QTY/COST												
TOTAL COST (BP-1100)	1253	7.7		0.2	15	0.5	9	1.5	24	1.9	14	1.2

(TOTALS MAY NOT ADD DUE TO ROUNDING.)

METHOD OF IMPLEMENTATION: INSTALLATION -- COMBINATION

INITIAL LEAD TIME -- 12 MONTHS

FOLLOW-ON LEAD TIME -- 12 MONTHS

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FACT SHEET: F-16 MN-19229E FALCON 229 ENGINE UPGRADE (CONTINUED)
 PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL					
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT				
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS	11	1.0	18	2.2			1344	13.5				
KITS NONRECUR												
EQUIPMENT												
EQUIP NONREC												
CHANGE ORDERS									0.4			
DATA												
SIM/TRAINER												
SUPPORT-EQUIP									2.3			
INSTALLATION OF HARDWARE												
FY-94 927 KITS												
FY-95 320 KITS												
FY-96 6 KITS												
FY-98 15 KITS												
FY-99 9 KITS												
FY-00 24 KITS												
FY-01 14 KITS												
FY-02 11 KITS												
FY-03 18 KITS												
TOTAL INSTALL QTY/COST												
TOTAL COST (BP-1100)	11	1.0	18	2.2			1344	16.1				
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
MILESTONES												
	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	FY-04	FY-05
CONTRACT-DATE (QTR/FY)	4/94	2/95	2/96	2/97	2/98	2/99	2/00	2/01	2/02	2/03		
DELIVERY-DATE (QTR/FY)	4/95	2/96	2/97	2/98	2/99	2/00	2/01	2/02	2/03	2/04		
INSTALLATION SCHEDULE:	FY-94			FY-95			FY-96		FY-97			FY-98
QUARTERS	1 2 3 4			1 2 3 4			1 2 3 4		1 2 3 4			1 2 3 4
INPUT									1		1	2 1 1
OUTPUT										1		1 2
INSTALLATION SCHEDULE:	FY-99			FY-00			FY-01		FY-02			FY-03
QUARTERS	1 2 3 4			1 2 3 4			1 2 3 4		1 2 3 4			1 2 3 4
INPUT	6 1 4			3 11 14			10 13 19 15 30		14 18 18 17			10 19 5 10
OUTPUT	1 1 6			1 4 3 11 14			10 13 19 15 30 14 18 14 18 18 17 10 19					
INSTALLATION SCHEDULE:	FY-04			FY-05								
QUARTERS	1 2 3 4			1 2 3 4								
INPUT	25 25 20 8											
OUTPUT	5 10 25 25			20 8								

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MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB

MODIFICATION TITLE AND NO: RADAR WARNING RECEIVER UPDATE PROGRAM MN-3088

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC F-16 CLASS P

MODELS OF AIRCRAFT AFFECTED: F-16C/D BLK 40

CENTER: ASC

PE 0207133F TEAM POWER

DESCRIPTION/JUSTIFICATION: This mod contains two distinct retrofit efforts. The first retrofit replaces the ALR-69 on Block 40 F-16s with an Advanced Radar Warning Receiver (ARWR) set (ALR-56M). The RWR will provide increased detection range, increased speed and accuracy for dense threat environments. It will also identify new threats. Support equipment, trainers and data will be provided by production program. The second retrofit replaces the CPU in the Analysis Processor (LRU-5) of the ALR-56M to improve system memory and reduce processing time. The replacement computer (RCPU) contract buys mod kits that consist of a new commercial off-the-shelf (COTS) CPU and four jumper boards to constitute a form, fit, function replacement for the old CPU. The baseline software was rehosted ADA to accommodate the COTS CPU. The RCPU kits will be installed via forced retrofit depot mod at WR-ALC.

AIRCRAFT BREAKDOWN: Active -- 369 RES -- 0 ANG -- 15

DEVELOPMENT STATUS: Complete.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS	384	42.7										
KITS NONRECUR												
EQUIPMENT (165)		66.3										
EQUIP NONREC												
CHANGE ORDERS												
DATA												
SIM/TRAINER												
SUPPORT-EQUIP												
INTEGRATION		23.4										
ECP/COMPUTER		23.2					(350)	0.8	(330)			
FDT												
INSTALLATION OF HARDWARE												
FY-89 190 KITS	(139)	0.8	(56)	0.3	(3)							
FY-90 32 KITS												
FY-91 21 KITS												
FY-92 40 KITS												
FY-94 101 KITS					(35)	0.5	(22)	0.2	(2)			
TOTAL INSTALL QTY/COST	139	0.8	56	0.3	38	0.6	22	0.2	2			
TOTAL COST (BP-1100)	384	156.4		0.3		0.6		1.0				

(TOTALS MAY NOT ADD DUE TO ROUNDING.)

METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT

INITIAL LEAD TIME -- 24 MONTHS

FOLLOW-ON LEAD TIME -- 15 MONTHS

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FACT SHEET: F-16 MN-3088 RADAR WARNING RECEIVER UPDATE PROGRAM (CONTINUED)
 PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL							
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT						
RDT&E (3600)														
PROCUREMENT (3010)														
INSTALL KITS							384	42.7						
KITS NONRECUR														
EQUIPMENT								66.3						
EQUIP NONREC														
CHANGE ORDERS														
DATA														
SIM/TRAINER														
SUPPORT-EQUIP														
INTEGRATION								23.4						
ECP/COMPUTER								24.1						
FDT														
INSTALLATION OF HARDWARE														
FY-89 190 KITS							(198)	1.1						
FY-90 32 KITS														
FY-91 21 KITS														
FY-92 40 KITS														
FY-94 101 KITS							(59)	0.7						
TOTAL INSTALL QTY/COST							257	1.8						
TOTAL COST (BP-1100)							384	158.3						
(TOTALS MAY NOT ADD DUE TO ROUNDING.)														
MILESTONES	FY-89	FY-90	FY-91	FY-92	FY-93	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00		
CONTRACT-DATE (QTR/FY)					1/93	3/94	2/95							
DELIVERY-DATE (QTR/FY)					2/94	4/95	3/96							
INSTALLATION SCHEDULE:	FY-94	FY-95			FY-96				FY-97				FY-98	
QUARTERS	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4		
INPUT	10 12 14 13	10 15 12 13	11 14 15 14	14 14 14 14	10 10 9 9									
OUTPUT	10 12 14 13	10 15 12 13	11 14 15 14	14 14 14 14	10 10 9 9									
INSTALLATION SCHEDULE:	FY-99	FY-00												
QUARTERS	1 2 3 4	1 2 3 4												
INPUT	6 6 5 5	2												
OUTPUT	6 6 5 5	2												

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DATE 01/26/98

MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC F-16 CLASS P

MODIFICATION TITLE AND NO: NAVSTAR GPS - CUPID MN-3150M

MODELS OF AIRCRAFT AFFECTED: F-16C/D BLK 25/30/32

CENTER: ASC

PE 0207133F TEAM POWER

DESCRIPTION/JUSTIFICATION: The Navstar Global Positioning System (GPS) provides user equipment for F-16 BLK 25/30/32 aircraft to compute platform position/velocity as well as aid computation of steering vectors to target locations. This avionics mod will install the embedded GPS/INS (EGI) that combines a ring laser gyro INS, a GEM II GPS receiver card, and a master kalman navigation filter in a single LRU. Existing RLG/INUs in the Block 25/30/32 aircraft removed as a result of this mod will be installed in Block 40/50 aircraft (which are equipped with LN-39 mechanical INUs). No funding for aircraft OFP development is included as integration will occur in conjunction with OFP update (SCU-4). Depot installation to be accomplished as part of the Block 25/30/32 Combat Upgrade Plan Integrated Details (CUPID). CUPID integrates GPS, NVIS, SADL, and CMS modifications under a cost avoidance, common configuration plan.

AIRCRAFT BREAKDOWN: Active -- 194 RES -- 71 ANG -- 347

DEVELOPMENT STATUS: EGI integration contract awarded 2/94; EGI F-16 missionization EDR completed; EGI integration unit deliveries completed. Group A development contract awarded 1/96; Group A's PDR, CDR, and mock-up installation completed; T&E aircraft T-2 modifications completed. Integration testing (with SCU-4 OFP testing) began 5/97.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)		8.8		4.2		4.7		3.2				
PROCUREMENT (3010)												
INSTALL KITS			150	6.1	282	11.1	60	2.9	81	3.7	39	1.7
KITS NONRECUR				2.7		0.9						
EQUIPMENT			(150)	13.4	(282)	25.5	(60)	5.7	(81)	7.6	(39)	3.5
EQUIP NONREC												
CHANGE ORDERS												
DATA												
SIM/TRAINER										3.7		
SUPPORT-EQUIP												
INSTALLATION OF HARDWARE												
FY-97 150 KITS					(10)	0.2	(135)	4.7	(5)	0.2		
FY-98 282 KITS							(97)	3.4	(169)	6.3	(11)	0.5
FY-99 60 KITS									(40)	1.5	(20)	1.0
FY-00 81 KITS											(61)	2.9
FY-01 39 KITS												
TOTAL INSTALL QTY/COST					10	0.2	232	8.1	214	7.9	92	4.4
TOTAL COST (BP-1100)			150	22.2	282	37.6	60	16.7	81	22.9	39	9.6
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT/FIELD TEAM												
INITIAL LEAD TIME -- 18 MONTHS						FOLLOW-ON LEAD TIME -- 18 MONTHS						

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FACT SHEET: F-16 MN-3150M NAVSTAR GPS - CUPID (CONTINUED)
 PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)								
PROCUREMENT (3010)								
INSTALL KITS							612	25.4
KITS NONRECUR								3.5
EQUIPMENT								55.6
EQUIP NONREC								
CHANGE ORDERS								
DATA								
SIM/TRAINER								3.7
SUPPORT-EQUIP								
INSTALLATION OF HARDWARE								
FY-97 150 KITS							(150)	5.1
FY-98 282 KITS (5)		0.3					(282)	10.5
FY-99 60 KITS							(60)	2.4
FY-00 81 KITS (20)		1.1					(81)	4.0
FY-01 39 KITS (39)		2.1					(39)	2.1
TOTAL INSTALL QTY/COST	64	3.5					612	24.2
TOTAL COST (BP-1100)		3.5					612	112.5

(TOTALS MAY NOT ADD DUE TO ROUNDING.)

MILESTONES

	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02
CONTRACT-DATE (QTR/FY)			2/97	1/98	1/99	1/00	1/01	
DELIVERY-DATE (QTR/FY)			4/98	3/99	3/00	3/01	3/02	

INSTALLATION SCHEDULE:	FY-95				FY-96				FY-97				FY-98				FY-99				
QUARTERS	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	
INPUT																	10	58	58	58	58
OUTPUT																	10	58	58	58	58

INSTALLATION SCHEDULE:	FY-00				FY-01				FY-02			
QUARTERS	1	2	3	4	1	2	3	4	1	2	3	4
INPUT	53	54	53	54	18	18	28	28	12	12	20	20
OUTPUT	53	54	53	54	18	18	28	28	12	12	20	20

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DATE 01/26/98

MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB
MODIFICATION TITLE AND NO: ALE-47 MN-3450

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC F-16 CLASS P

MODELS OF AIRCRAFT AFFECTED: F-16C/D

CENTER: ASC

PE 0207133F TEAM POWER

DESCRIPTION/JUSTIFICATION: Retrofits F-16C/D BLK 40/42/50/52 with ALE-47 automatic/semi-automatic flare/chaff dispensing system. Provides much greater survivability due to the ability to provide compatible flare/chaff responses triggered by on-board sensors rather than by the pilot through preplanned and preprogrammed dispenser loads.

AIRCRAFT BREAKDOWN: Active -- 472 RES -- 0 ANG -- 206

DEVELOPMENT STATUS: Complete.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS	449	3.2					44	0.1	84	0.1	84	0.1
KITS NONRECUR		0.9			0.2							
EQUIPMENT	(449)	19.5					(44)	1.3	(84)	2.6	(84)	2.7
EQUIP NONREC		0.6										
CHANGE ORDERS		2.0		0.2		0.3		0.6		3.5		0.6
DATA		1.3				0.1		0.2		0.3		0.9
SIM/TRAINER												
SUPPORT-EQUIP	(72)	1.8						0.3		0.7		
INSTALLATION OF HARDWARE												
FY-92 93 KITS	(93)	0.6										
FY-93 108 KITS	(108)	0.7										
FY-94 84 KITS	(13)	0.1	(71)	0.4								
FY-95 80 KITS			(13)	0.1	(69)	1.5	(3)	0.1				
FY-96 84 KITS							(38)	1.0	(23)	0.6		
FY-99 44 KITS											(44)	1.0
FY-00 84 KITS												
FY-01 84 KITS												
FY-02 19 KITS												
TOTAL INSTALL QTY/COST	214	1.4	84	0.5	69	1.5	41	1.1	23	0.6	44	1.0
TOTAL COST (BP-1100)	449	30.7		0.7		2.0	44	3.5	84	7.8	84	5.3
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT/FIELD TEAM												
INITIAL LEAD TIME -- 24 MONTHS						FOLLOW-ON LEAD TIME -- 24 MONTHS						

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FACT SHEET: F-16 MN-3450 ALE-47
 PROJECTED FINANCIAL PLAN (CONTINUED)

(CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)								
PROCUREMENT (3010)								
INSTALL KITS	19						680	3.5
KITS NONRECUR								1.1
EQUIPMENT	(19)	0.6						26.7
EQUIP NONREC								0.6
CHANGE ORDERS								7.1
DATA								2.7
SIM/TRAINER								
SUPPORT-EQUIP								2.8
INSTALLATION OF HARDWARE								
FY-92 93 KITS							(93)	0.6
FY-93 108 KITS							(108)	0.7
FY-94 84 KITS							(84)	0.5
FY-95 80 KITS							(85)	1.7
FY-96 84 KITS							(61)	1.6
FY-99 44 KITS							(44)	1.0
FY-00 84 KITS	(84)	1.8					(84)	1.8
FY-01 84 KITS			(84)	1.9			(84)	1.9
FY-02 19 KITS					(19)	0.5	(19)	0.5
TOTAL INSTALL QTY/COST	84	1.8	84	1.9	19	0.5	662	10.3
TOTAL COST (BP-1100)	19	2.4		1.9		0.5	680	54.8

(TOTALS MAY NOT ADD DUE TO ROUNDING.)

MILESTONES

	FY-92	FY-93	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	FY-04
CONTRACT-DATE (QTR/FY)	4/92	4/93	4/94	4/95	4/96			2/99	2/00	2/01	2/02		
DELIVERY-DATE (QTR/FY)	2/94	4/95	4/96	4/97	4/98			3/00	3/01	3/02	3/03		
INSTALLATION SCHEDULE:	FY-92			FY-93			FY-94		FY-95			FY-96	
QUARTERS	1 2 3 4			1 2 3 4			1 2 3 4		1 2 3 4			1 2 3 4	
INPUT							7 18 21		21 21 21			21 21 21	
OUTPUT							7 18 21		21 21 21			21 21 21	
INSTALLATION SCHEDULE:	FY-97			FY-98			FY-99		FY-00			FY-01	
QUARTERS	1 2 3 4			1 2 3 4			1 2 3 4		1 2 3 4			1 2 3 4	
INPUT	21 21 21 21			18 17 17 17			11 10 10 10		6 6 6 5			8 12 12 12	
OUTPUT	21 21 21 21			17 17 17 18			10 10 10 11		5 6 6 6			8 12 12 12	
INSTALLATION SCHEDULE:	FY-02			FY-03			FY-04						
QUARTERS	1 2 3 4			1 2 3 4			1 2 3 4						
INPUT	21 21 21 21			21 21 21 21			21 13 6						
OUTPUT	21 21 21 21			21 21 21 21			21 13 6						

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MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE

MODIFICATION TITLE AND NO: ADVANCED WEAPON INTEGRATION MN-4260

CLC F-16 CLASS P

MODELS OF AIRCRAFT AFFECTED: F-16 C/D

CENTER: ASC

PE 0207133F TEAM POWER

DESCRIPTION/JUSTIFICATION: These funds are for the integration and modification efforts required to employ smart weapons on the F-16 Block 50/52 and Block 40/42 aircraft. The Block 40 weapon pylons required modification to incorporate the Block 50 pylon wiring harness and a MIL-STD-1760 connector (Group A). Failure to integrate smart weapons onto the F-16 inventory will preclude taking advantage of the increased accuracy and stand-off capabilities of these next generation weapons. 434 total Block 40 aircraft require 868 pylons modified (two per A/C) plus those required for prototyping, kit proofing, and TCTO verification.

AIRCRAFT BREAKDOWN: Active -- 352 RES -- 0 ANG -- 82

DEVELOPMENT STATUS: AF F-16 RDT&E effort is funded by the respective weapon system program office at Eglin AFB.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)		7.0										
PROCUREMENT (3010)												
INSTALL KITS	240	2.2	240	1.6	240	2.0	148	1.3				
KITS NONRECUR		0.1										
EQUIPMENT												
EQUIP NONREC												
CHANGE ORDERS												
DATA												
SIM/TRAINER												
SUPPORT-EQUIP												
INTEGRATION		6.5										
SOFTWARE		6.0										
INSTALLATION OF HARDWARE												
FY-96 240 KITS	(90)	0.4	(150)	0.7								
FY-97 240 KITS			(90)	0.4	(150)	0.7						
FY-98 240 KITS					(240)	1.1						
FY-99 148 KITS							(148)	0.7				
TOTAL INSTALL QTY/COST	90	0.4	240	1.1	390	1.9	148	0.7				
TOTAL COST (BP-1100)	240	15.2	240	2.7	240	3.8	148	2.0				
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT												
INITIAL LEAD TIME -- 6 MONTHS						FOLLOW-ON LEAD TIME -- 6 MONTHS						

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FACT SHEET: F-16 MN-4260 ADVANCED WEAPON INTEGRATION (CONTINUED)
 PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL		
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	
RDT&E (3600)									
PROCUREMENT (3010)									
INSTALL KITS							868	7.0	
KITS NONRECUR								0.1	
EQUIPMENT									
EQUIP NONREC									
CHANGE ORDERS									
DATA									
SIM/TRAINER									
SUPPORT-EQUIP								6.5	
INTEGRATION								6.0	
SOFTWARE									
INSTALLATION OF HARDWARE									
FY-96 240 KITS							(240)	1.1	
FY-97 240 KITS							(240)	1.1	
FY-98 240 KITS							(240)	1.1	
FY-99 148 KITS							(148)	0.7	
TOTAL INSTALL QTY/COST							868	4.1	
TOTAL COST (BP-1100)							868	23.7	
(TOTALS MAY NOT ADD DUE TO ROUNDING.)									
MILESTONES									
	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	
CONTRACT-DATE (QTR/FY)			2/97	1/98	1/99	1/00			
DELIVERY-DATE (QTR/FY)			4/97	1/99	1/00	1/01			
INSTALLATION SCHEDULE:	FY-95			FY-96		FY-97		FY-98	FY-99
QUARTERS	1 2 3 4			1 2 3 4		1 2 3 4		1 2 3 4	1 2 3 4
INPUT								60 60 60 60	60 60 60 60
OUTPUT								40 60 60 60	60 60 60 60
INSTALLATION SCHEDULE:	FY-00			FY-01		FY-02			
QUARTERS	1 2 3 4			1 2 3 4		1 2 3 4			
INPUT	60 60 60 60			60 60 60 60		60 28			
OUTPUT	60 60 60 60			60 60 60 60		48			

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MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB

MODIFICATION TITLE AND NO: DIGITAL TERRAIN SYSTEM (DTS) MN-4262

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC F-16 CLASS P

MODELS OF AIRCRAFT AFFECTED: BLK 25/30/40/50

CENTER: ASC

PE 0207133F TEAM POWER

DESCRIPTION/JUSTIFICATION: HQ ACC has stated that DTS is a firm requirement in the next F-16 block OPF tape release. To support this, the DTS program must purchase a DTS data transfer cartridge (DTS/DTC) to host the DTS software and serve as a replacement for the current DTC on these A/C. DTS includes precise navigation capabilities and a ground collision avoidance system designed to save pilots and A/C by reducing the controlled flight into terrain mishaps.
AIRCRAFT BREAKDOWN: Active -- 761 RES -- 89 ANG -- 440

DEVELOPMENT STATUS: Development is being accomplished and funded gratis by Fairchild.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS												
KITS NONRECUR												
EQUIPMENT					11.5	612					996	15.4
EQUIP NONREC												
CHANGE ORDERS												
DATA												
SIM/TRAINER												
SUPPORT-EQUIP												
TOTAL COST (BP-1100)					11.5	612					996	15.4
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION -- ORG/INTERMEDIATE												
INITIAL LEAD TIME -- 15 MONTHS					FOLLOW-ON LEAD TIME -- 15 MONTHS							

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FACT SHEET: F-16 MN-4262 DIGITAL TERRAIN SYSTEM (DTS) (CONTINUED)
 PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)								
PROCUREMENT (3010)								
INSTALL KITS								
KITS NONRECUR								
EQUIPMENT	995	15.4					2603	42.4
EQUIP NONREC								
CHANGE ORDERS								
DATA								
SIM/TRAINER								
SUPPORT-EQUIP								
TOTAL COST (BP-1100)	995	15.4					2603	42.4
(TOTALS MAY NOT ADD DUE TO ROUNDING.)								
MILESTONES								
	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02		
CONTRACT-DATE (QTR/FY)		4/98		2/00	2/01	2/02		
DELIVERY-DATE (QTR/FY)		4/99		3/01	3/02	3/03		

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DATE 01/26/98

MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB

MODIFICATION TITLE AND NO: REDESIGNED F-16 BRAKE CONTROL/ANTI-SKID MN-50003B

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC F-16 CLASS P

MODELS OF AIRCRAFT AFFECTED: F-16A/B/C/D

CENTER: ASC

PE 0207133F TEAM POWER

DESCRIPTION/JUSTIFICATION: This modification provides improved reliability and maintainability, the number of ground aborts and maintenance actions due to system failures will be halved as troubleshooting time will be reduced 15 minutes per action. Additionally, brake and tire wear will be reduced by up to 35%. Mod name changed from anti-skid algorithm.

FY97 dollars identified for Omnibus Cut.

AIRCRAFT BREAKDOWN: Active -- 733 RES -- 72 ANG -- 450

DEVELOPMENT STATUS: Complete.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS	399	2.7	350	2.3	770	5.4						
KITS NONRECUR												
EQUIPMENT												
EQUIP NONREC												
CHANGE ORDERS												
DATA		0.3										
SIM/TRAINER		0.1										
SUPPORT-EQUIP												
TOTAL COST (BP-1100)	399	3.1	350	2.3	770	5.4						
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION -- ORG/INTERMEDIATE												
INITIAL LEAD TIME -- 6 MONTHS					FOLLOW-ON LEAD TIME -- 6 MONTHS							

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FACT SHEET: F-16 MN-50003B REDESIGNED F-16 BRAKE CONTROL/ANTI-SKID (CONTINUED)
 PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)								
PROCUREMENT (3010)								
INSTALL KITS							1519	10.4
KITS NONRECUR								
EQUIPMENT								
EQUIP NONREC								
CHANGE ORDERS								
DATA								0.3
SIM/TRAINER								0.1
SUPPORT-EQUIP								
TOTAL COST (BP-1100)							1519	10.8
(TOTALS MAY NOT ADD DUE TO ROUNDING.)								
MILESTONES								
	FY-96	FY-97	FY-98					
	-----	-----	-----					
CONTRACT-DATE (QTR/FY)	3/96	4/97	2/98					
DELIVERY-DATE (QTR/FY)	1/97	2/98	4/98					

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MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE

MODIFICATION TITLE AND NO: RF TOWED DECOY SYSTEMS MN-5013

CLC F-16 CLASS P

MODELS OF AIRCRAFT AFFECTED: BLK 40/50

CENTER: WR-ALC

PE 0207442F TEAM INFO

DESCRIPTION/JUSTIFICATION: This modification allows the Navy Advanced Airborne Expendable Decoy (AAED) to be installed on F-16 aircraft as the towed decoy system (TDS). It will provide RF electronic protection for the F-16. The major components of the system are the AAED, canisters, magazines, and launcher/controller mounted in a modified 16-S-350 pylon. The system is a RF repeater acting to decoy threat systems that engage the F-16 resulting in increased miss distance.

AIRCRAFT BREAKDOWN: Active -- 437 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: Complete.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)				1.8								
PROCUREMENT (3010)												
INSTALL KITS			60	19.4	141	35.3	69	18.1	68	17.7	67	17.8
KITS NONRECUR EQUIPMENT												
EQUIP NONREC CHANGE ORDERS				0.3				0.6		0.5		0.5
DATA SIM/TRAINER												
SUPPORT-EQUIP ALQ 184 V(9)						5.3						
TOTAL COST (BP-1100)			60	19.8	141	40.6	69	18.7	68	18.2	67	18.3

(TOTALS MAY NOT ADD DUE TO ROUNDING.)

METHOD OF IMPLEMENTATION: INSTALLATION -- ORG/INTERMEDIATE

INITIAL LEAD TIME -- 14 MONTHS

FOLLOW-ON LEAD TIME -- 14 MONTHS

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FACT SHEET: F-16 MN-5013 RF TOWED DECOY SYSTEMS (CONTINUED)
 PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)								
PROCUREMENT (3010)								
INSTALL KITS	9	4.9	3	1.2	20	9.5	437	123.8
KITS NONRECUR EQUIPMENT								
EQUIP NONREC CHANGE ORDERS		0.3		0.3		0.2		2.7
DATA SIM/TRAINER SUPPORT-EQUIP ALQ 184 V(9)								5.3
TOTAL COST (BP-1100)	9	5.1	3	1.4	20	9.7	437	131.8
(TOTALS MAY NOT ADD DUE TO ROUNDING.)								
MILESTONES								
	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	
CONTRACT-DATE (QTR/FY)	2/97	1/98	1/99	1/00	2/01	1/02	1/03	
DELIVERY-DATE (QTR/FY)	2/98	1/99	1/00	1/01	2/02	1/02	1/03	

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MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB

MODIFICATION TITLE AND NO: RELOCATE FORWARD RWR ANTENNA MN-57U051

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC F-16 CLASS P

MODELS OF AIRCRAFT AFFECTED: F-16 C/D

CENTER: ASC

PE 0207133F TEAM POWER

DESCRIPTION/JUSTIFICATION: This effort involves relocating the forward radar warning receiver (RWR) antenna from the fuselage to the leading edge flap of the wing. The current antenna location does not allow the RWR to meet its performance envelope on the F-16. The new location corrects this deficiency. Portions of the necessary Group A wiring were installed during production.

AIRCRAFT BREAKDOWN: Active -- 340 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: Complete.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS												
KITS NONRECUR												
EQUIPMENT	340	3.7										
EQUIP NONREC												
CHANGE ORDERS												
DATA		3.5										
SIM/TRAINER												
SUPPORT-EQUIP												
INSTALLATION OF HARDWARE												
FY-88 340 KITS	(271)	2.9	(35)	0.7	(45)	1.1	(24)	0.6				
TOTAL INSTALL QTY/COST	271	2.9	35	0.7	45	1.1	24	0.6				
TOTAL COST (BP-1100)	340	10.1		0.7		1.1		0.6				

(TOTALS MAY NOT ADD DUE TO ROUNDING.)

METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT/FIELD TEAM

INITIAL LEAD TIME -- 15 MONTHS

FOLLOW-ON LEAD TIME -- 15 MONTHS

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FACT SHEET: F-16 MN-57U051 RELOCATE FORWARD RWR ANTENNA (CONTINUED)
 PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL					
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT				
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS												
KITS NONRECUR												
EQUIPMENT								340	3.7			
EQUIP NONREC												
CHANGE ORDERS												
DATA										3.5		
SIM/TRAINER												
SUPPORT-EQUIP												
INSTALLATION OF HARDWARE												
FY-88 340 KITS								(375)	5.3			
TOTAL INSTALL QTY/COST								375	5.3			
TOTAL COST (BP-1100)								340	12.5			
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
MILESTONES												
	FY-88	FY-89	FY-90	FY-91	FY-92	FY-93	FY-94	FY-95	FY-96	FY-97	FY-98	
CONTRACT-DATE (QTR/FY)	1/88											
DELIVERY-DATE (QTR/FY)	1/89											
INSTALLATION SCHEDULE:	FY-88		FY-89		FY-90		FY-91		FY-92			
QUARTERS	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	
INPUT					18 18 18 18	18 18 18 18	18 18 18 18	18 9				
OUTPUT					18 18 18 18	18 18 18 18	18 9					
INSTALLATION SCHEDULE:	FY-93		FY-94		FY-95		FY-96		FY-97			
QUARTERS	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	
INPUT			18 18 18 18	18 18 18 18	9 9 10 7	17 15 17 16	14 13 14 14					
OUTPUT			18 18 18 18	18 18 18 18	9 9 10 7	17 15 17 16	14 13 14 14					
INSTALLATION SCHEDULE:	FY-98											
QUARTERS	1 2 3 4											
INPUT	14											
OUTPUT	14											

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MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC F-16 CLASS P

MODIFICATION TITLE AND NO: SCREECH / EXHAUST DUCT LINER BURNTHRU MN-6020

MODELS OF AIRCRAFT AFFECTED: F16 C/D (BLK 50)

CENTER: ASC

PE 0207133F TEAM POWER

DESCRIPTION/JUSTIFICATION: F110-GE-129 engines are experiencing high screech levels on fielded engines. This screech is causing damage to the augmentor duct assembly, flame holder, fan core spray bars, local spray bars, and the exhaust nozzle liner. The damage includes broken or missing pieces and non-reparable cracks. Because of this problem, the F110-GE-129 engines must operate at approximately 95% of max thrust as an interim fix to reduce screech induced hardware failures. Specifically, F110 engines have experienced 52 exhaust & duct liner burn thrus, since January 1995 causing safety issues and maintenance issues. 20 kits will mod spares.

AIRCRAFT BREAKDOWN: Active -- 237 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: In test. Development under Component Improvement Program (CIP).

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS												
KITS NONRECUR							185	2.1	34	0.6		
EQUIPMENT												
EQUIP NONREC												
CHANGE ORDERS												
DATA								0.5				
SIM/TRAINER												
SUPPORT-EQUIP												
MOD OF SPARES												
TOTAL COST (BP-1100)							185	2.6	34	0.6		
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION -- ORG/INTERMEDIATE												
INITIAL LEAD TIME -- 1 MONTHS						FOLLOW-ON LEAD TIME -- 1 MONTHS						

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FACT SHEET: F-16 MN-6020 SCREECH / EXHAUST DUCT LINER BURNTHRU (CONTINUED)
 PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)								
PROCUREMENT (3010)								
INSTALL KITS								
KITS NONRECUR							219	2.7
EQUIPMENT								
EQUIP NONREC								
CHANGE ORDERS								
DATA								0.5
SIM/TRAINER								
SUPPORT-EQUIP								
MOD OF SPARES								
TOTAL COST (BP-1100)							219	3.2
(TOTALS MAY NOT ADD DUE TO ROUNDING.)								
MILESTONES								
	FY-97	FY-98	FY-99	FY-00				
CONTRACT-DATE (QTR/FY)	1/97		2/99	1/00				
DELIVERY-DATE (QTR/FY)	3/97		2/99	1/00				

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MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB

MODIFICATION TITLE AND NO: BLOCK 30 NIGHT VISION IMAGING SYSTEM (NVIS)-CUPID MN-602030

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC F-16 CLASS P

MODELS OF AIRCRAFT AFFECTED: F-16 BLOCK 25/30/32

CENTER: ASC

PE 0207133F TEAM POWER

DESCRIPTION/JUSTIFICATION: This effort incorporates Night Vision Imaging System (NVIS) Compatible Lighting kits. This modification includes internal and external lighting and uses the post and bezel solution for lighting of the primary flight instruments. This a follow-on program to the Guard/Reserve 160 unit buy in FY96-97. This program will involve a new source selection and contract which will be common with the Block 40/50 NVIS modification. Block 30 NVIS is part of the Combat Upgrade Plan Integration Details (CUPID). CUPID integrates NVIS, Global Positioning System (GPS), ALQ-213 Countermeasure Set (CMS), and Situational Awareness Data Link (SADL) under a cost avoiding configuration plan. To retrofit the entire F-16 Block 30 fleet, 161 of 243 kits will be procured with \$6.68M in FY98 using Air National Guard Equipment funding.

AIRCRAFT BREAKDOWN: Active -- 194 RES -- 11 ANG -- 247

DEVELOPMENT STATUS: None. No RDT&E required.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS					243	3.4	112	5.6	40	1.6	57	2.3
KITS NONRECUR												
EQUIPMENT												
EQUIP NONREC												
CHANGE ORDERS						0.3		0.6		0.3		0.2
DATA						0.4		0.6		0.1		0.2
SIM/TRAINER												
SUPPORT-EQUIP								0.3		0.3		0.2
INSTALLATION OF HARDWARE												
FY-98 243 KITS					(10)		(161)	2.9	(72)	1.3		
FY-99 112 KITS								(83)	1.5	(29)		0.6
FY-00 40 KITS										(33)		0.7
FY-01 57 KITS												
TOTAL INSTALL QTY/COST					10		161	2.9	155	2.9	62	1.3
TOTAL COST (BP-1100)					243	4.1	112	10.0	40	5.2	57	4.2
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT												
INITIAL LEAD TIME -- 6 MONTHS					FOLLOW-ON LEAD TIME -- 6 MONTHS							

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FACT SHEET: F-16 MN-602030 BLOCK 30 NIGHT VISION IMAGING SYSTEM (NVIS)-CUPID (CONTINUED)
 PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)								
PROCUREMENT (3010)								
INSTALL KITS							452	12.9
KITS NONRECUR								
EQUIPMENT								
EQUIP NONREC								
CHANGE ORDERS								1.5
DATA								1.2
SIM/TRAINER								
SUPPORT-EQUIP								0.8
INSTALLATION OF HARDWARE								
FY-98 243 KITS							(243)	4.2
FY-99 112 KITS							(112)	2.1
FY-00 40 KITS (7)		0.2					(40)	0.8
FY-01 57 KITS (57)		1.3					(57)	1.3
TOTAL INSTALL QTY/COST	64	1.5					452	8.5
TOTAL COST (BP-1100)		1.5					452	25.0
(TOTALS MAY NOT ADD DUE TO ROUNDING.)								

MILESTONES

	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02
CONTRACT-DATE (QTR/FY)		2/98	2/99	2/00	2/01	
DELIVERY-DATE (QTR/FY)		4/98	4/99	1/01	1/02	

INSTALLATION SCHEDULE:	FY-97				FY-98				FY-99				FY-00				FY-01			
QUARTERS	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
INPUT									13	44	44	44	44	44	28	28	28	28	15	15
OUTPUT									10	40	40	40	41	39	38	38	38	15	17	17

INSTALLATION SCHEDULE:	FY-02			
QUARTERS	1	2	3	4
INPUT	20	14	14	14
OUTPUT	16	16	16	16

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MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE

MODIFICATION TITLE AND NO: BLK 40/50 NIGHT VISION IMAGING SYSTEM (NVIS) MN-602040

CLC F-16 CLASS P

MODELS OF AIRCRAFT AFFECTED: BLOCK 40 / 50

CENTER: ASC

PE 0207133F TEAM POWER

DESCRIPTION/JUSTIFICATION: This modification incorporates Night Vision Imaging System (NVIS) lighting kits for all Block 40/42/50/52 F-16 C/D aircraft. This modification includes both internal and external lighting using the Post and Bezel approach developed by the Air National Guard for their Block 30 C model aircraft. This program will involve a new source selection and contract which is common with the Block 30 NVIS program.

AIRCRAFT BREAKDOWN: Active -- 319 RES -- 248 ANG -- 36

AIRCRAFT BREAKDOWN: Active -- 563 RES -- 0 ANG -- 100

DEVELOPMENT STATUS: None No RDT&E required.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01		
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	
RDT&E (3600)													
PROCUREMENT (3010)													
INSTALL KITS					65	3.9	190	11.4	245	14.7	163	9.8	
KITS NONRECUR						1.0							
EQUIPMENT													
EQUIP NONREC													
CHANGE ORDERS						0.2		0.3		1.2		1.3	
DATA						0.6		1.3		1.6		1.5	
SIM/TRAINER													
SUPPORT-EQUIP						0.4		0.6		1.5		1.5	
INSTALLATION OF HARDWARE													
FY-98 65 KITS							(65)	1.8					
FY-99 190 KITS							(50)	1.4	(140)	3.8			
FY-00 245 KITS									(125)	3.4	(120)	3.2	
FY-01 163 KITS											(163)	4.4	
TOTAL INSTALL QTY/COST								115	3.1	265	7.2	283	7.6
TOTAL COST (BP-1100)					65	6.1	190	16.7	245	26.1	163	21.7	
(TOTALS MAY NOT ADD DUE TO ROUNDING.)													
METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT/FIELD TEAM													
INITIAL LEAD TIME -- 9 MONTHS						FOLLOW-ON LEAD TIME -- 6 MONTHS							

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FACT SHEET: F-16 MN-602040 BLK 40/50 NIGHT VISION IMAGING SYSTEM (NVIS) (CONTINUED)
 PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL									
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT								
RDT&E (3600)																
PROCUREMENT (3010)																
INSTALL KITS							663	39.8								
KITS NONRECUR								1.0								
EQUIPMENT																
EQUIP NONREC																
CHANGE ORDERS								3.0								
DATA		0.3						5.3								
SIM/TRAINER																
SUPPORT-EQUIP		0.2						4.2								
INSTALLATION OF HARDWARE																
FY-98 65 KITS							(65)	1.8								
FY-99 190 KITS							(190)	5.1								
FY-00 245 KITS							(245)	6.6								
FY-01 163 KITS							(163)	4.4								
TOTAL INSTALL QTY/COST							663	17.9								
TOTAL COST (BP-1100)		0.5					663	71.1								
(TOTALS MAY NOT ADD DUE TO ROUNDING.)																
MILESTONES																
	FY-97	FY-98	FY-99	FY-00	FY-01											
CONTRACT-DATE (QTR/FY)		2/98	1/99	1/00	1/01											
DELIVERY-DATE (QTR/FY)		1/99	2/99	2/00	2/01											
INSTALLATION SCHEDULE:	FY-97	FY-98			FY-99				FY-00				FY-01			
QUARTERS	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4			
INPUT					25 25 45 60	60 65 65 65	65 65 65 65	65 65 65 65	65 65 65 65	65 65 65 65	65 65 65 65	65 65 65 65	65 65 65 65			
OUTPUT					20 27 45 60	60 65 65 65	65 65 65 65	65 65 65 65	65 65 65 65	65 65 65 65	65 65 65 65	65 65 65 65	65 65 65 65			

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MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB

MODIFICATION TITLE AND NO: BLOCK 40 CAS INTEGRATED DATA MODEM (IDM) MN-602041

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC F-16 CLASS P

MODELS OF AIRCRAFT AFFECTED: BLOCK 40

CENTER: ASC

PE 0207133F TEAM POWER

DESCRIPTION/JUSTIFICATION: This mod improves the Air Force's ability to provide Close Air Support (CAS) for the Army. This program provides for retrofit modifications of 246 Block 40 aircraft with Improved Data Modem (IDM). An additional ten IDMs are needed as spares. Two Block 40 aircraft will have been modified via kitproofing under the EMD portion of the program. This program will upgrade 202 IDMs already in the USAF inventory for Block 40 (164 acquired from the A-10 and 38 at Aviano AB), so only 56 additional upgraded IDM Group B units will be procured. Since this mod will be installed concurrently with the Night Vision Imaging System (NVIS) mod, there is cost-sharing for data and trainers.

AIRCRAFT BREAKDOWN: Active -- 226 RES -- 0 ANG -- 19

DEVELOPMENT STATUS: Developed under the CAS/40T5 Program.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS					114	2.6	132	3.4				
KITS NONRECUR												
EQUIPMENT								2.8				
EQUIP NONREC												
CHANGE ORDERS						1.1		0.2				
DATA									0.3			
SIM/TRAINER								0.3				
SUPPORT-EQUIP						1.4		1.6				
INTEGRATION						0.3		0.7				
INSTALLATION OF HARDWARE												
FY-98 114 KITS							(114)	2.4				
FY-99 132 KITS							(5)	0.1	(127)	2.8		
TOTAL INSTALL QTY/COST								119	2.5	127	2.8	
TOTAL COST (BP-1100)					114	5.4	132	11.6		3.1		
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT/FIELD TEAM												
INITIAL LEAD TIME -- 12 MONTHS					FOLLOW-ON LEAD TIME -- 6 MONTHS							

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FACT SHEET: F-16 MN-602041 BLOCK 40 CAS INTEGRATED DATA MODEM (IDM) (CONTINUED)
 PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)								
PROCUREMENT (3010)								
INSTALL KITS							246	5.9
KITS NONRECUR								
EQUIPMENT								2.8
EQUIP NONREC								
CHANGE ORDERS								1.4
DATA								0.3
SIM/TRAINER								0.3
SUPPORT-EQUIP								2.9
INTEGRATION								1.0
INSTALLATION OF HARDWARE								
FY-98 114 KITS							(114)	2.4
FY-99 132 KITS							(132)	2.9
TOTAL INSTALL QTY/COST							246	5.3
TOTAL COST (BP-1100)							246	20.1
(TOTALS MAY NOT ADD DUE TO ROUNDING.)								

MILESTONES

	FY-97	FY-98	FY-99	FY-00
CONTRACT-DATE (QTR/FY)		1/98		
DELIVERY-DATE (QTR/FY)		1/99		

INSTALLATION SCHEDULE:	FY-97				FY-98				FY-99				FY-00			
QUARTERS	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
INPUT									23	27	33	36	36	36	36	21
OUTPUT									23	27	33	36	36	36	36	21

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MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC F-16 CLASS P

MODIFICATION TITLE AND NO: BLK 50 MODULAR MISSION COMPUTER MMC-CCIP MN-602150

MODELS OF AIRCRAFT AFFECTED: BLOCK 50/52

CENTER: ASC

PE 0207133F TEAM POWER

DESCRIPTION/JUSTIFICATION: The mod produces and incorporates the Modified Modular Mission Computer into Block 50/52 F-16's. MMCs are being installed in Taiwan production aircraft, and are part of the MLU retrofit effort. MN 602140, Block 40 Modified Modular Mission Computer; MN 610240, Block 40 Color Display; MN 661640, Block 40 Link 16; MN 602150, Block 50 Modified Modular Mission Computer; MN 610250, Block 50 Color Display; and MN 661650, Block 50 Link 16 use the same engineering baseline. Changes to any of these mods will likely affect others. Lead Mod for CCIP Program.

AIRCRAFT BREAKDOWN: Active -- 239 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: The MMC is undergoing Durability Life Testing at LMTAS. This includes vibration and environmental testing. This is the final phase of development of the MMC.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)		5.1		16.8		3.8						
PROCUREMENT (3010)												
INSTALL KITS							44	8.1	84	16.8	84	16.9
KITS NONRECUR												
EQUIPMENT							(44)	11.6	(84)	23.7	(84)	23.1
EQUIP NONREC												
CHANGE ORDERS								0.9		3.2		3.3
DATA								0.5		1.0		1.0
SIM/TRAINER												
SUPPORT-EQUIP												
INSTALLATION OF HARDWARE												
FY-99 44 KITS										(44)		3.0
FY-00 84 KITS												
FY-01 84 KITS												
FY-02 27 KITS												
TOTAL INSTALL QTY/COST											44	3.0
TOTAL COST (BP-1100)							44	21.0	84	44.6	84	47.2
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT												
INITIAL LEAD TIME -- 24 MONTHS						FOLLOW-ON LEAD TIME -- 24 MONTHS						

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FACT SHEET: F-16 MN-602150 BLK 50 MODULAR MISSION COMPUTER MMC-CCIP (CONTINUED)
 PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)								
PROCUREMENT (3010)								
INSTALL KITS	27	6.0					239	47.8
KITS NONRECUR								
EQUIPMENT (27)		7.5						65.8
EQUIP NONREC								
CHANGE ORDERS		1.0						8.3
DATA		0.3						2.7
SIM/TRAINER								
SUPPORT-EQUIP								
INSTALLATION OF HARDWARE								
FY-99 44 KITS							(44)	3.0
FY-00 84 KITS (84)		5.0					(84)	5.0
FY-01 84 KITS (84)			(84)	8.2			(84)	8.2
FY-02 27 KITS (27)					(27)	2.4	(27)	2.4
TOTAL INSTALL QTY/COST	84	5.0	84	8.2	27	2.4	239	18.7
TOTAL COST (BP-1100)	27	19.9		8.2		2.4	239	143.4
(TOTALS MAY NOT ADD DUE TO ROUNDING.)								

MILESTONES

	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	FY-04
CONTRACT-DATE (QTR/FY)				2/99	1/00	1/01	1/02		
DELIVERY-DATE (QTR/FY)				2/01	1/02	1/03	1/04		

INSTALLATION SCHEDULE:	FY-01				FY-02				FY-03				FY-04			
QUARTERS	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
INPUT			22	22	21	21	21	21	21	21	21	21	14	13		
OUTPUT			22	22	21	21	21	21	21	21	21	21	14	13		

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MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC F-16 CLASS P

MODIFICATION TITLE AND NO: PRE BLK 40 STRUCTURAL IMPROVEMENT PROGRAM MN-6022

MODELS OF AIRCRAFT AFFECTED: F-16 C/D PRE -40

CENTER: ASC

PE 0207133F TEAM POWER

DESCRIPTION/JUSTIFICATION: Engineering test, analysis, and user's experience indicate the aircraft structure will not meet the needed 8000 hour service life. The structural improvement program combines the following major structural modifications into one overall program: ECPs 1910 and 1947 fuel shelf/wing carry through bulkhead, and ECP 1992 vertical tail aft mounting pads bulkhead FS 479.

AIRCRAFT BREAKDOWN: Active -- 235 RES -- 91 ANG -- 333

DEVELOPMENT STATUS: Under provision of the Correction of Deficiency (COD), no development procedures were required prior to contract award.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS	397	12.9	117	5.4	116	5.0	8	0.3				
KITS NONRECUR EQUIPMENT												
EQUIP NONREC												
CHANGE ORDERS		2.4		0.9		1.7		0.5		1.7		1.6
DATA												
SIM/TRAINER												
SUPPORT-EQUIP												
TOOLING		2.8										
SPARES		3.3								0.6		
OGC		2.0		1.6		2.6		0.8		0.9		2.9
INSTALLATION OF HARDWARE												
FY-92 33 KITS (33)		9.9										
FY-93 64 KITS (64)		19.1										
FY-94 92 KITS (92)		29.1										
FY-95 92 KITS (23)		7.3	(69)	17.8								
FY-96 116 KITS			(25)	6.4	(91)	26.4						
FY-97 117 KITS					(22)	6.4	(95)	24.3				
FY-98 116 KITS							(23)	6.0	(93)	28.5		
FY-99 8 KITS											(8)	3.4
TOTAL INSTALL QTY/COST	212	65.4	94	24.2	113	32.8	118	30.3	93	28.5	8	3.4
TOTAL COST (BP-1100)	397	88.8	117	32.1	116	42.1	8	31.9		31.7		7.9

(TOTALS MAY NOT ADD DUE TO ROUNDING.)

METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT

INITIAL LEAD TIME -- 14 MONTHS

FOLLOW-ON LEAD TIME -- 18 MONTHS

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FACT SHEET: F-16 MN-6022 PRE BLK 40 STRUCTURAL IMPROVEMENT PROGRAM (CONTINUED)
 PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL			
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT		
RDT&E (3600)										
PROCUREMENT (3010)										
INSTALL KITS							638	23.6		
KITS NONRECUR										
EQUIPMENT										
EQUIP NONREC										
CHANGE ORDERS								8.8		
DATA										
SIM/TRAINER										
SUPPORT-EQUIP										
TOOLING								2.8		
SPARES								3.9		
OGC								10.8		
INSTALLATION OF HARDWARE										
FY-92 33 KITS							(33)	9.9		
FY-93 64 KITS							(64)	19.1		
FY-94 92 KITS							(92)	29.1		
FY-95 92 KITS							(92)	25.0		
FY-96 116 KITS							(116)	32.9		
FY-97 117 KITS							(117)	30.7		
FY-98 116 KITS							(116)	34.5		
FY-99 8 KITS							(8)	3.4		
TOTAL INSTALL QTY/COST							638	184.5		
TOTAL COST (BP-1100)							638	234.5		
(TOTALS MAY NOT ADD DUE TO ROUNDING.)										
MILESTONES										
	FY-92	FY-93	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01
CONTRACT-DATE (QTR/FY)	3/92	4/93	2/94	2/95	2/96	2/97	2/98	2/99		
DELIVERY-DATE (QTR/FY)	4/93	4/94	4/95	4/96	4/97	4/98	4/99	4/00		
INSTALLATION SCHEDULE:	FY-92		FY-93		FY-94		FY-95		FY-96	
QUARTERS	1 2 3 4	1 2 3	4 1 2 3	4 1 2 3	4 1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4
INPUT	1 2 3 4	23 23 23 23	29 29 29 29	29 29 29 29	29 29 29 29	29 29 29 29	29 29 29 29	29 29 29 29	29 29 29 29	6 3 3 37
OUTPUT					5 7 10 11 16	16 16 16 23 23	23 23 23 23 23	23 23 23 23 23	23 23 23 23 23	
INSTALLATION SCHEDULE:	FY-97		FY-98		FY-99		FY-00		FY-01	
QUARTERS	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4
INPUT	23 23 23 23	29 29 29 29	29 29 29 29	29 29 29 29	29 29 29 29	29 29 29 29	29 29 29 29	29 29 29 29	29 29 29 29	6 3 3 37
OUTPUT	23 23 23 23	29 29 29 29	29 29 29 29	29 29 29 29	29 29 29 29	29 29 29 29	29 29 29 29	29 29 29 29	29 29 29 29	6 3 3 37

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MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE

MODIFICATION TITLE AND NO: BLOCK 40 STRUCTURAL IMPROVEMENT MN-602240

CLC F-16 CLASS P

MODELS OF AIRCRAFT AFFECTED: BLOCK 40/42

CENTER: ASC

PE 0207133F TEAM POWER

DESCRIPTION/JUSTIFICATION: Engineering test, analysis, user's experience indicate aircraft structure will not meet the needed 8000 hour service life. Delays may lead to further structural degradation which will be costly to correct, and may impact flight safety. Funds would also be used to install aircraft kits resulting from correction of deficiency (COD) ECP's and structural changes to the Block 40 aircraft.

DEVELOPMENT STATUS: Under provision of the COD, no development procedures were required prior to contract award. FY95 money will start the installation of kits provided by Lockheed. Under agreement with Lockheed, they provide the kits and the Air Force provides the installation dollars.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS												
KITS NONRECUR												
EQUIPMENT												
EQUIP NONREC												
CHANGE ORDERS												
DATA												
SIM/TRAINER												
SUPPORT-EQUIP												
COD KITS	(168)		(84)		(84)		(45)					
INSTALLATION OF HARDWARE												
TOTAL INSTALL QTY/COST	168	30.4	84	17.9	84	17.8	45	9.9				
TOTAL COST (BP-1100)		30.4		17.9		17.8		9.9				
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT												
INITIAL LEAD TIME -- 1 MONTHS					FOLLOW-ON LEAD TIME -- 1 MONTHS							

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FACT SHEET: F-16 MN-602240 BLOCK 40 STRUCTURAL IMPROVEMENT (CONTINUED)
 PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL									
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT								
RDT&E (3600)																
PROCUREMENT (3010)																
INSTALL KITS																
KITS NONRECUR																
EQUIPMENT																
EQUIP NONREC																
CHANGE ORDERS																
DATA																
SIM/TRAINER																
SUPPORT-EQUIP																
COD KITS																
INSTALLATION OF HARDWARE																
TOTAL INSTALL QTY/COST							381	76.0								
TOTAL COST (BP-1100)								76.0								
(TOTALS MAY NOT ADD DUE TO ROUNDING.)																
MILESTONES																
	FY-95	FY-96	FY-97	FY-98	FY-99											
CONTRACT-DATE (QTR/FY)	1/95	1/96	1/97	1/98	1/99											
DELIVERY-DATE (QTR/FY)	1/95	1/96	1/97	1/98	1/99											
INSTALLATION SCHEDULE:	FY-95	FY-96			FY-97				FY-98				FY-99			
QUARTERS	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4		
INPUT	21 21 21 21	21 21 21 21	21 21 21 21	21 21 21 21	21 21 21 21	21 21 21 21	21 21 21 21	21 21 21 21	21 21 21 21	21 21 21 21	21 21 21 21	21 21 21 21	21 21 21 21	21 21 21 21		
OUTPUT	21 21 21 21	21 21 21 21	21 21 21 21	21 21 21 21	21 21 21 21	21 21 21 21	21 21 21 21	21 21 21 21	21 21 21 21	21 21 21 21	21 21 21 21	21 21 21 21	21 21 21 21	21 21 21 21		

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MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB

MODIFICATION TITLE AND NO: ALQ-213 COUNTERMEASURE SET (CMS) - CUPID MN-603030

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC F-16 CLASS P

MODELS OF AIRCRAFT AFFECTED: F-16C/D

CENTER: ASC

PE 0207133F TEAM POWER

DESCRIPTION/JUSTIFICATION: ALQ-213 Countermeasure Set (CMS) provides operation of EC system with a single CCU, hands-on chaff/flare dispensing, NVIS caompatibility, and expands the CMDS capability to select more expendable programs. CMS is a part of the Block 25/30/32 Combat Upgrade Plan Integrated Details (CUPID). CUPID integtrates Global Positioning System (GPS), Night Vision Imaging System (NVIS), Situation Awareness Data Link (SADL) , and CMS under a cost aviodance common configuration plan. FY97 150 kits procured 10.5M with GREA. FY98 282 kits procured 19.74M and 10 installed .24M with GREA. FY99 23 kits procured 1.61M with GREA

AIRCRAFT BREAKDOWN: Active -- 194 RES -- 71 ANG -- 347

DEVELOPMENT STATUS: None. No RDT&E required.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS			150		282		60	0.5	81	0.8	39	0.4
KITS NONRECUR												
EQUIPMENT			(150)		(282)		(60)	2.1	(81)	4.9	(39)	2.3
EQUIP NONREC												
CHANGE ORDERS												0.9
DATA												
SIM/TRAINER												
SUPPORT-EQUIP												
INSTALLATION OF HARDWARE												
FY-97 150 KITS					(10)		(140)	4.0				
FY-98 282 KITS							(92)	2.6	(190)	5.4		
FY-99 60 KITS									(24)	0.7	(36)	1.1
FY-00 81 KITS											(56)	1.7
FY-01 39 KITS												
TOTAL INSTALL QTY/COST					10		232	6.5	214	6.1	92	2.8
TOTAL COST (BP-1100)			150		282		60	9.1	81	11.8	39	6.4
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT												
INITIAL LEAD TIME -- 12 MONTHS					FOLLOW-ON LEAD TIME -- 18 MONTHS							

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FACT SHEET: F-16 MN-603030 ALQ-213 COUNTERMEASURE SET (CMS) - CUPID (CONTINUED)
 PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)								
PROCUREMENT (3010)								
INSTALL KITS							612	1.7
KITS NONRECUR								
EQUIPMENT								9.3
EQUIP NONREC								
CHANGE ORDERS		0.8						1.7
DATA								
SIM/TRAINER								
SUPPORT-EQUIP								
INSTALLATION OF HARDWARE								
FY-97 150 KITS							(150)	4.0
FY-98 282 KITS							(282)	8.0
FY-99 60 KITS							(60)	1.8
FY-00 81 KITS (25)		0.8					(81)	2.4
FY-01 39 KITS (39)		1.2					(39)	1.2
TOTAL INSTALL QTY/COST	64	1.9					612	17.3
TOTAL COST (BP-1100)		2.7					612	30.1

(TOTALS MAY NOT ADD DUE TO ROUNDING.)

MILESTONES

	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02
CONTRACT-DATE (QTR/FY)	3/97	2/98	2/99	2/00	2/01	
DELIVERY-DATE (QTR/FY)	1/98	2/99	3/00	3/01	3/02	

INSTALLATION SCHEDULE:	FY-97				FY-98			FY-99				FY-00				FY-01				
QUARTERS	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
INPUT								10	58	58	58	58	53	54	53	54	18	18	28	28
OUTPUT								10	58	58	58	58	53	54	53	54	18	18	28	28

INSTALLATION SCHEDULE:	FY-02			
QUARTERS	1	2	3	4
INPUT	12	12	20	20
OUTPUT	12	12	20	20

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MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE

MODIFICATION TITLE AND NO: BLOCK 50 COLOR DISPLAYS - CCIP MN-610250

CLC F-16 CLASS P

MODELS OF AIRCRAFT AFFECTED: BLOCK 50

CENTER: ASC

PE 0207133F TEAM POWER

DESCRIPTION/JUSTIFICATION: Replaces the existing four inch monochrome displays with color displays developed by the F-16 Mid-Life Update Program. The color displays will provide increased pilot situational awareness by through improved display symbology (targets, threats, etc) recognition. It will decrease pilot workload. MN 602140, Block 40 Modified Modular Mission Computer; MN 610240, Block 40 Color Display; MN 661640, Block 40 Link 16; MN 602150, Block 50 Modified Modular Mission Computer; MN 610250, Block 50 Color Display; and MN 661650, Block 50 Link 16 use the same engineering baseline. Changes to any of these mods will likely affect others.

AIRCRAFT BREAKDOWN: Active -- 219 RES -- 0 ANG -- 20

DEVELOPMENT STATUS:

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)						0.7						
PROCUREMENT (3010)												
INSTALL KITS							44	0.5	84	0.9	84	1.0
KITS NONRECUR							(44)	10.3	(84)	24.3	(84)	24.5
EQUIPMENT												
EQUIP NONREC								1.3		2.7		3.3
CHANGE ORDERS								0.5		1.4		1.9
DATA												
SIM/TRAINER								0.7		1.3		1.3
SUPPORT-EQUIP												
INSTALLATION OF HARDWARE											(44)	3.0
FY-99 44 KITS												
FY-00 84 KITS												
FY-01 84 KITS												
FY-02 27 KITS												
TOTAL INSTALL QTY/COST											44	3.0
TOTAL COST (BP-1100)							44	13.2	84	30.6	84	34.9

(TOTALS MAY NOT ADD DUE TO ROUNDING.)

METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT

INITIAL LEAD TIME -- 24 MONTHS

FOLLOW-ON LEAD TIME -- 24 MONTHS

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FACT SHEET: F-16 MN-610250 BLOCK 50 COLOR DISPLAYS - CCIP (CONTINUED)
 PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)								
PROCUREMENT (3010)								
INSTALL KITS	27	0.3					239	2.7
KITS NONRECUR	(27)	6.6						65.7
EQUIPMENT								
EQUIP NONREC								
CHANGE ORDERS		1.3						8.5
DATA		0.3						4.1
SIM/TRAINER								
SUPPORT-EQUIP		0.4						3.7
INSTALLATION OF HARDWARE								
FY-99 44 KITS							(44)	3.0
FY-00 84 KITS	(84)	5.5					(84)	5.5
FY-01 84 KITS			(84)	7.4			(84)	7.4
FY-02 27 KITS					(27)	2.2	(27)	2.2
TOTAL INSTALL QTY/COST	84	5.5	84	7.4	27	2.2	239	18.0
TOTAL COST (BP-1100)	27	14.4		7.4		2.2	239	102.7
(TOTALS MAY NOT ADD DUE TO ROUNDING.)								

MILESTONES

	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	FY-04
CONTRACT-DATE (QTR/FY)			2/99	1/00	1/01	1/02		
DELIVERY-DATE (QTR/FY)			2/01	1/02	1/03	1/04		

INSTALLATION SCHEDULE:	FY-97				FY-98				FY-99				FY-00				FY-01			
QUARTERS	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
INPUT																			22	22
OUTPUT																			22	22

INSTALLATION SCHEDULE:	FY-02				FY-03				FY-04			
QUARTERS	1	2	3	4	1	2	3	4	1	2	3	4
INPUT	21	21	21	21	21	21	21	21	14	13		
OUTPUT	21	21	21	21	21	21	21	21	14	13		

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DATE 01/26/98

MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB

MODIFICATION TITLE AND NO: BLOCK 30 ENHANCED FIRE CONTROL COMPUTER UPGRADE MN-610330

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC F-16 CLASS P

MODELS OF AIRCRAFT AFFECTED: BLOCK 25/30/32

CENTER: ASC

PE 0207133F TEAM POWER

DESCRIPTION/JUSTIFICATION: Increases throughput and memory and removes obsolete parts.

Aircraft Breakdown: Active -- 194 RES -- 91 ANG --
332

DEVELOPMENT STATUS:

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS							200	2.1	300	3.2	300	3.2
KITS NONRECUR								0.2				
EQUIPMENT												
EQUIP NONREC												
CHANGE ORDERS								0.6				
DATA								0.6		0.3		0.3
SIM/TRAINER												
SUPPORT-EQUIP								2.2		1.2		1.0
INSTALLATION OF HARDWARE												
FY-99 200 KITS												
FY-00 300 KITS												
FY-01 300 KITS												
TOTAL INSTALL QTY/COST												
TOTAL COST (BP-1100)							200	5.7	300	4.7	300	4.4

(TOTALS MAY NOT ADD DUE TO ROUNDING.)

METHOD OF IMPLEMENTATION: INSTALLATION -- CONTRACTOR FACILITY

INITIAL LEAD TIME -- 2 MONTHS

FOLLOW-ON LEAD TIME -- 2 MONTHS

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FACT SHEET: F-16 MN-610330 BLOCK 30 ENHANCED FIRE CONTROL COMPUTER UPGRADE (CONTINUED)
 PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)								
PROCUREMENT (3010)								
INSTALL KITS							800	8.4
KITS NONRECUR								0.2
EQUIPMENT								
EQUIP NONREC								0.6
CHANGE ORDERS								1.2
DATA								
SIM/TRAINER								
SUPPORT-EQUIP								4.4
INSTALLATION OF HARDWARE								
FY-99 200 KITS								
FY-00 300 KITS								
FY-01 300 KITS								
TOTAL INSTALL QTY/COST								
TOTAL COST (BP-1100)							800	14.8
(TOTALS MAY NOT ADD DUE TO ROUNDING.)								
MILESTONES								
	FY-97	FY-98	FY-99	FY-00	FY-01			
CONTRACT-DATE (QTR/FY)			2/99	1/00	1/01			
DELIVERY-DATE (QTR/FY)			2/99	1/00	1/01			
INSTALLATION SCHEDULE:	FY-97		FY-98		FY-99		FY-00	FY-01
QUARTERS	1 2 3 4		1 2 3 4		1 2 3 4		1 2 3 4	1 2 3 4
INPUT					60 70 70		75 75 75 75	75 75 75 75
OUTPUT					60 70 70		75 75 75 75	75 75 75 75

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MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE

MODIFICATION TITLE AND NO: ON BOARD OXYGEN GENERATION SYSTEM (OBOGS) MN-6300

CLC F-16 CLASS P

MODELS OF AIRCRAFT AFFECTED: F-16 C/D

CENTER: ASC

PE 0207133F TEAM POWER

DESCRIPTION/JUSTIFICATION: The OBOGS produces breathing gas by separating oxygen from engine bleed air taken from the ECS system. OBOGS replaces the Liquid Oxygen (LOX) system and reduces maintenance costs. The automatic Back-up Oxygen System (BOS) and Emergency Oxygen System (EOS) will provide breathing gas in the event of an engine, ECS or OBOGS failure. Installation of OBOGS at the depot will be in concurrence with Block 50 MMC, Block 40 CCIP, and Block 30/25 EWMS programs.

AIRCRAFT BREAKDOWN: Active -- 770 RES -- 60 ANG -- 400

DEVELOPMENT STATUS: Scheduled to be completed in Jan 98.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)				1.0								
PROCUREMENT (3010)												
INSTALL KITS								44	2.9	84	5.8	
KITS NONRECUR				0.5					2.0		1.0	
EQUIPMENT												
EQUIP NONREC												
CHANGE ORDERS									0.3		0.4	
DATA												
SIM/TRAINER												
SUPPORT-EQUIP												
INSTALLATION OF HARDWARE												
FY-00 44 KITS										(44)	0.6	
FY-01 84 KITS												
FY-02 144 KITS												
FY-03 95 KITS												
FY-04 193 KITS												
FY-05 237 KITS												
FY-06 236 KITS												
FY-07 197 KITS												
TOTAL INSTALL QTY/COST											44	0.6
TOTAL COST (BP-1100)				0.5				44	5.2	84	7.8	

(TOTALS MAY NOT ADD DUE TO ROUNDING.)

METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT

INITIAL LEAD TIME -- 14 MONTHS

FOLLOW-ON LEAD TIME -- 14 MONTHS

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FACT SHEET: F-16 MN-6300 ON BOARD OXYGEN GENERATION SYSTEM (OBOGS) (CONTINUED)
 PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL						
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT					
RDT&E (3600)													
PROCUREMENT (3010)													
INSTALL KITS	144	8.7	95	4.9	863	47.7	1230	69.9					
KITS NONRECUR		0.5						4.0					
EQUIPMENT													
EQUIP NONREC													
CHANGE ORDERS		0.5		0.3		2.7		4.1					
DATA													
SIM/TRAINER													
SUPPORT-EQUIP													
INSTALLATION OF HARDWARE													
FY-00 44 KITS							(44)	0.6					
FY-01 84 KITS	(84)	0.8					(84)	0.8					
FY-02 144 KITS			(144)	1.0			(144)	1.0					
FY-03 95 KITS					(95)	0.7	(95)	0.7					
FY-04 193 KITS					(193)	1.4	(193)	1.4					
FY-05 237 KITS					(237)	1.7	(237)	1.7					
FY-06 236 KITS					(236)	1.7	(236)	1.7					
FY-07 197 KITS					(197)	1.4	(197)	1.4					
TOTAL INSTALL QTY/COST	84	0.8	144	1.0	958	6.8	1230	9.2					
TOTAL COST (BP-1100)	144	10.4	95	6.2	863	57.3	1230	87.3					
(TOTALS MAY NOT ADD DUE TO ROUNDING.)													
MILESTONES	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	FY-04	FY-05	FY-06	FY-07	FY-08	
CONTRACT-DATE (QTR/FY)				1/00	1/01	1/02	1/03						
DELIVERY-DATE (QTR/FY)				2/01	2/02	2/03	2/04						
INSTALLATION SCHEDULE:	FY-97	FY-98		FY-99			FY-00		FY-01				
QUARTERS	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4		
INPUT											22 22 21		
OUTPUT											22 22		
INSTALLATION SCHEDULE:	FY-02	FY-03			FY-04				FY-05			FY-06	
QUARTERS	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	
INPUT	21 21 21 36	36 36 36 36	24 24 24 24	24 24 24 24	24 24 24 24	24 24 24 24	24 24 24 24	24 24 24 24	24 24 24 24	24 24 24 24	24 24 24 24	24 24 24 24	
OUTPUT	21 21 21 21	36 36 36 36	24 24 24 24	24 24 24 24	24 24 24 24	24 24 24 24	24 24 24 24	24 24 24 24	24 24 24 24	24 24 24 24	24 24 24 24	24 24 24 24	
INSTALLATION SCHEDULE:	FY-07	FY-08											
QUARTERS	1 2 3 4	1 2 3 4											
INPUT	59 59 59 50	49 49 49											
OUTPUT	59 59 59 59	50 49 49											

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MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC F-16 CLASS P

MODIFICATION TITLE AND NO: HARM TARGETING SYSTEM MN-F16HTS

MODELS OF AIRCRAFT AFFECTED: MULTI (F-16)

CENTER: ASC

PE 0207136F TEAM AIR

DESCRIPTION/JUSTIFICATION: The ASQ-213 Pod, a High Speed Anti-Radiation Missile (HARM) Targeting System, senses enemy radar emissions and provides precision targeting information for the F-16 Block 50 F-16C. The F-16 HTS provides the only USAF HARM suppression capability since the retirement of the F-4G Wild Weasel in FY96. The AF completed procurement of 112 HTS pods in FY94. FY96 funding supports HTS activities initiated in BP19 in 1991. Installation costs are paid at time of contract award as kits are delivered as an installed unit, i.e. pod.

AIRCRAFT BREAKDOWN: Active -- 110 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: HTS is operational on the F-16. A P3I development contract was awarded in FY96/2 to improve pod performance and design life extension modifications. Production contract is planned for FY98. 110 existing pods will be retrofit to the upgraded configuration in FY98 and 22 pods procured during FY95/96 Omnibus reprogramming will retrofit in FY99.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS			17	9.3								
KITS NONRECUR												
EQUIPMENT												
EQUIP NONREC												
CHANGE ORDERS												
DATA												
SIM/TRAINER												
SUPPORT-EQUIP												
INSTALLATION OF HARDWARE												
FY-97 17 KITS												
TOTAL INSTALL QTY/COST												
TOTAL COST (BP-1100)			17	9.3								
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION -- CONTRACTOR FACILITY												
INITIAL LEAD TIME -- 14 MONTHS						FOLLOW-ON LEAD TIME -- 14 MONTHS						

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FACT SHEET: F-16 MN-F16HTS HARM TARGETING SYSTEM (CONTINUED)
 PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)								
PROCUREMENT (3010)								
INSTALL KITS							17	9.3
KITS NONRECUR								
EQUIPMENT								
EQUIP NONREC								
CHANGE ORDERS								
DATA								
SIM/TRAINER								
SUPPORT-EQUIP								
INSTALLATION OF HARDWARE								
FY-97 17 KITS								
TOTAL INSTALL QTY/COST								
TOTAL COST (BP-1100)							17	9.3

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MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE

MODIFICATION TITLE AND NO: F110-GE-100/129 #4 BEARING MN-F18001

CLC F-16 CLASS P

MODELS OF AIRCRAFT AFFECTED: F-16

CENTER: ASC

PE 0207133F TEAM POWER

DESCRIPTION/JUSTIFICATION: Improve the #4 Bearing failure detectability. Sump configuration results in centrifugal debris traps reducing flow to the detector. The F110 engine family has had 22 primary undetected #4 Bearing failures to date. Eleven were IFSD/seizures. Currently, the NRIFSD risk is assessed to be 2.5/MEFH. Implementation will reduce the NRIFSD risk and is considered a mandatory safety change.

DEVELOPMENT STATUS: Ongoing. Funded through the engine component improvement program (CIP).

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS							370	1.8	370	1.8	247	1.2
KITS NONRECUR												
EQUIPMENT												
EQUIP NONREC												
CHANGE ORDERS												
DATA												
SIM/TRAINER												
SUPPORT-EQUIP												
INSTALLATION OF HARDWARE												
FY-99 370 KITS							(370)	0.2				
FY-00 370 KITS									(370)	0.2		
FY-01 247 KITS											(247)	0.2
FY-02 82 KITS												
TOTAL INSTALL QTY/COST							370	0.2	370	0.2	247	0.2
TOTAL COST (BP-1100)							370	2.0	370	2.0	247	1.4
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT												
INITIAL LEAD TIME -- 2 MONTHS						FOLLOW-ON LEAD TIME -- 2 MONTHS						

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FACT SHEET: F-16 MN-F18001 F110-GE-100/129 #4 BEARING (CONTINUED)
 PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)								
PROCUREMENT (3010)								
INSTALL KITS	82	0.4					1069	5.2
KITS NONRECUR								
EQUIPMENT								
EQUIP NONREC								
CHANGE ORDERS								
DATA								
SIM/TRAINER								
SUPPORT-EQUIP								
INSTALLATION OF HARDWARE								
FY-99 370 KITS							(370)	0.2
FY-00 370 KITS							(370)	0.2
FY-01 247 KITS							(247)	0.2
FY-02 82 KITS	(82)	0.1					(82)	0.1
TOTAL INSTALL QTY/COST	82	0.1					1069	0.7
TOTAL COST (BP-1100)	82	0.5					1069	5.9
(TOTALS MAY NOT ADD DUE TO ROUNDING.)								
MILESTONES								
	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02		
CONTRACT-DATE (QTR/FY)			1/99	1/00	1/01	1/02		
DELIVERY-DATE (QTR/FY)			1/99	1/00	1/01	1/02		
INSTALLATION SCHEDULE:	FY-97		FY-98		FY-99		FY-00	FY-01
QUARTERS	1 2 3 4		1 2 3 4		1 2 3 4		1 2 3 4	1 2 3 4
INPUT					92 92 93 93		92 92 93 93	61 62 62 62
OUTPUT					92 92 93 93		92 92 93 93	61 62 62 62
INSTALLATION SCHEDULE:	FY-02							
QUARTERS	1 2 3 4							
INPUT	20 20 21 21							
OUTPUT	20 20 21 21							

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MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE

MODIFICATION TITLE AND NO: F110 DEC HARDWARE RETROFIT MN-F19410

CLC F-16 CLASS P

MODELS OF AIRCRAFT AFFECTED: F-16C/D

CENTER: ASC

PE 0207133F TEAM POWER

DESCRIPTION/JUSTIFICATION: This retrofit improves the reliability and maintainability of the driver LRU on the F110 DEC and provides on-wing reprogramming capability for the Block 30/40/50. Currently, the DEC cannot be reprogrammed without removing it from an engine. On-wing reprogramming will provide significant O&S savings and allow implementation of operational capability improvements.

Aircraft Breakdown:

Active -- 319 RES -- 248 ANG -- 36

Block 50: Active -- 179

DEVELOPMENT STATUS: Complete. Funded through the Engine Component Improvement Program (CIP).

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS							156	1.9	182	2.4	120	1.5
KITS NONRECUR												
EQUIPMENT												
EQUIP NONREC												
CHANGE ORDERS												
DATA												
SIM/TRAINER												
SUPPORT-EQUIP						0.3		0.4				
TOTAL COST (BP-1100)						0.3	156	2.3	182	2.4	120	1.5
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION -- ORG/INTERMEDIATE												
INITIAL LEAD TIME -- 9 MONTHS					FOLLOW-ON LEAD TIME -- 6 MONTHS							

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FACT SHEET: F-16 MN-F19410 F110 DEC HARDWARE RETROFIT (CONTINUED)
 PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)								
PROCUREMENT (3010)								
INSTALL KITS	52	0.2					510	6.1
KITS NONRECUR								
EQUIPMENT								
EQUIP NONREC								
CHANGE ORDERS								
DATA								
SIM/TRAINER								
SUPPORT-EQUIP								0.7
TOTAL COST (BP-1100)	52	0.2					510	6.8
(TOTALS MAY NOT ADD DUE TO ROUNDING.)								
MILESTONES								
	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02		
CONTRACT-DATE (QTR/FY)		2/98	1/99	1/00	1/01	1/02		
DELIVERY-DATE (QTR/FY)		1/99	3/99	3/00	3/01	3/02		

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MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB

MODIFICATION TITLE AND NO: HTS PLUS UP MN_N1VJR

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC F-16 CLASS P

MODELS OF AIRCRAFT AFFECTED: F-16 BLOCK 50

CENTER: ASC

PE 0207133F TEAM POWER

DESCRIPTION/JUSTIFICATION: Harm Targeting System for F-16. This is in support a HTS R5/R6 efforts in the Weapons PE27136F. The HTS program office is the lead for this effort and is responsible for the program execution these funds are supporting.

DEVELOPMENT STATUS:

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS					80	2.9						
KITS NONRECUR												
EQUIPMENT												
EQUIP NONREC												
CHANGE ORDERS												
DATA												
SIM/TRAINER												
SUPPORT-EQUIP												
INSTALLATION OF HARDWARE												
FY-98 80 KITS												
TOTAL INSTALL QTY/COST												
TOTAL COST (BP-1100)					80	2.9						
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION --												
INITIAL LEAD TIME -- MONTHS					FOLLOW-ON LEAD TIME -- MONTHS							

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FACT SHEET: F-16 MN-_NLVJR HTS PLUS UP
 PROJECTED FINANCIAL PLAN (CONTINUED)

(CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)								
PROCUREMENT (3010)								
INSTALL KITS							80	2.9
KITS NONRECUR								
EQUIPMENT								
EQUIP NONREC								
CHANGE ORDERS								
DATA								
SIM/TRAINER								
SUPPORT-EQUIP								
INSTALLATION OF HARDWARE								
FY-98 80 KITS								
TOTAL INSTALL QTY/COST								
TOTAL COST (BP-1100)							80	2.9
(TOTALS MAY NOT ADD DUE TO ROUNDING.)								
MILESTONES								
	FY-97	FY-98						
	-----	-----						
CONTRACT-DATE (QTR/FY)		2/98						
DELIVERY-DATE (QTR/FY)		2/99						

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MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC F-16 CLASS P

MODIFICATION TITLE AND NO: ANG/AFRES TARGETING PODS MN_WOITF

MODELS OF AIRCRAFT AFFECTED: F-16 C/D

CENTER: ASC

PE 0207133F TEAM POWER

DESCRIPTION/JUSTIFICATION: This project is to provide precision weapon delivery capability to the ANG/AFRES. Source selection and initial procurement contract award is scheduled for the fourth quarter of FY98 and is being managed by ASC/FBL. GREA funding was provided for FY98. This FY99 budget continues procurement of Precision Attack Targeting System (PATS) pods for use on the Pre-Block 40 ANG/AFRES aircraft. Future GREA funding is planned to continue procurement through FY 02 to support this project.

DEVELOPMENT STATUS: No development required. This is procurement of NDI pods.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS												
KITS NONRECUR												
EQUIPMENT							23.1					
EQUIP NONREC												
CHANGE ORDERS												
DATA												
SIM/TRAINER												
SUPPORT-EQUIP												
INSTALLATION OF HARDWARE												
TOTAL INSTALL QTY/COST												
TOTAL COST (BP-1100)							23.1					
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION --												
INITIAL LEAD TIME -- MONTHS				FOLLOW-ON LEAD TIME -- MONTHS								

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FACT SHEET: F-16 MN-_WOLTF ANG/AFRES TARGETING PODS (CONTINUED)
PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)								
PROCUREMENT (3010)								
INSTALL KITS								
KITS NONRECUR								
EQUIPMENT								23.1
EQUIP NONREC								
CHANGE ORDERS								
DATA								
SIM/TRAINER								
SUPPORT-EQUIP								
INSTALLATION OF HARDWARE								
TOTAL INSTALL QTY/COST								
TOTAL COST (BP-1100)								23.1

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)								DATE FEBRUARY 1998	
APPROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT AF/AIRCRAFT MODIFICATIONS					P-1 ITEM NOMENCLATURE: EF-111				
	1997	1998	1999	2000	2001	2002	2003		
COST (In Mil)	\$0.138	\$0.231							

This line item funds modifications to the EF-111 aircraft. The EF-111 is a twin engine, two seat, supersonic, long-range electronic warfare aircraft which denies, degrades, deceives and disrupts enemy early warning, ground controlled intercept, and acquisition radars. There are not any modifications budgeted in FY99.

CLASS	MOD NR	MODIFICATION TITLE	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	COST TO GO	TOTAL PROG.
P-S	99999A	LOW COST SAFETY MODIFICATIONS	0.1	0.2							0.4
		CLASS P-S TOTAL FOR EF-111	0.1	0.2							
		TOTAL FOR EF-111	0.1	0.2							

Totals may not add due to rounding.

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)								DATE FEBRUARY 1998	
APPROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT AF/AIRCRAFT MODIFICATIONS					P-1 ITEM NOMENCLATURE: T/AT-37				
	1997	1998	1999	2000	2001	2002	2003		
COST (In Mil)	\$0.096	\$0.093	\$0.090	\$0.089	\$0.088	\$0.088	\$0.086		

The T-37 is a twin engine, two seat (side-by-side), subsonic jet trainer used by AETC as a primary trainer in Undergraduate Pilot and Navigator Training. The overall goal of the modification budgeted in FY99 is to enhance flight safety while improving reliability and maintainability. The specific modification budgeted and programmed is below.

CLASS	MOD NR	MODIFICATION TITLE	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	COST TO GO	TOTAL PROG.
P-S	99999A	LOW COST SAFETY MODIFICATIONS	0.1	0.1	0.1	0.1	0.1	0.1	0.1		0.8
		CLASS P-S TOTAL FOR A/T-37	0.1	0.1	0.1	0.1	0.1	0.1	0.1		
		TOTAL FOR A/T-37	0.1	0.1	0.1	0.1	0.1	0.1	0.1		

Totals may not add due to rounding.

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)								DATE FEBRUARY 1998
APPROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT AF/AIRCRAFT MODIFICATIONS				P-1 ITEM NOMENCLATURE: C-5				
	1997	1998	1999	2000	2001	2002	2003	
COST (In Mil)	\$61.656	\$81.178	\$63.635	\$192.998	\$120.973	\$154.352	\$107.541	

This line item funds modifications to the C-5 aircraft. The four engine C-5 carries outsized and heavy cargo (tanks, helicopters, etc.) between main operating bases. The aircraft routinely carries 73 troops and 36 standard 463-L pallets. The primary modification budgeted in FY99 is the TF-39 High Pressure Turbine (HPT). Other modifications enhance operational capability while improving flight safety, reliability, and maintainability. The specific modifications budgeted and programmed are below.

CLASS	MOD NR	MODIFICATION TITLE	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	COST TO GO	TOTAL PROG.
P	14220B	MLG/DOOR ACTUATING SYSTEM (R&M	3.0	0.5							78.3
	15203B	MADARS REPLACEMENT	8.3	3.0							222.3
	3150	NAVSTAR GLOBAL POSITIONING SYS	11.9	8.3	6.7	5.3					88.5
	3455	AIRLIFT DEFENSIVE SYSTEMS	1.3	4.3	2.7	2.8	5.1				30.8
	6019	MADARS II MULTIPLEXER PROCESSO	0.4								4.2
	6030	REDUCED VERTICAL SEPARATION MI	0.7								0.7
	6032	COMPARTMENT FLOOR CORROSION PR			0.4	0.3					4.7
	6035	D-SUMP LUBE LINE MODIFICATION		1.5							1.5
	6036	SMART ENGINE DIAGNOSTICS				1.1	4.3				5.4
	6037	TF39 ENGINE HIGH PRESSURE TURB	19.7	34.2	33.1	37.0	41.1	24.9			190.0
	6038	AVIONICS MODERN PROGRAM				113.4	53.7	123.2	107.0	200.6	597.9
	6103	HYDRAULIC SURGE CONTROL -EASY			2.3						2.3
	6150	STANDBY ATTITUDE INDICATOR	3.9	1.2							5.2
	6151	REPLACE FUEL FLOW TRANSMITTER		6.5							6.5
	6152	ANTI-SKID RELIABILITY UPGRADE		8.5							8.5
	96001	STATION KEEPING EQUIPMENT	10.8	2.4		13.6	10.2	0.4			37.5
	96002	AIRDROP SYSTEM EQUIPMENT				0.4	0.4	0.3			1.1
	96003	AIRCRAFT FORMATION LIGHTING	1.6	0.3		2.1	2.2	0.6			6.8
	96004	SINGARS		7.9	13.1	13.2					34.3
	99999X	LOW COST MODIFICATIONS		0.9				0.1	0.1		2.8
	EGPWS	ENHANCED GROUND PROXIMITY WARN			5.3	3.9	3.9	4.8	0.4		18.3
	Z88888	REPROGRAMMINGS		1.7							1.7
	CLASS P	TOTAL FOR C-5	61.6	81.2	63.6	193.0	121.0	154.4	107.5	200.6	
	TOTAL FOR C-5		61.6	81.2	63.6	193.0	121.0	154.4	107.5	200.6	

Totals may not add due to rounding.

	P-1 SHOPP LIST ITEM NO. 035	PAGE NO.	214
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MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC C-5 CLASS P

MODIFICATION TITLE AND NO: MLG/DOOR ACTUATING SYSTEM (R&M) MN-14220B

MODELS OF AIRCRAFT AFFECTED: C-5A/B

CENTER: SA-ALC

PE 0401119F TEAM MOBIL

DESCRIPTION/JUSTIFICATION: Installs a simpler main landing gear (MLG) door actuation system consisting of two main actuators/gearboxes per each MLG instead of the present ten. Existing system is plagued with failures resulting in four Class C accidents within past year. Will also provide commonality with C-5B production aircraft. Includes modification of the maintenance trainer unit.

AIRCRAFT BREAKDOWN: Active -- 32 RES -- 32 ANG -- 12

DEVELOPMENT STATUS: Complete

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS	77	15.3										
KITS NONRECUR EQUIPMENT	(77)	44.8										
EQUIP NONREC CHANGE ORDERS												
DATA		0.5				0.5						
SIM/TRAINER	(2)	1.1										
SUPPORT-EQUIP KIT REPLENISH		0.9										
INSTALLATION OF HARDWARE												
FY-88 53 KITS	(53)	3.0										
FY-89 24 KITS	(18)	9.1	(6)	3.0								
TOTAL INSTALL QTY/COST	71	12.1	6	3.0								
TOTAL COST (BP-1100)	77	74.8		3.0		0.5						
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT												
INITIAL LEAD TIME -- 6 MONTHS					FOLLOW-ON LEAD TIME -- 6 MONTHS							

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FACT SHEET: C-5 MN-14220B MLG/DOOR ACTUATING SYSTEM (R&M) (CONTINUED)
 PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL					
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT				
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS							77	15.3				
KITS NONRECUR												
EQUIPMENT								44.8				
EQUIP NONREC												
CHANGE ORDERS												
DATA								1.0				
SIM/TRAINER								1.1				
SUPPORT-EQUIP												
KIT REPLENISH								0.9				
INSTALLATION OF HARDWARE												
FY-88 53 KITS							(53)	3.0				
FY-89 24 KITS							(24)	12.2				
TOTAL INSTALL QTY/COST							77	15.2				
TOTAL COST (BP-1100)							77	78.3				
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
MILESTONES												
	FY-88	FY-89	FY-90	FY-91	FY-92	FY-93	FY-94	FY-95	FY-96	FY-97	FY-98	
CONTRACT-DATE (QTR/FY)	1/88	1/89					1/94					
DELIVERY-DATE (QTR/FY)	3/88	3/89					3/94					
INSTALLATION SCHEDULE:	FY-88		FY-89		FY-90		FY-91		FY-92			
QUARTERS	1 2 3 4		1 2 3 4		1 2 3 4		1 2 3 4		1 2 3 4		1 2 3 4	
INPUT			4 4 4 4		4 4 4 4		4 4 4 4		4 4 4 4		4 4 4 4	
OUTPUT			4 4 4 4		4 4 4 4		4 4 4 4		4 4 4 4		4 4 4 4	
INSTALLATION SCHEDULE:	FY-93		FY-94		FY-95		FY-96		FY-97			
QUARTERS	1 2 3 4		1 2 3 4		1 2 3 4		1 2 3 4		1 2 3 4		1 2 3 4	
INPUT			4 4 4 3		2 2 2 2		2 1 1 1		1 1 1 1		2 2 2 1	
OUTPUT			4 4 4 3		2 2 2 2		2 1 1 1		1 1 1 1		2 2 2 1	
INSTALLATION SCHEDULE:	FY-98											
QUARTERS	1 2 3 4											
INPUT												
OUTPUT	1											

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MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC C-5 CLASS P

MODIFICATION TITLE AND NO: MADARS REPLACEMENT MN-15203B

MODELS OF AIRCRAFT AFFECTED: C-5A

CENTER: SA-ALC

PE 0401119F TEAM MOBIL

DESCRIPTION/JUSTIFICATION: Replaces malfunction detection, analysis and recording system (MADARS) with state of the art digital electronics.
Allows consolidation of many functions reducing number of total boxes. Present MADARS is unreliable and costly to maintain.

AIRCRAFT BREAKDOWN: Active -- 32 RES -- 32 ANG -- 12

DEVELOPMENT STATUS: Complete.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS	76	67.6										
KITS NONRECUR												
EQUIPMENT (76)		60.3										
EQUIP NONREC		12.4										
CHANGE ORDERS												
DATA		4.3				3.0						
SIM/TRAINER												
SUPPORT-EQUIP		24.4		0.6								
MISC		8.6										
MOD OF SPARES				0.3								
SOFTWARE				0.9								
OGC												
INSTALLATION OF HARDWARE												
FY-90 51 KITS (44)		13.1	(7)	6.4								
FY-91 15 KITS (15)		13.0										
FY-92 10 KITS (10)		7.3										
TOTAL INSTALL QTY/COST	69	33.4	7	6.4								
TOTAL COST (BP-1100)	76	211.1		8.3		3.0						
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT												
INITIAL LEAD TIME -- 10 MONTHS						FOLLOW-ON LEAD TIME -- 6 MONTHS						

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FACT SHEET: C-5 MN-15203B MADARS REPLACEMENT
 PROJECTED FINANCIAL PLAN (CONTINUED)

(CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL						
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT					
RDT&E (3600)													
PROCUREMENT (3010)													
INSTALL KITS							76	67.6					
KITS NONRECUR								0.0					
EQUIPMENT								60.3					
EQUIP NONREC								12.4					
CHANGE ORDERS													
DATA								7.3					
SIM/TRAINER													
SUPPORT-EQUIP								25.0					
MISC								8.6					
MOD OF SPARES								0.3					
SOFTWARE								0.9					
OGC								0.0					
INSTALLATION OF HARDWARE													
FY-90 51 KITS							(51)	19.6					
FY-91 15 KITS							(15)	13.0					
FY-92 10 KITS							(10)	7.3					
TOTAL INSTALL QTY/COST								76	39.9				
TOTAL COST (BP-1100)								76	222.3				
(TOTALS MAY NOT ADD DUE TO ROUNDING.)													
MILESTONES	FY-88	FY-89	FY-90	FY-91	FY-92	FY-93	FY-94	FY-95	FY-96	FY-97	FY-98		
CONTRACT-DATE (QTR/FY)	1/89	4/89	4/90	3/91	2/92								
DELIVERY-DATE (QTR/FY)	4/89	2/90	2/91	1/92	4/92								

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FACT SHEET: C-5 MN-15203B MADARS REPLACEMENT
PROJECTED FINANCIAL PLAN (CONTINUED)

(CONTINUED)

INSTALLATION SCHEDULE:	FY-88				FY-89				FY-90				FY-91				FY-92			
QUARTERS	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
INPUT									5	5	5	6	4	4	4	3	2	2	2	4
OUTPUT									5	5	5	6	4	4	4	3	2	2	2	2

INSTALLATION SCHEDULE:	FY-93				FY-94				FY-95				FY-96				FY-97			
QUARTERS	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
INPUT									2	2	2	1	4	4	4	4	2	2	2	1
OUTPUT	4								2	2	2	1	4	4	4	4	2	2	2	2

INSTALLATION SCHEDULE:	FY-98			
QUARTERS	1	2	3	4
INPUT				
OUTPUT	1			

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MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC C-5 CLASS P

MODIFICATION TITLE AND NO: NAVSTAR GLOBAL POSITIONING SYSTEM MN-3150

MODELS OF AIRCRAFT AFFECTED: C-5 A/B

CENTER: SA-ALC

PE 0401119F TEAM MOBIL

DESCRIPTION/JUSTIFICATION: The NAVSTAR Global Positioning System (GPS) provides worldwide three-dimensional positioning/navigation for military aircraft. Modification installs a Rckwell FMS-800 system, Buss System Interface Units, Antenna, electronic units, data loader / cartridge and a mission planning system (AFMSS).

AIRCRAFT BREAKDOWN: Active -- 82 RES -- 32 ANG -- 12

DEVELOPMENT STATUS: Complete.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS	126	6.2										
KITS NONRECUR	(1)	3.5										
EQUIPMENT	(126)	28.2										
EQUIP NONREC		4.0		0.6								
CHANGE ORDERS							0.6		5.2			
DATA												
SIM/TRAINER		7.1		11.0		1.7						
SUPPORT-EQUIP												
SOFTWARE		5.9		0.2		3.6						
FLIGHT TEST		0.8				1.0						
MEC KIT		0.5										
OGC						0.1						
INSTALLATION OF HARDWARE												
FY-94 1 KITS	(1)											
FY-95 37 KITS			(1)	0.1	(26)	2.0						
FY-96 88 KITS							(95)	6.1	(2)	0.1		
TOTAL INSTALL QTY/COST	1		1	0.1	26	2.0	95	6.1	2	0.1		
TOTAL COST (BP-1100)	126	56.3		11.9		8.3		6.7		5.3		
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION -- CONTRACT FIELD TEAM												
INITIAL LEAD TIME -- 32 MONTHS						FOLLOW-ON LEAD TIME -- 12 MONTHS						

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FACT SHEET: C-5 MN-3150 NAVSTAR GLOBAL POSITIONING SYSTEM (CONTINUED)
 PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)								
PROCUREMENT (3010)								
INSTALL KITS							126	6.2
KITS NONRECUR								3.5
EQUIPMENT								28.2
EQUIP NONREC								4.6
CHANGE ORDERS								5.8
DATA								
SIM/TRAINER								19.7
SUPPORT-EQUIP								
SOFTWARE								9.8
FLIGHT TEST								1.8
MEC KIT								0.5
OGC								0.1
INSTALLATION OF HARDWARE								
FY-94 1 KITS							(1)	
FY-95 37 KITS							(27)	2.1
FY-96 88 KITS							(97)	6.2
TOTAL INSTALL QTY/COST							125	8.2
TOTAL COST (BP-1100)							126	88.5
(TOTALS MAY NOT ADD DUE TO ROUNDING.)								
MILESTONES								
	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	
CONTRACT-DATE (QTR/FY)	1/94	4/96	3/96					
DELIVERY-DATE (QTR/FY)	3/96	2/98	1/98					
INSTALLATION SCHEDULE:	FY-94		FY-95		FY-96		FY-97	FY-98
QUARTERS	1 2 3 4		1 2 3 4		1 2 3 4		1 2 3 4	1 2 3 4
INPUT								1 9 17 24
OUTPUT								1 9 17 24
INSTALLATION SCHEDULE:	FY-99		FY-00					
QUARTERS	1 2 3 4		1 2 3 4					
INPUT	21 21 17 13		2					
OUTPUT	21 21 17 13		2					

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MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC C-5 CLASS P

MODIFICATION TITLE AND NO: AIRLIFT DEFENSIVE SYSTEMS MN-3455

MODELS OF AIRCRAFT AFFECTED: C-5

CENTER: SA-ALC

PE 0401119F TEAM MOBIL

DESCRIPTION/JUSTIFICATION: C-5 users have had a long standing mission requirement for electronic warfare defensive systems which will improve aircrew survivability. The electronic warfare defensive systems will consist of a missile warning receiver, and a flare and chaff dispenser. .

AIRCRAFT BREAKDOWN: Active -- 49 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: Complete.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS	8	3.5			11	0.7	10	0.7	10	0.8	10	0.8
KITS NONRECUR		0.8										
EQUIPMENT	(19)	2.5		0.4 (10)		0.1 (10)		0.1 (10)		0.2		
EQUIP NONREC		0.3				0.1						
CHANGE ORDERS												
DATA		0.8				1.0						0.5
SIM/TRAINER	(11)	1.1		0.1								
SUPPORT-EQUIP		0.5		0.5		0.8						
FLIGHT TEST				0.1								
RETROFIT	(4)	1.9										
SOFTWARE	(4)					0.8						
OGC												
INSTALLATION OF HARDWARE												
FY-93 2 KITS	(2)	3.1										
FY-95 6 KITS			(1)	0.2 (5)		0.7						
FY-98 11 KITS					(1)	0.1 (10)		1.9				
FY-99 10 KITS								(10)		1.9		
FY-00 10 KITS										(10)		1.9
FY-01 10 KITS										(10)		1.9
TOTAL INSTALL QTY/COST	2	3.1	1	0.2	6	0.9	10	1.9	10	1.9	20	3.8
TOTAL COST (BP-1100)	8	14.6		1.3	11	4.3	10	2.7	10	2.8	10	5.1

(TOTALS MAY NOT ADD DUE TO ROUNDING.)

METHOD OF IMPLEMENTATION: INSTALLATION -- CONTRACTOR FACILITY

INITIAL LEAD TIME -- 42 MONTHS

FOLLOW-ON LEAD TIME -- 6 MONTHS

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FACT SHEET: C-5 MN-3455 AIRLIFT DEFENSIVE SYSTEMS (CONTINUED)
 PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL			
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)										
PROCUREMENT (3010)										
INSTALL KITS							49	6.4		
KITS NONRECUR								0.8		
EQUIPMENT								3.4		
EQUIP NONREC								0.4		
CHANGE ORDERS										
DATA								2.3		
SIM/TRAINER								1.2		
SUPPORT-EQUIP								1.8		
FLIGHT TEST								0.1		
RETROFIT								1.9		
SOFTWARE								0.8		
OGC								0.0		
INSTALLATION OF HARDWARE										
FY-93 2 KITS							(2)	3.1		
FY-95 6 KITS							(6)	0.9		
FY-98 11 KITS							(11)	2.0		
FY-99 10 KITS							(10)	1.9		
FY-00 10 KITS							(10)	1.9		
FY-01 10 KITS							(10)	1.9		
TOTAL INSTALL QTY/COST								49	11.7	
TOTAL COST (BP-1100)								49	30.8	
(TOTALS MAY NOT ADD DUE TO ROUNDING.)										
MILESTONES										
	FY-93	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02
CONTRACT-DATE (QTR/FY)	1/93	1/94	1/95	1/96	3/97	1/98	1/99	1/00	1/01	
DELIVERY-DATE (QTR/FY)	3/93	3/94	2/98	2/98	3/98	3/98	3/99	3/00	3/01	
INSTALLATION SCHEDULE:	FY-93			FY-94			FY-95		FY-96	
QUARTERS	1 2 3 4			1 2 3 4	1		2 3 4	1	2 3 4	1 2 3 4
INPUT										1
OUTPUT		2								1
INSTALLATION SCHEDULE:	FY-98			FY-99			FY-00		FY-01	
QUARTERS	1 2 3 4			1 2 3 4	1		2 3 4	1	2 3 4	1 2 3 4
INPUT		2 2 2		2 2 3 3	2		2 3 3	2	2 3 3	2 3 3 2
OUTPUT		1 2 2		2 2 3 3	3		2 3 3	2	2 3 3	2 3 3 2

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MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE

MODIFICATION TITLE AND NO: TF39 ENGINE HIGH PRESSURE TURBINE MN-6037

CLC C-5 CLASS P

MODELS OF AIRCRAFT AFFECTED: C-5A/B

CENTER: SA-ALC

PE 0401119F TEAM MOBIL

DESCRIPTION/JUSTIFICATION: This modification redesigns the TF-39 high pressure turbine (HPT). The current HPT does not provide the required thrust capability for hot day take-offs. Existing state-of-the-art technology will reduce engine overhaul costs by fifty percent and permit max thrust take-offs when the temperature is greater than 71 degrees fahrenheit. Reduces cost per flying hour by approximately \$700. This modification consists of 665 kits. No install funds required as mod is installed during engine overhaul. AMC will include an increased FY02 requirement for 98 kits (\$30.155M) in the Fy00 POM.

AIRCRAFT BREAKDOWN: Active -- 432 RES -- 166 ANG -- 67

DEVELOPMENT STATUS: Technology developed under continuous improvement program (CIP) initiative for engines.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS			60	15.4	133	34.2	145	33.1	125	37.0	136	41.1
KITS NONRECUR				4.3								
EQUIPMENT												
EQUIP NONREC												
CHANGE ORDERS												
DATA												
SIM/TRAINER												
SUPPORT-EQUIP												
MOD OF SPARES												
OGC												
INSTALLATION OF HARDWARE												
FY-97 60 KITS												
FY-98 133 KITS												
FY-99 145 KITS												
FY-00 125 KITS												
FY-01 136 KITS												
FY-02 66 KITS												
TOTAL INSTALL QTY/COST												
TOTAL COST (BP-1100)			60	19.7	133	34.2	145	33.1	125	37.0	136	41.1
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT												
INITIAL LEAD TIME -- 12 MONTHS						FOLLOW-ON LEAD TIME -- 12 MONTHS						

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FACT SHEET: C-5 MN-6037 TF39 ENGINE HIGH PRESSURE TURBINE (CONTINUED)
 PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)								
PROCUREMENT (3010)								
INSTALL KITS	66	20.3					665	181.1
KITS NONRECUR								4.3
EQUIPMENT								
EQUIP NONREC								
CHANGE ORDERS								
DATA								0.0
SIM/TRAINER								
SUPPORT-EQUIP								
MOD OF SPARES (15)		4.6						4.6
OGC								
INSTALLATION OF HARDWARE								
FY-97 60 KITS								
FY-98 133 KITS								
FY-99 145 KITS								
FY-00 125 KITS								
FY-01 136 KITS								
FY-02 66 KITS								
TOTAL INSTALL QTY/COST								
TOTAL COST (BP-1100)	66	24.9					665	190.0
(TOTALS MAY NOT ADD DUE TO ROUNDING.)								
MILESTONES								
	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	
CONTRACT-DATE (QTR/FY)	3/97	1/98	1/99	1/00	1/01			
DELIVERY-DATE (QTR/FY)	3/98	1/99	1/00	1/01	1/02			
INSTALLATION SCHEDULE:	FY-97		FY-98		FY-99		FY-00	FY-01
QUARTERS	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4
INPUT	41 41 41 37 33	36 36 37 36 32	31 31 31 31	31				
OUTPUT	41 41 41 37 33	36 36 37 36 32	31 31 31 31	31				
INSTALLATION SCHEDULE:	FY-02		FY-03					
QUARTERS	1 2 3 4	1 2 3 4						
INPUT	34 34 34 34	40 41						
OUTPUT	34 34 34 34	40 41						

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MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE

MODIFICATION TITLE AND NO: HYDRAULIC SURGE CONTROL -EASY OPEN VALVE MN-6103

CLC C-5 CLASS P

MODELS OF AIRCRAFT AFFECTED: C-5A/B

CENTER: SA-ALC

PE 0401119F TEAM MOBIL

DESCRIPTION/JUSTIFICATION: This modification installs hydraulic selector valves that are designed to open at a slightly lower rate to prevent surges and pressure spikes in the hydraulic system. Modified valves are to replace current ones associated with the selector valve on the landing gear, cargo doors and ramps.

AIRCRAFT BREAKDOWN: Active -- 82 RES -- 32 ANG -- 12

DEVELOPMENT STATUS: Complete.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS							126	2.3				
KITS NONRECUR												
EQUIPMENT												
EQUIP NONREC												
CHANGE ORDERS												
DATA												
SIM/TRAINER												
SUPPORT-EQUIP												
TOTAL COST (BP-1100)							126	2.3				
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION -- ORG/INTERMEDIATE												
INITIAL LEAD TIME -- 13 MONTHS												
FOLLOW-ON LEAD TIME -- 0 MONTHS												

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FACT SHEET: C-5 MN-6103 HYDRAULIC SURGE CONTROL -EASY OPEN VALVE (CONTINUED)
PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)								
PROCUREMENT (3010)								
INSTALL KITS							126	2.3
KITS NONRECUR								
EQUIPMENT								
EQUIP NONREC								
CHANGE ORDERS								
DATA								
SIM/TRAINER								
SUPPORT-EQUIP								
TOTAL COST (BP-1100)							126	2.3
(TOTALS MAY NOT ADD DUE TO ROUNDING.)								
MILESTONES								
		FY-97						

CONTRACT-DATE (QTR/FY)		2/97						
DELIVERY-DATE (QTR/FY)		2/98						

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MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC C-5 CLASS P

MODIFICATION TITLE AND NO: STANDBY ATTITUDE INDICATOR MN-6150

MODELS OF AIRCRAFT AFFECTED: C-5A/B

CENTER: SA-ALC

PE 0401119F TEAM MOBIL

DESCRIPTION/JUSTIFICATION: HQ AMC identified a requirement for a standby Attitude Indicator (ADI). While the #3 Inertial Navigation System (INS) provides a back-up source for attitude reference, this redundancy doesn't carry into the Attitude Indication portion of the system. Either a single misleading failure (unable to determine which indicator is correct) or a dual (hard) failure of the primary indicators will cause the operators to be without attitude information. This mod will lead the Air Force by introducing a new digital indicator. Additional requirements for standby attitude and airspeed will also be accommodated.

AIRCRAFT BREAKDOWN: Active -- 82 RES -- 32 ANG -- 12

DEVELOPMENT STATUS: N/A

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS			126	0.2								
KITS NONRECUR				0.5								
EQUIPMENT	(7)	0.1	(119)	3.1								
EQUIP NONREC												
CHANGE ORDERS												
DATA							0.1					
SIM/TRAINER				0.2	(11)	0.7						
SUPPORT-EQUIP												
OGC												
INSTALLATION OF HARDWARE												
FY-97 126 KITS					(126)	0.3						
TOTAL INSTALL QTY/COST					126	0.3						
TOTAL COST (BP-1100)		0.1	126	3.9		1.2						
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION -- CONTRACT FIELD TEAM												
INITIAL LEAD TIME -- 12 MONTHS						FOLLOW-ON LEAD TIME -- 12 MONTHS						

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FACT SHEET: C-5 MN-6150 STANDBY ATTITUDE INDICATOR (CONTINUED)
 PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)								
PROCUREMENT (3010)								
INSTALL KITS							126	0.2
KITS NONRECUR								0.5
EQUIPMENT								3.2
EQUIP NONREC								
CHANGE ORDERS								
DATA								0.1
SIM/TRAINER								0.9
SUPPORT-EQUIP								
OGC								0.0
INSTALLATION OF HARDWARE								
FY-97 126 KITS							(126)	0.3
TOTAL INSTALL QTY/COST							126	0.3
TOTAL COST (BP-1100)							126	5.2
(TOTALS MAY NOT ADD DUE TO ROUNDING.)								
MILESTONES								
	FY-96	FY-97	FY-98					
CONTRACT-DATE (QTR/FY)	4/96	1/97						
DELIVERY-DATE (QTR/FY)	1/98	1/98						
INSTALLATION SCHEDULE:	FY-96		FY-97		FY-98			
QUARTERS	1 2 3 4		1 2 3 4		1 2 3 4			
INPUT					31 47 48			
OUTPUT					31 47 48			

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MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC C-5 CLASS P

MODIFICATION TITLE AND NO: REPLACE FUEL FLOW TRANSMITTER & INDICATOR MN-6151

MODELS OF AIRCRAFT AFFECTED: C-5A/B/C

CENTER: SA-ALC

PE 0401119F TEAM MOBIL

DESCRIPTION/JUSTIFICATION: This modification replaces fuel flow transmitters and fuel flow indicators. In 1995, the transmitter failed 338 times and the indicator failed 278 times. Repairing these failures and replacing condemned units is costly in terms of dollars, manpower and reduced mission capability. Replacing these units with more reliable, state of the art units will result in reduced aircraft delays and increased aircraft availability. Quantity per aircraft is 4 transmitters and 2 indicators.

AIRCRAFT BREAKDOWN: Active -- 82 RES -- 32 ANG -- 12

DEVELOPMENT STATUS: N/A

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS					126	4.6						
KITS NONRECUR						0.1						
EQUIPMENT												
EQUIP NONREC												
CHANGE ORDERS												
DATA						0.5						
SIM/TRAINER						0.7						
SUPPORT-EQUIP												
MOD OF SPARES					(151)	0.6						
PMA												
TOTAL COST (BP-1100)					126	6.5						
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION -- ORG/INTERMEDIATE												
INITIAL LEAD TIME -- 12 MONTHS						FOLLOW-ON LEAD TIME -- 0 MONTHS						

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FACT SHEET: C-5 MN-6151 REPLACE FUEL FLOW TRANSMITTER & INDICATOR (CONTINUED)
 PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)								
PROCUREMENT (3010)								
INSTALL KITS							126	4.6
KITS NONRECUR								0.1
EQUIPMENT								
EQUIP NONREC								
CHANGE ORDERS								
DATA								0.5
SIM/TRAINER								0.7
SUPPORT-EQUIP								
MOD OF SPARES								0.6
PMA								0.0
TOTAL COST (BP-1100)							126	6.5
(TOTALS MAY NOT ADD DUE TO ROUNDING.)								
MILESTONES								
	FY-97	FY-98						
CONTRACT-DATE (QTR/FY)		2/98						
DELIVERY-DATE (QTR/FY)		2/99						

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DATE 01/26/98

MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE

MODIFICATION TITLE AND NO: ANTI-SKID RELIABILITY UPGRADE PROGRAM MN-6152

CLC C-5 CLASS P

MODELS OF AIRCRAFT AFFECTED: C-5A/B

CENTER: SA-ALC

PE 0401119F TEAM MOBIL

DESCRIPTION/JUSTIFICATION: This modification improves the anti-skid system by replacing the older failure prone and maintenance man-hour intensive system. The new system will increase MTBM by 200% and will reduce mean time to repair by 50%. The mod eliminates the need for and removes the tire deflation system.

AIRCRAFT BREAKDOWN: Active -- 82 RES -- 32 ANG -- 12

DEVELOPMENT STATUS: N/A

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS					126	7.5						
KITS NONRECUR						0.2						
EQUIPMENT												
EQUIP NONREC												
CHANGE ORDERS												
DATA						0.5						
SIM/TRAINER					(2)	0.1						
SUPPORT-EQUIP						0.2						
OGC												
TOTAL COST (BP-1100)					126	8.5						
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION -- ORG/INTERMEDIATE												
INITIAL LEAD TIME -- 12 MONTHS						FOLLOW-ON LEAD TIME -- 0 MONTHS						

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FACT SHEET: C-5 MN-6152 ANTI-SKID RELIABILITY UPGRADE PROGRAM (CONTINUED)
 PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)								
PROCUREMENT (3010)								
INSTALL KITS							126	7.5
KITS NONRECUR								0.2
EQUIPMENT								
EQUIP NONREC								
CHANGE ORDERS								
DATA								0.5
SIM/TRAINER								0.1
SUPPORT-EQUIP								0.2
OGC								0.0
TOTAL COST (BP-1100)							126	8.5
(TOTALS MAY NOT ADD DUE TO ROUNDING.)								
MILESTONES								
	FY-97	FY-98						
CONTRACT-DATE (QTR/FY)		2/98						
DELIVERY-DATE (QTR/FY)		2/99						

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DATE 01/26/98

MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB

MODIFICATION TITLE AND NO: STATION KEEPING EQUIPMENT MN-96001

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC C-5 CLASS P

MODELS OF AIRCRAFT AFFECTED: C-5

CENTER: SA-ALC

PE 0401119F TEAM MOBIL

DESCRIPTION/JUSTIFICATION: The C-5 requires station keeping equipment (SKE) to fly multiple ship formations in instrument meteorological conditions (IMC) on a variety of missions to include airland, airdrop, and air refueling operations. Equipment should be compatible with systems in the C-141 and C-17. As the C-141 retires, the C-5 will fill the brigade airdrop shortfall. The Air Mobility Command will not have sufficient number of SKE equipped aircraft to support brigade airdrop and formation missions due to the C-141 retirement. Initial eight aircraft used to certify C-5 as SBA capable. After certification the program will change to incorporate system into the FMS800 and the FY00 the Nonrecurring Engineering is for this integration.

AIRCRAFT BREAKDOWN: Active -- 33 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: Completed

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01		
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	
RDT&E (3600)													
PROCUREMENT (3010)													
INSTALL KITS			5	0.3	3	0.2			15	0.4	10	0.3	
KITS NONRECUR													
EQUIPMENT			(5)	2.1	(3)	1.2			(15)	4.6	(10)	3.1	
EQUIP NONREC				7.6						3.8			
CHANGE ORDERS													
DATA				0.8								1.0	
SIM/TRAINER									(5)	4.5	(6)	4.9	
SUPPORT-EQUIP													
OGC						0.1							
INSTALLATION OF HARDWARE													
FY-97 5 KITS					(8)	1.0							
FY-98 3 KITS													
FY-00 15 KITS									(4)	0.3	(11)	0.7	
FY-01 10 KITS											(4)	0.3	
TOTAL INSTALL QTY/COST						8	1.0			4	0.3	15	1.0
TOTAL COST (BP-1100)													
(TOTALS MAY NOT ADD DUE TO ROUNDING.)													
METHOD OF IMPLEMENTATION: INSTALLATION -- CONTRACTOR FACILITY													
INITIAL LEAD TIME -- 12 MONTHS													
FOLLOW-ON LEAD TIME -- 8 MONTHS													

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FACT SHEET: C-5 MN-96001 STATION KEEPING EQUIPMENT (CONTINUED)
 PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)								
PROCUREMENT (3010)								
INSTALL KITS							33	1.3
KITS NONRECUR								11.0
EQUIPMENT								11.4
EQUIP NONREC								1.9
CHANGE ORDERS								9.4
DATA								0.1
SIM/TRAINER								
SUPPORT-EQUIP								
OGC								
INSTALLATION OF HARDWARE								
FY-97 5 KITS							(8)	1.0
FY-98 3 KITS								
FY-00 15 KITS							(15)	1.0
FY-01 10 KITS	(6)	0.4					(10)	0.6
TOTAL INSTALL QTY/COST	6	0.4					33	2.6
TOTAL COST (BP-1100)		0.4					33	37.5
(TOTALS MAY NOT ADD DUE TO ROUNDING.)								
MILESTONES								
	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	
CONTRACT-DATE (QTR/FY)		4/97			1/00	1/01		
DELIVERY-DATE (QTR/FY)		4/98			3/00	3/01		
INSTALLATION SCHEDULE:	FY-96		FY-97		FY-98		FY-99	FY-00
QUARTERS	1 2 3 4		1 2 3 4		1 2 3 4		1 2 3 4	1 2 3 4
INPUT						8		4
OUTPUT							8	4
INSTALLATION SCHEDULE:	FY-01		FY-02					
QUARTERS	1 2 3 4		1 2 3 4					
INPUT	4 4 3 4		4 2					
OUTPUT	4 4 3 4		4 2					

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DATE 01/26/98

MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB
MODIFICATION TITLE AND NO: SINGGARS MN-96004

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC C-5 CLASS P

MODELS OF AIRCRAFT AFFECTED: C-5

CENTER: SA-ALC

PE 0401119F TEAM MOBIL

DESCRIPTION/JUSTIFICATION: The C-5 fleet requires SINGGARS radio kits to provide interoperability with Army and Air Force ground units during airdrop/airland operations. A requirement for VHF 8.33 KHz channel spacing has been added to meet future European airspace requirements above FL195.

AIRCRAFT BREAKDOWN: Active -- 82 RES -- 32 ANG -- 12

DEVELOPMENT STATUS: Complete.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS					20	1.6	54	4.5	52	4.4		
KITS NONRECUR												
EQUIPMENT					(20)	3.0	(54)	8.3	(52)	8.3		
EQUIP NONREC						1.8						
CHANGE ORDERS												
DATA								0.3				
SIM/TRAINER					(11)	1.0						
SUPPORT-EQUIP						0.5						
OGC												
INSTALLATION OF HARDWARE												
FY-98 20 KITS							(20)	0.1				
FY-99 54 KITS									(54)	0.3		
FY-00 52 KITS									(52)	0.3		
TOTAL INSTALL QTY/COST							20	0.1	106	0.5		
TOTAL COST (BP-1100)					20	7.9	54	13.1	52	13.2		

(TOTALS MAY NOT ADD DUE TO ROUNDING.)

METHOD OF IMPLEMENTATION: INSTALLATION -- CONTRACT FIELD TEAM

INITIAL LEAD TIME -- 12 MONTHS

FOLLOW-ON LEAD TIME -- 9 MONTHS

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FACT SHEET: C-5 MN-96004 SINGARS
 PROJECTED FINANCIAL PLAN (CONTINUED)

(CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL									
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT								
RDT&E (3600)																
PROCUREMENT (3010)																
INSTALL KITS							126	10.5								
KITS NONRECUR																
EQUIPMENT								19.6								
EQUIP NONREC								1.8								
CHANGE ORDERS																
DATA								0.3								
SIM/TRAINER								1.0								
SUPPORT-EQUIP								0.5								
OGC								0.0								
INSTALLATION OF HARDWARE																
FY-98 20 KITS							(20)	0.1								
FY-99 54 KITS							(54)	0.3								
FY-00 52 KITS							(52)	0.3								
TOTAL INSTALL QTY/COST							126	0.6								
TOTAL COST (BP-1100)							126	34.3								
(TOTALS MAY NOT ADD DUE TO ROUNDING.)																
MILESTONES																
	FY-97	FY-98	FY-99	FY-00	FY-01											
CONTRACT-DATE (QTR/FY)		2/98	1/99	1/00												
DELIVERY-DATE (QTR/FY)		2/99	4/99	4/00												
INSTALLATION SCHEDULE:	FY-97	FY-98			FY-99				FY-00				FY-01			
QUARTERS	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4			
INPUT						10 10	18 18	18 26	26 26							
OUTPUT						10 10	18 18	18 26	26 26							

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DATE 01/26/98

MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB

MODIFICATION TITLE AND NO: ENHANCED GROUND PROXIMITY WARNING SYSTEM MN-EGPWS

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC C-5 CLASS P

MODELS OF AIRCRAFT AFFECTED: C-5A/B/C

CENTER: SA-ALC

PE 0401119F TEAM MOBIL

DESCRIPTION/JUSTIFICATION: Replaces second generation Ground Proximity Warning Computer (GPWC) with the latest state-of-the-art fourth generation GPWC. The new GPWC includes: Mode 1 excessive descent rate; Mode 2 excessive terrain closure rate; Mode 3 altitude loss after takeoff; Mode 4 unsafe terrain clearance and unsafe gear and flap position; Mode 5 below glideslope, excessive bank angle warning, altitude call outs, windshear detection/alerting, terrain clearance floor alerts, and terrain display.

AIRCRAFT BREAKDOWN: Active -- 82 RES -- 32 ANG -- 12

DEVELOPMENT STATUS: None

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS							1		45	0.5	40	0.5
KITS NONRECUR								2.5				
EQUIPMENT							(1)	0.1	(45)	3.3	(40)	3.0
EQUIP NONREC												
CHANGE ORDERS												
DATA												
SIM/TRAINER							(11)	1.0				
SUPPORT-EQUIP								1.0				
SOFTWARE								0.8				
INSTALLATION OF HARDWARE												
FY-99 1 KITS							(1)					
FY-00 45 KITS									(10)	0.1	(35)	0.4
FY-01 40 KITS										(5)		0.1
FY-02 40 KITS												
TOTAL INSTALL QTY/COST							1		10	0.1	40	0.4
TOTAL COST (BP-1100)							1	5.3	45	3.9	40	3.9

(TOTALS MAY NOT ADD DUE TO ROUNDING.)

METHOD OF IMPLEMENTATION: INSTALLATION -- CONTRACT FIELD TEAM

INITIAL LEAD TIME -- 9 MONTHS

FOLLOW-ON LEAD TIME -- 9 MONTHS

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FACT SHEET: C-5 MN-EGPWS ENHANCED GROUND PROXIMITY WARNING SYSTEM (CONTINUED)
 PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)								
PROCUREMENT (3010)								
INSTALL KITS	40	0.5					126	1.5
KITS NONRECUR								2.5
EQUIPMENT (40)		3.1						9.4
EQUIP NONREC								
CHANGE ORDERS								
DATA		0.8						0.8
SIM/TRAINER								1.0
SUPPORT-EQUIP								1.0
SOFTWARE								0.8
INSTALLATION OF HARDWARE								
FY-99 1 KITS							(1)	0.0
FY-00 45 KITS							(45)	0.5
FY-01 40 KITS (35)		0.4					(40)	0.4
FY-02 40 KITS (5)		0.1	(35)	0.4			(40)	0.5
TOTAL INSTALL QTY/COST	40	0.4	35	0.4			126	1.4
TOTAL COST (BP-1100)	40	4.8		0.4			126	18.3

(TOTALS MAY NOT ADD DUE TO ROUNDING.)

MILESTONES

	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03
CONTRACT-DATE (QTR/FY)			2/99	1/00	1/01	1/02	
DELIVERY-DATE (QTR/FY)			4/99	3/00	3/01	3/02	

INSTALLATION SCHEDULE:	FY-97				FY-98				FY-99				FY-00				FY-01			
QUARTERS	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
INPUT																	10	10	10	10
OUTPUT																	10	10	10	10

INSTALLATION SCHEDULE:	FY-02				FY-03			
QUARTERS	1	2	3	4	1	2	3	4
INPUT	10	10	10	10	10	10	10	5
OUTPUT	10	10	10	10	10	10	10	5

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)							DATE FEBRUARY 1998	
APPROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT AF/AIRCRAFT MODIFICATIONS				P-1 ITEM NOMENCLATURE: C-9				
	1997	1998	1999	2000	2001	2002	2003	
COST (In Mil)	\$11.308	\$15.957	\$9.462	\$12.885	\$16.610	\$8.223	\$8.869	

This line item funds modifications to the C-9 aircraft, commercial equivalent DC-9. The C-9A is a medium-range, twin-engine, jet transport designed to carry patients and medical personnel. The C-9C is used to transport the vice-president, cabinet members, members of Congress and other high ranking U.S. and foreign officials. The primary modification budgeted in FY99 is the Reduced Vertical Separation Minima (RVSM). Other modifications budgeted enhance operational capability while improving flight safety, reliability, and maintainability. The specific modifications budgeted and programmed are below.

CLASS	MOD NR	MODIFICATION TITLE	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	COST TO GO	TOTAL PROG.
P	3009	REENGINE		5.2	2.3	5.4	6.3				19.3
	3149T	TRAFFIC ALERT & COLLISON AVOID	3.3	5.1							8.4
	3150	NAVSTAR GLOBAL POSITIONING SYS	6.8	2.5							26.6
	9709	GLOBAL AIR TRAFFIC MANAGEMENT					1.4	6.9	6.8	9.3	24.4
	99999S	SERVICE BULLETINS	0.4	1.2	1.0	0.9	1.9	1.3	1.5		20.5
	99999X	LOW COST MODIFICATIONS	0.9	1.6	0.1	0.1	0.1		0.6		3.7
	EGPWS	ENHANCED GROUND PROXIMITY WARN			2.2	3.0	1.8				7.0
	Z88888	REPROGRAMMINGS		0.3							-0.5
	_X2SSO	RVSM FLEET			3.9	3.5	5.2				12.6
	CLASS P	TOTAL FOR C-9	11.3	16.0	9.5	12.9	16.6	8.2	8.9	9.3	
	TOTAL FOR C-9		11.3	16.0	9.5	12.9	16.6	8.2	8.9	9.3	

Totals may not add due to rounding.

P-1 SHOPP LIST ITEM NO. 036	PAGE NO.	240
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DATE 01/26/98

MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB
MODIFICATION TITLE AND NO: REENGINE MN-3009

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC C-9 CLASS P

MODELS OF AIRCRAFT AFFECTED: C-9 ENGINES

CENTER: OC-ALC

PE 0401314F TEAM MOBIL

DESCRIPTION/JUSTIFICATION: This modification procures needed engine requirements to comply with FAA mandated noise reduction policy. Engine hush kits are the only feasible answer to C-9 noise reduction at this time. A decision has been made to install engine hush kits and upgrade engine performance on three C-9C aircraft and two C-9A aircraft. Additionally, four spare engines require modification. When these kits are installed, these aircraft/engines will comply with ICAO and FAA stage III noise reduction requirements. An install kit consists of the components to modify one aircraft and it's two associated engines.

AIRCRAFT BREAKDOWN: Active -- 5 RES -- 0 ANG -- 0

DEVELOPMENT STATUS:

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS					2	4.5	1	2.2	1	2.4	1	2.1
KITS NONRECUR EQUIPMENT										0.8		
EQUIP NONREC												3.9
CHANGE ORDERS						0.1						
DATA						0.6				0.1		
SIM/TRAINER												
SUPPORT-EQUIP										2.2		0.2
MOD OF SPARES					(1)	0.1	(1)	0.1			(2)	0.1
TOTAL COST (BP-1100)					2	5.2	1	2.3	1	5.4	1	6.3
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION -- ORG/INTERMEDIATE												
INITIAL LEAD TIME -- 3 MONTHS					FOLLOW-ON LEAD TIME -- 3 MONTHS							

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FACT SHEET: C-9 MN-3009 REENGINE
 PROJECTED FINANCIAL PLAN (CONTINUED)

(CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)								
PROCUREMENT (3010)								
INSTALL KITS							5	11.2
KITS NONRECUR								
EQUIPMENT								0.8
EQUIP NONREC								3.9
CHANGE ORDERS								0.1
DATA								0.7
SIM/TRAINER								
SUPPORT-EQUIP								2.4
MOD OF SPARES								0.2
TOTAL COST (BP-1100)							5	19.3
(TOTALS MAY NOT ADD DUE TO ROUNDING.)								
MILESTONES								
	FY-97	FY-98	FY-99	FY-00	FY-01			
CONTRACT-DATE (QTR/FY)		1/98	1/99	1/00	1/01			
DELIVERY-DATE (QTR/FY)		2/98	2/99	2/00	2/01			

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*** UNCLASSIFIED ***

DATE 01/26/98

MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE

MODIFICATION TITLE AND NO: TRAFFIC ALERT & COLLISION AVOIDANCE SYSTEM MN-3149T

CLC C-9 CLASS P

MODELS OF AIRCRAFT AFFECTED: C-9A/C, AIREVAC AND DV AIRCRAFT

CENTER: OC-ALC

PE 0401314F TEAM MOBIL

DESCRIPTION/JUSTIFICATION: The TCAS modification will install two directional antennas, top and bottom, in the forward area of the aircraft, and a processor in the avionics bay. The current IFF transponder will be replaced by a dual-mode transponder including the Mode S capability required for TCAS II operation. The processor will generate traffic alerts and resolution advisories that will be displayed on Integrated Vertical Speed Indicators (IVSIs) on the pilot and copilot flight instruments panel. The system will require a minor software mod the FMS to interface to the dual-mode transponder.

AIRCRAFT BREAKDOWN: Active -- 23 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: N/A.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS			9	0.8	12	1.2						
KITS NONRECUR			2	0.2								
EQUIPMENT			(9)	0.8	(12)	1.2						
EQUIP NONREC			(2)	0.2								
CHANGE ORDERS												
DATA						1.4						
SIM/TRAINER												
SUPPORT-EQUIP												
INSTALLATION OF HARDWARE												
FY-97 11 KITS			(11)	1.3								
FY-98 12 KITS					(12)	1.3						
TOTAL INSTALL QTY/COST			11	1.3	12	1.3						
TOTAL COST (BP-1100)			11	3.3	12	5.1						
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION -- CONTRACTOR FACILITY												
INITIAL LEAD TIME -- 3 MONTHS						FOLLOW-ON LEAD TIME -- 3 MONTHS						

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FACT SHEET: C-9 MN-3149T TRAFFIC ALERT & COLLISION AVOIDANCE SYSTEM (CONTINUED)
 PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)								
PROCUREMENT (3010)								
INSTALL KITS							21	2.0
KITS NONRECUR							2	0.2
EQUIPMENT								2.0
EQUIP NONREC								0.2
CHANGE ORDERS								
DATA								1.4
SIM/TRAINER								
SUPPORT-EQUIP								
INSTALLATION OF HARDWARE								
FY-97 11 KITS							(11)	1.3
FY-98 12 KITS							(12)	1.3
TOTAL INSTALL QTY/COST							23	2.6
TOTAL COST (BP-1100)							23	8.4
(TOTALS MAY NOT ADD DUE TO ROUNDING.)								
MILESTONES								
		FY-97	FY-98					
CONTRACT-DATE (QTR/FY)		1/97	1/98					
DELIVERY-DATE (QTR/FY)		2/97	2/98					
INSTALLATION SCHEDULE:		FY-97		FY-98				
QUARTERS	1	2	3	4	1	2	3	4
INPUT		3	4	4	4	4	4	4
OUTPUT			3	4	4	4	4	4

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DATE 01/26/98

MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC C-9 CLASS P

MODIFICATION TITLE AND NO: NAVSTAR GLOBAL POSITIONING SYSTEM MN-3150

MODELS OF AIRCRAFT AFFECTED: C-9

CENTER: OC-ALC

PE 0401314F TEAM MOBIL

DESCRIPTION/JUSTIFICATION: The Global Positioning System (GPS) will incorporate two Rockwell Collins FMS-800 into the cockpit of the C-9 aircraft. The mod has provisions to install a single Litton LTN-92 into 19 C-9A. The 4 remaining aircraft are equipped with two LTN-92. Imbedded into the FMS-800 is the GPS, INU, TACAN, IFF, and DES controls, this will alleviate the crowded cockpit space.

AIRCRAFT BREAKDOWN: Active -- 23 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: None. No RDT&E required.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS	19	6.0			1	0.3						
KITS NONRECUR	3	3.3										
EQUIPMENT	(13)	3.8	(6)	0.8	(1)	0.3						
EQUIP NONREC	(3)	2.6										
CHANGE ORDERS												
DATA		1.4										
SIM/TRAINER												
SUPPORT-EQUIP		0.3		0.6		0.3						
INSTALLATION OF HARDWARE												
FY-94 5 KITS			(5)	1.8								
FY-95 5 KITS			(5)	1.8								
FY-96 12 KITS			(6)	1.8								
FY-98 1 KITS					(1)	0.3						
TOTAL INSTALL QTY/COST			16	5.4	7	1.7						
TOTAL COST (BP-1100)	22	17.4		6.8	1	2.5						
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT												
INITIAL LEAD TIME -- 12 MONTHS						FOLLOW-ON LEAD TIME -- 12 MONTHS						

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FACT SHEET: C-9 MN-3150 NAVSTAR GLOBAL POSITIONING SYSTEM (CONTINUED)
 PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL									
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT								
RDT&E (3600)																
PROCUREMENT (3010)																
INSTALL KITS							20	6.2								
KITS NONRECUR							3	3.3								
EQUIPMENT								4.8								
EQUIP NONREC								2.6								
CHANGE ORDERS																
DATA								1.4								
SIM/TRAINER																
SUPPORT-EQUIP								1.2								
INSTALLATION OF HARDWARE																
FY-94 5 KITS							(5)	1.8								
FY-95 5 KITS							(5)	1.8								
FY-96 12 KITS							(6)	1.8								
FY-98 1 KITS							(1)	0.3								
TOTAL INSTALL QTY/COST							23	7.1								
TOTAL COST (BP-1100)							23	26.6								
(TOTALS MAY NOT ADD DUE TO ROUNDING.)																
MILESTONES																
	FY-94	FY-95	FY-96	FY-97	FY-98											
CONTRACT-DATE (QTR/FY)	4/94	2/95	2/96	2/97	1/98											
DELIVERY-DATE (QTR/FY)	4/95	2/96	2/97	2/98	4/98											
INSTALLATION SCHEDULE:	FY-94	FY-95			FY-96				FY-97				FY-98			
QUARTERS	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4			
INPUT							3 4 4 3	3 3 3 3								
OUTPUT							3 4 4 3	3 3 3 3								

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DATE 01/26/98

MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC C-9 CLASS P

MODIFICATION TITLE AND NO: ENHANCED GROUND PROXIMITY WARNING SYSTEM MN-EGPWS

MODELS OF AIRCRAFT AFFECTED: C-9A/C

CENTER: OC-ALC

PE 0401314F TEAM MOBIL

DESCRIPTION/JUSTIFICATION: The Enhanced Ground Proximity Warning System (EGPWS) will install the equipment to provide ground warnings, terrain display, and terrain data base look ahead protection.

AIRCRAFT BREAKDOWN: Active -- 23 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: cots

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS							5	0.2	12	0.5	6	0.3
KITS NONRECUR								0.8				
EQUIPMENT							(5)	0.5	(12)	1.2	(6)	0.8
EQUIP NONREC								0.4				
CHANGE ORDERS										0.1		
DATA								0.3				
SIM/TRAINER										0.2		
SUPPORT-EQUIP										0.1		
INSTALLATION OF HARDWARE												
FY-99 5 KITS									(12)	0.9	(11)	0.7
FY-00 12 KITS												
FY-01 6 KITS												
TOTAL INSTALL QTY/COST										12	0.9	11 0.7
TOTAL COST (BP-1100)							5	2.2	12	3.0	6	1.8

(TOTALS MAY NOT ADD DUE TO ROUNDING.)

METHOD OF IMPLEMENTATION: INSTALLATION -- CLS

INITIAL LEAD TIME -- 3 MONTHS

FOLLOW-ON LEAD TIME -- 1 MONTHS

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FACT SHEET: C-9 MN-EGPWS ENHANCED GROUND PROXIMITY WARNING SYSTEM (CONTINUED)
 PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)								
PROCUREMENT (3010)								
INSTALL KITS							23	1.0
KITS NONRECUR								0.8
EQUIPMENT								2.5
EQUIP NONREC								0.4
CHANGE ORDERS								0.2
DATA								0.3
SIM/TRAINER								0.2
SUPPORT-EQUIP								0.1
INSTALLATION OF HARDWARE								
FY-99 5 KITS							(23)	1.6
FY-00 12 KITS								
FY-01 6 KITS								
TOTAL INSTALL QTY/COST							23	1.6
TOTAL COST (BP-1100)							23	7.0
(TOTALS MAY NOT ADD DUE TO ROUNDING.)								

MILESTONES

	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02
CONTRACT-DATE (QTR/FY)			2/99	1/00	1/01	
DELIVERY-DATE (QTR/FY)			3/99	1/00	1/01	
INSTALLATION SCHEDULE:	FY-97		FY-98		FY-99	
QUARTERS	1 2 3 4		1 2 3 4		1 2 3 4	
INPUT	1 2 3 4		1 2 3 4		1 2 3 4	
OUTPUT					1 4 3 3	1 2 3 4
INSTALLATION SCHEDULE:	FY-02					
QUARTERS	1 2 3 4					
INPUT						
OUTPUT	3					

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DATE 01/26/98

MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB

MODIFICATION TITLE AND NO: RVSM FLEET MN_X2SSO

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC C-9 CLASS P

MODELS OF AIRCRAFT AFFECTED: C-9A/C

CENTER: OC-ALC

PE 0401314F TEAM MOBIL

DESCRIPTION/JUSTIFICATION: Upgrade aircraft equipment to comply with Reduced Vertical Separation Minimum Requirements (RVSM) in MNPS and future ICAO airspace. This modification will enable the C-9 to operate on oceanic routes and future MNPS specified airspace. Without this modification, the C-9 will be prevented from flying across the North Atlantic and Pacific routings, and future airspace over European and CONUS landmasses.

AIRCRAFT BREAKDOWN: Active -- 23 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: COTS

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01		
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	
RDT&E (3600)													
PROCUREMENT (3010)													
INSTALL KITS							5	0.6	7	1.0	11	1.5	
KITS NONRECUR								0.9					
EQUIPMENT							(5)	1.0	(7)	1.5	(11)	2.3	
EQUIP NONREC								1.0					
CHANGE ORDERS													
DATA												0.1	
SIM/TRAINER													
SUPPORT-EQUIP													
MISC								0.1		0.1			
INSTALLATION OF HARDWARE													
FY-99 5 KITS							(4)	0.4					
FY-00 7 KITS									(8)	1.0			
FY-01 11 KITS											(11)	1.3	
TOTAL INSTALL QTY/COST								4	0.4	8	1.0	11	1.3
TOTAL COST (BP-1100)								5	3.9	7	3.5	11	5.2
(TOTALS MAY NOT ADD DUE TO ROUNDING.)													
METHOD OF IMPLEMENTATION: INSTALLATION -- CLS													
INITIAL LEAD TIME -- 3 MONTHS						FOLLOW-ON LEAD TIME -- 3 MONTHS							

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FACT SHEET: C-9 MN-X2SSO RVSM FLEET
 PROJECTED FINANCIAL PLAN (CONTINUED)

(CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)								
PROCUREMENT (3010)								
INSTALL KITS							23	3.1
KITS NONRECUR								0.9
EQUIPMENT								4.7
EQUIP NONREC								1.0
CHANGE ORDERS								
DATA								0.1
SIM/TRAINER								
SUPPORT-EQUIP								
MISC								0.2
INSTALLATION OF HARDWARE								
FY-99 5 KITS							(4)	0.4
FY-00 7 KITS							(8)	1.0
FY-01 11 KITS							(11)	1.3
TOTAL INSTALL QTY/COST							23	2.7
TOTAL COST (BP-1100)							23	12.6
(TOTALS MAY NOT ADD DUE TO ROUNDING.)								
MILESTONES								
	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02		
CONTRACT-DATE (QTR/FY)			2/99	1/00	1/01			
DELIVERY-DATE (QTR/FY)			3/99	2/00	2/01			
INSTALLATION SCHEDULE:	FY-97	FY-98	FY-99	FY-00	FY-01			
QUARTERS	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4			
INPUT				2 2	2 2	2 2	3 3	3 2
OUTPUT				1 2	2 2	2 2	2 3	3 3
INSTALLATION SCHEDULE:	FY-02							
QUARTERS	1 2 3 4							
INPUT								
OUTPUT	1							

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)							DATE FEBRUARY 1998	
APPROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT AF/AIRCRAFT MODIFICATIONS				P-1 ITEM NOMENCLATURE: C-17A				
	1997	1998	1999	2000	2001	2002	2003	
COST (In Mil)	\$51.834	\$57.731	\$45.704	\$82.516	\$106.892	\$119.302	\$133.747	

This line item funds modifications to the C-17 aircraft. The four engine C-17 is the only aircraft capable of routine delivery of outsize cargo (tanks, helicopters, etc.) to short, austere airfields. The aircraft can carry up to 102 troops, 36 litter patients, or 18 standard 463-L pallets. The overall goal of the modifications budgeted in FY99 is to improve reliability and maintainability and to correct follow-on operational test & evaluation deficiencies. The specific modifications budgeted and programmed are below.

CLASS	MOD NR	MODIFICATION TITLE	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	COST TO GO	TOTAL PROG.
P-S	99999A	LOW COST SAFETY MODIFICATIONS								6.0	6.0
		CLASS P-S TOTAL FOR C-17								6.0	
P	6002	STATION KEEPING EQUIPMENT(SKE)	5.8	3.8							9.6
	6005	TROOP DOOR AFT FAIRING	0.3	1.6	0.6						2.5
	6006	SIDEWALL OXYGEN BOX RELOCATION		8.5	8.3	1.3					18.1
	6007	UTILITY LIGHT LOADMASTER STATI	0.2	0.2							0.4
	6008	AEROMED LITTER STANCHION REDES		5.4	5.1	1.2					11.7
	6009	GROUND PROXIMITY WARNING SYSTE	0.1								0.1
	6010	TRANSPONDER TEST UNIT (TTU) DE	0.1								0.1
	6012A	ACCELERATED AIRLIFT DEFENSIVE	2.5								37.2
	6015	CONTAINER DELIVERY SYSTEM ENHA	0.2	6.0	0.6						6.7
	6026	400 POUND PARATROOPER SEAT	0.8	5.7	2.8	1.4	0.9	0.9	8.9	2.0	23.4
	6042	SURE-COMM	2.0		0.3						2.3
	6049	LIFE RAFT CONTAINER/SURVIVAL K	0.4								0.4
	6053	MISSION COMPUTER	11.7	0.2	3.6						15.5
	6153	PRECISION LANDING SYSTEM RECEI	15.4	1.7							17.1
	6200	AIRCRAFT LIFETIME EXTENSION UP				11.3	27.4	24.7			63.3
	6201	GPS INTEGRITY MONITORING CAPAB		0.4	10.8	12.2	1.9				25.3
	6202	OPERATIONAL FLEXIBILITY UPGRAD							0.6	246.8	247.3
	6203	AIRDROP CAPABILITY ENHANCEMENT					0.1	7.1	6.5	34.3	48.0
	6204	CARGO COMPARTMENT UPGRADES						0.1	3.2	144.8	148.1
	6205	MAINTAINABILITY IMPROVEMENTS				0.1	1.0	3.0	1.2	241.7	247.0
	6206	AVIONICS BLOCK UPGRADE					19.3	5.3	0.7	20.4	45.7
	6207	COCKPIT UTILIZATION UPGRADES								35.0	35.0
	6208	CARGO COMPARTMENT SYSTEM IMPRO							0.7	189.5	190.2
	9702	8.33 KHZ VFH RADIO	6.6	19.1							25.7
	9703	DUAL ROW AIRDROP CAPABILITY		0.1	2.2	3.2					5.5
	9704	COMMAND CONTROL MODULE		3.3							3.3

Totals may not add due to rounding.

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)							DATE FEBRUARY 1998	
APPROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT AF/AIRCRAFT MODIFICATIONS				P-1 ITEM NOMENCLATURE: C-17A				
	1997	1998	1999	2000	2001	2002	2003	
COST (In Mil)	\$51.834	\$57.731	\$45.704	\$82.516	\$106.892	\$119.302	\$133.747	

CLASS	MOD NR	MODIFICATION TITLE	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	COST TO GO	TOTAL PROG.
P	9705	ELECTRONIC FLIGHT CONTROL SYST		0.5	6.4	6.3	0.5				13.8
	9706	SOFTWARE BLOCK UPDATE				1.0	4.4	5.0	4.7	14.9	30.0
	9707	RM&A MODS				0.1	1.3	7.0	7.3	44.7	60.4
	9708	OPEN ARCHITECTURE				22.8	36.6	13.8			73.2
	Z88888	REPROGRAMMINGS	5.8	1.2							6.9
	_1Y49L	REACTIVE WINDSHEAR						0.5	0.6		1.1
	_QFP61	FY98 RM&A MODS			0.1	3.4	1.1				4.6
	_QW1BF	GATM REQUIREMENTS					4.4	34.5	79.1	101.2	219.2
	_WAOJ4	SOFTWARE BLOCK 10 UPGRADE			1.5	3.9	0.7				6.1
	_WOLUW	COMBUSTION EXIT TEMPERATURE K			1.8	10.1	2.0	16.3	19.8	50.0	100.0
	_Y5RLB	FUTURE OUT OF CYCLE MISSION CO					0.3	0.4	0.4	2.2	3.3
	_ZPT8R	CABIN PRESSURIZATION/EGRESS				1.6	4.3	5.0	0.8		11.7
	CLASS P	TOTAL FOR C-17	51.8	57.7	45.7	82.5	106.9	119.3	133.7	1,127.4	
	TOTAL FOR C-17		51.8	57.7	45.7	82.5	106.9	119.3	133.7	1,133.4	

Totals may not add due to rounding.

	P-1 SHOPP LIST ITEM NO. 037	PAGE NO.	
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MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE

MODIFICATION TITLE AND NO: STATION KEEPING EQUIPMENT(SKE)-2000 MN-6002

CLC C-17 CLASS P

MODELS OF AIRCRAFT AFFECTED: C-17

CENTER: ASC

PE 0401130F TEAM MOBIL

DESCRIPTION/JUSTIFICATION: The Station Keeping Equipment (SKE)-2000 uses advanced technology, weighs 64 lbs. less than the system being replaced, and achieves substantial life cycle cost savings. The SKE system provides positioning information and is used in conjunction with other SKE to permit each formation aircraft to stay in a preassigned position relative to lead aircraft.

AIRCRAFT BREAKDOWN: Active -- 32 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: None. No RDT&E required.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS												
KITS NONRECUR												
EQUIPMENT			32	5.8								
EQUIP NONREC												
CHANGE ORDERS												
DATA												
SIM/TRAINER												
SUPPORT-EQUIP												
INSTALLATION OF HARDWARE												
FY-97 32 KITS					(32)	3.8						
TOTAL INSTALL QTY/COST					32	3.8						
TOTAL COST (BP-1100)			32	5.8		3.8						

(TOTALS MAY NOT ADD DUE TO ROUNDING.)

METHOD OF IMPLEMENTATION: INSTALLATION -- CONTRACT FIELD TEAM

INITIAL LEAD TIME -- 6 MONTHS

FOLLOW-ON LEAD TIME -- 0 MONTHS

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FACT SHEET: C-17 MN-6002 STATION KEEPING EQUIPMENT(SKE)-2000 (CONTINUED)
 PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)								
PROCUREMENT (3010)								
INSTALL KITS								
KITS NONRECUR								
EQUIPMENT							32	5.8
EQUIP NONREC								
CHANGE ORDERS								
DATA								
SIM/TRAINER								
SUPPORT-EQUIP								
INSTALLATION OF HARDWARE								
FY-97 32 KITS							(32)	3.8
TOTAL INSTALL QTY/COST							32	3.8
TOTAL COST (BP-1100)							32	9.6
(TOTALS MAY NOT ADD DUE TO ROUNDING.)								
MILESTONES								
		FY-97	FY-98					
		-----	-----					
CONTRACT-DATE (QTR/FY)		3/97						
DELIVERY-DATE (QTR/FY)		1/98						
INSTALLATION SCHEDULE:		FY-97		FY-98				
QUARTERS	1	2	3	4	1	2	3	4
INPUT						10	11	11
OUTPUT						10	11	11

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DATE 01/26/98

MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB

MODIFICATION TITLE AND NO: SIDEWALL OXYGEN BOX RELOCATION MN-6006

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC C-17 CLASS P

MODELS OF AIRCRAFT AFFECTED: C-17

CENTER: ASC

PE 0401130F TEAM MOBIL

DESCRIPTION/JUSTIFICATION: Relocate sidewall oxygen box to a reachable level, improving access to passenger oxygen masks when deployed. Mod will also reduce liner removal time. This mod now incorporates O2 Straps (MN-6001) based on the retrofit contractor proposal.

AIRCRAFT BREAKDOWN: Active -- 32 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: None. No RDT&E required.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS												
KITS NONRECUR												
EQUIPMENT					18	8.5	14	6.6				
EQUIP NONREC												
CHANGE ORDERS												
DATA												
SIM/TRAINER												
SUPPORT-EQUIP												
INSTALLATION OF HARDWARE												
FY-98 18 KITS							(18)	1.7				
FY-99 14 KITS									(14)	1.3		
TOTAL INSTALL QTY/COST							18	1.7	14	1.3		
TOTAL COST (BP-1100)					18	8.5	14	8.3		1.3		

(TOTALS MAY NOT ADD DUE TO ROUNDING.)

METHOD OF IMPLEMENTATION: INSTALLATION -- CONTRACT FIELD TEAM

INITIAL LEAD TIME -- 6 MONTHS

FOLLOW-ON LEAD TIME -- 4 MONTHS

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FACT SHEET: C-17 MN-6006 SIDEWALL OXYGEN BOX RELOCATION (CONTINUED)
 PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)								
PROCUREMENT (3010)								
INSTALL KITS								
KITS NONRECUR								
EQUIPMENT							32	15.0
EQUIP NONREC								
CHANGE ORDERS								
DATA								
SIM/TRAINER								
SUPPORT-EQUIP								
INSTALLATION OF HARDWARE								
FY-98 18 KITS							(18)	1.7
FY-99 14 KITS							(14)	1.3
TOTAL INSTALL QTY/COST							32	3.0
TOTAL COST (BP-1100)							32	18.1
(TOTALS MAY NOT ADD DUE TO ROUNDING.)								
MILESTONES								
	FY-97	FY-98	FY-99	FY-00				
CONTRACT-DATE (QTR/FY)		2/98	2/99					
DELIVERY-DATE (QTR/FY)		4/98	3/99					
INSTALLATION SCHEDULE:	FY-97		FY-98		FY-99		FY-00	
QUARTERS	1 2 3 4		1 2 3 4		1 2 3 4		1 2 3 4	
INPUT					8 5 5 5		2 5 2	
OUTPUT					8 5 5 5		2 5 2	

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MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE

MODIFICATION TITLE AND NO: AEROMED LITTER STANCHION REDESIGN MN-6008

CLC C-17 CLASS P

MODELS OF AIRCRAFT AFFECTED: C-17

CENTER: ASC

PE 0401130F TEAM MOBIL

DESCRIPTION/JUSTIFICATION: This enhancement project will increase the C-17 Aeromedical litter stanchion height and revise related support structure to accommodate a 21" vertical separation between litter patients in a three tier configuration.

AIRCRAFT BREAKDOWN: Active -- 40 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: Design complete.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS												
KITS NONRECUR												
EQUIPMENT					26	5.4	14	2.9				
EQUIP NONREC												
CHANGE ORDERS												
DATA												
SIM/TRAINER												
SUPPORT-EQUIP												
INSTALLATION OF HARDWARE												
FY-98 26 KITS							(26)	2.2				
FY-99 14 KITS									(14)	1.2		
TOTAL INSTALL QTY/COST							26	2.2	14	1.2		
TOTAL COST (BP-1100)					26	5.4	14	5.1		1.2		
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION -- CONTRACT FIELD TEAM												
INITIAL LEAD TIME -- 12 MONTHS					FOLLOW-ON LEAD TIME -- 12 MONTHS							

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FACT SHEET: C-17 MN-6008 AEROMED LITTER STANCHION REDESIGN (CONTINUED)
 PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)								
PROCUREMENT (3010)								
INSTALL KITS								
KITS NONRECUR								
EQUIPMENT							40	8.3
EQUIP NONREC								
CHANGE ORDERS								
DATA								
SIM/TRAINER								
SUPPORT-EQUIP								
INSTALLATION OF HARDWARE								
FY-98 26 KITS							(26)	2.2
FY-99 14 KITS							(14)	1.2
TOTAL INSTALL QTY/COST							40	3.4
TOTAL COST (BP-1100)							40	11.7
(TOTALS MAY NOT ADD DUE TO ROUNDING.)								
MILESTONES								
	FY-97	FY-98	FY-99	FY-00				
CONTRACT-DATE (QTR/FY)	3/98	3/98	1/99					
DELIVERY-DATE (QTR/FY)	2/99	2/99	1/00					
INSTALLATION SCHEDULE:	FY-97		FY-98		FY-99		FY-00	
QUARTERS	1 2 3 4		1 2 3 4		1 2 3 4		1 2 3 4	
INPUT					8 9 9		4 4 3 3	
OUTPUT					8 9 9		4 4 3 3	

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MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE

MODIFICATION TITLE AND NO: ACCELERATED AIRLIFT DEFENSIVE SYSTEM MN-6012A

CLC C-17 CLASS P

MODELS OF AIRCRAFT AFFECTED: C-17A

CENTER: ASC

PE 0401130F TEAM MOBIL

DESCRIPTION/JUSTIFICATION: Accelerated enhancement to the C-17 operational capability to operate in a low/medium threat environment. Equips the C-17 with a Missile Warning Receiver (MWR) and Counter Measure Dispenser System (CMDS). Mod is now complete.

AIRCRAFT BREAKDOWN: Active -- 30 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: Complete.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS	30	9.1										
KITS NONRECUR EQUIPMENT	(30)	5.7										
EQUIP NONREC CHANGE ORDERS		3.6										
DATA												
SIM/TRAINER SUPPORT-EQUIP												
INSTALLATION OF HARDWARE												
FY-94 6 KITS	(6)	3.9										
FY-95 4 KITS	(4)	2.4										
FY-96 20 KITS	(16)	10.0	(4)	2.5								
TOTAL INSTALL QTY/COST	26	16.3	4	2.5								
TOTAL COST (BP-1100)	30	34.7		2.5								

(TOTALS MAY NOT ADD DUE TO ROUNDING.)

METHOD OF IMPLEMENTATION: INSTALLATION -- CONTRACT FIELD TEAM

INITIAL LEAD TIME -- 6 MONTHS

FOLLOW-ON LEAD TIME -- 3 MONTHS

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FACT SHEET: C-17 MN-6012A ACCELERATED AIRLIFT DEFENSIVE SYSTEM (CONTINUED)
 PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)								
PROCUREMENT (3010)								
INSTALL KITS							30	9.1
KITS NONRECUR								
EQUIPMENT								5.7
EQUIP NONREC								
CHANGE ORDERS								
DATA								3.6
SIM/TRAINER								
SUPPORT-EQUIP								
INSTALLATION OF HARDWARE								
FY-94 6 KITS							(6)	3.9
FY-95 4 KITS							(4)	2.4
FY-96 20 KITS							(20)	12.5
TOTAL INSTALL QTY/COST							30	18.7
TOTAL COST (BP-1100)							30	37.2
(TOTALS MAY NOT ADD DUE TO ROUNDING.)								

MILESTONES

	FY-94	FY-95	FY-96	FY-97
CONTRACT-DATE (QTR/FY)	2/94	3/95	2/96	
DELIVERY-DATE (QTR/FY)	4/94	4/95	2/96	

INSTALLATION SCHEDULE:	FY-94				FY-95				FY-96				FY-97			
QUARTERS	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
INPUT				6				4				6				2
OUTPUT				6				4				6				2

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MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE

MODIFICATION TITLE AND NO: CONTAINER DELIVERY SYSTEM ENHANCEMENT (ECVR) MN-6015

CLC C-17 CLASS P

MODELS OF AIRCRAFT AFFECTED: C-17

CENTER: ASC

PE 0401130F TEAM MOBIL

DESCRIPTION/JUSTIFICATION: Increases container delivery capacity from 30 to 40 containers per aircraft. aka Enhanced Container Vertical Restraint (ECVR)

AIRCRAFT BREAKDOWN: Active -- 40 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: No RDT&E required.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS												
KITS NONRECUR												
EQUIPMENT			1	0.2	39	6.0						
EQUIP NONREC												
CHANGE ORDERS												
DATA												
SIM/TRAINER												
SUPPORT-EQUIP												
INSTALLATION OF HARDWARE												
FY-97 1 KITS					(1)							
FY-98 39 KITS							(39)	0.6				
TOTAL INSTALL QTY/COST					1		39	0.6				
TOTAL COST (BP-1100)			1	0.2	39	6.0		0.6				
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION -- CONTRACT FIELD TEAM												
INITIAL LEAD TIME -- 18 MONTHS						FOLLOW-ON LEAD TIME -- 12 MONTHS						

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FACT SHEET: C-17 MN-6015 CONTAINER DELIVERY SYSTEM ENHANCEMENT (ECVR) (CONTINUED)
 PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)								
PROCUREMENT (3010)								
INSTALL KITS								
KITS NONRECUR								
EQUIPMENT							40	6.1
EQUIP NONREC								
CHANGE ORDERS								
DATA								
SIM/TRAINER								
SUPPORT-EQUIP								
INSTALLATION OF HARDWARE								
FY-97 1 KITS							(1)	0.0
FY-98 39 KITS							(39)	0.6
TOTAL INSTALL QTY/COST							40	0.6
TOTAL COST (BP-1100)							40	6.7
(TOTALS MAY NOT ADD DUE TO ROUNDING.)								
MILESTONES								
	FY-97	FY-98	FY-99					
CONTRACT-DATE (QTR/FY)	2/97	2/98						
DELIVERY-DATE (QTR/FY)	4/98	2/99						
INSTALLATION SCHEDULE:	FY-97			FY-98			FY-99	
QUARTERS	1 2 3 4			1 2 3 4			1 2 3 4	
INPUT							13 13 13	
OUTPUT							13 13 13	

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MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC C-17 CLASS P

MODIFICATION TITLE AND NO: 400 POUND PARATROOPER SEAT MN-6026

MODELS OF AIRCRAFT AFFECTED: C-17

CENTER: ASC

PE 0401130F TEAM MOBIL

DESCRIPTION/JUSTIFICATION: Procures and installs one set (102 fabric-type) paratrooper seats on each aircraft. These seats support user (Army) requirements, provide safety and support to the occupant and meet the revised C-17 troop seat specifications. Supplier capacity (total of 16 shipsets for production and retrofit) dictates schedule.

AIRCRAFT BREAKDOWN: Active -- 26 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: RDT&E complete.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS												
KITS NONRECUR												
EQUIPMENT			1	0.8	7	5.6	3	2.4	1	0.8	1	0.8
EQUIP NONREC												
CHANGE ORDERS												
DATA												
SIM/TRAINER												
SUPPORT-EQUIP												
INSTALLATION OF HARDWARE												
FY-97 1 KITS					(1)	0.1						
FY-98 7 KITS							(4)	0.4	(3)	0.3		
FY-99 3 KITS									(3)	0.3		
FY-00 1 KITS											(1)	0.1
FY-01 1 KITS												
FY-02 1 KITS												
FY-03 11 KITS												
FY-04 1 KITS												
TOTAL INSTALL QTY/COST					1	0.1	4	0.4	6	0.6	1	0.1
TOTAL COST (BP-1100)			1	0.8	7	5.7	3	2.8	1	1.4	1	0.9
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION -- CONTRACT FIELD TEAM												
INITIAL LEAD TIME -- 12 MONTHS						FOLLOW-ON LEAD TIME -- 12 MONTHS						

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FACT SHEET: C-17 MN-6026 400 POUND PARATROOPER SEAT (CONTINUED)
 PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)								
PROCUREMENT (3010)								
INSTALL KITS								
KITS NONRECUR								
EQUIPMENT	1	0.8	11	8.8	1	0.8	26	20.8
EQUIP NONREC								
CHANGE ORDERS								
DATA								
SIM/TRAINER								
SUPPORT-EQUIP								
INSTALLATION OF HARDWARE								
FY-97 1 KITS							(1)	0.1
FY-98 7 KITS							(7)	0.7
FY-99 3 KITS							(3)	0.3
FY-00 1 KITS							(1)	0.1
FY-01 1 KITS (1)		0.1					(1)	0.1
FY-02 1 KITS (1)				0.1			(1)	0.1
FY-03 11 KITS (6)						0.6	(6)	0.6
FY-04 1 KITS (6)						0.6	(6)	0.6
TOTAL INSTALL QTY/COST	1	0.1	1	0.1	12	1.2	26	2.6
TOTAL COST (BP-1100)	1	0.9	11	8.9	1	2.0	26	23.4

(TOTALS MAY NOT ADD DUE TO ROUNDING.)

MILESTONES

	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	FY-04	FY-05
CONTRACT-DATE (QTR/FY)	4/97	2/98	2/99	2/00	2/01	2/02	2/03	2/04	
DELIVERY-DATE (QTR/FY)	4/98	2/99	1/00	1/01	1/02	1/03	1/04	1/05	
INSTALLATION SCHEDULE:	FY-97		FY-98		FY-99		FY-00		FY-01
QUARTERS	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4
INPUT					1 1 1 2	3 1 2	3 1 2		1
OUTPUT					1 1 1 2	2 2 2	2 2 2		1
INSTALLATION SCHEDULE:	FY-02		FY-03		FY-04		FY-05		
QUARTERS	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4		
INPUT	1		1		2 2 2	2 2 2	2 2 2		
OUTPUT	1		1		2 2 2	2 2 2	2 2 2		

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MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB
MODIFICATION TITLE AND NO: SURE-COMM MN-6042

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC C-17 CLASS P

MODELS OF AIRCRAFT AFFECTED: C-17

CENTER: ASC

PE 0401130F TEAM MOBIL

DESCRIPTION/JUSTIFICATION: This modification replaces the present C-17 wireless Communication Control System with a commercial Sure-Comm
Wireless Communication System with appropriate additional hardware to interface with the C-17.
AIRCRAFT BREAKDOWN: Active -- 40 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: None. No RDT&E required.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS												
KITS NONRECUR												
EQUIPMENT			40	2.0								
EQUIP NONREC												
CHANGE ORDERS												
DATA												
SIM/TRAINER												
SUPPORT-EQUIP												
INSTALLATION OF HARDWARE												
FY-97 40 KITS					(1)		(39)	0.3				
TOTAL INSTALL QTY/COST					1		39	0.3				
TOTAL COST (BP-1100)			40	2.0				0.3				
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION -- CONTRACT FIELD TEAM												
INITIAL LEAD TIME -- 18 MONTHS						FOLLOW-ON LEAD TIME -- 18 MONTHS						

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FACT SHEET: C-17 MN-6042 SURE-COMM
 PROJECTED FINANCIAL PLAN (CONTINUED)

(CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)								
PROCUREMENT (3010)								
INSTALL KITS								
KITS NONRECUR								
EQUIPMENT							40	2.0
EQUIP NONREC								
CHANGE ORDERS								
DATA								
SIM/TRAINER								
SUPPORT-EQUIP								
INSTALLATION OF HARDWARE								
FY-97 40 KITS							(40)	0.3
TOTAL INSTALL QTY/COST							40	0.3
TOTAL COST (BP-1100)							40	2.3
(TOTALS MAY NOT ADD DUE TO ROUNDING.)								
MILESTONES								
	FY-97	FY-98	FY-99					
CONTRACT-DATE (QTR/FY)	2/97							
DELIVERY-DATE (QTR/FY)	4/98							
INSTALLATION SCHEDULE:	FY-97			FY-98			FY-99	
QUARTERS	1 2 3 4			1 2 3 4			1 2 3 4	
INPUT							1 9 10 10 10	
OUTPUT							1 9 10 10 10	

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MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE

MODIFICATION TITLE AND NO: MISSION COMPUTER MN-6053

CLC C-17 CLASS P

MODELS OF AIRCRAFT AFFECTED: C-17

CENTER: ASC

PE 0401130F TEAM MOBIL

DESCRIPTION/JUSTIFICATION: The mission computer upgrade is a producibility enhancement which corrects operational deficiencies in the current design and provides a long term solution for future growth requirements. aka Core Integrated Processor (CIP).

AIRCRAFT BREAKDOWN: Active -- 40 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: None. No RDT&E required.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS												
KITS NONRECUR												
EQUIPMENT			40	11.7								
EQUIP NONREC												
CHANGE ORDERS												
DATA												
SIM/TRAINER												
SUPPORT-EQUIP												
INSTALLATION OF HARDWARE												
FY-97 40 KITS					(1)	0.2	(39)	3.6				
TOTAL INSTALL QTY/COST					1	0.2	39	3.6				
TOTAL COST (BP-1100)			40	11.7		0.2		3.6				

(TOTALS MAY NOT ADD DUE TO ROUNDING.)

METHOD OF IMPLEMENTATION: INSTALLATION -- CONTRACT FIELD TEAM

INITIAL LEAD TIME -- 20 MONTHS

FOLLOW-ON LEAD TIME -- 0 MONTHS

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FACT SHEET: C-17 MN-6053 MISSION COMPUTER
 PROJECTED FINANCIAL PLAN (CONTINUED)

(CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)								
PROCUREMENT (3010)								
INSTALL KITS								
KITS NONRECUR								
EQUIPMENT							40	11.7
EQUIP NONREC								
CHANGE ORDERS								
DATA								
SIM/TRAINER								
SUPPORT-EQUIP								
INSTALLATION OF HARDWARE								
FY-97 40 KITS							(40)	3.8
TOTAL INSTALL QTY/COST							40	3.8
TOTAL COST (BP-1100)							40	15.5
(TOTALS MAY NOT ADD DUE TO ROUNDING.)								
MILESTONES								
	FY-97	FY-98	FY-99					
CONTRACT-DATE (QTR/FY)	2/97							
DELIVERY-DATE (QTR/FY)	4/98							
INSTALLATION SCHEDULE:	FY-97	FY-98			FY-99			
QUARTERS	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4
INPUT					1 9 10 10 10			
OUTPUT					1 9 10 10 10			

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DATE 01/26/98

MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE

MODIFICATION TITLE AND NO: PRECISION LANDING SYSTEM RECEIVER (PLSR) MN-6153

CLC C-17 CLASS P

MODELS OF AIRCRAFT AFFECTED: C-17

CENTER: ASC

PE 0401130F TEAM MOBIL

DESCRIPTION/JUSTIFICATION: Provides the capability to fly precision approaches to austere fields during contingency operations. aka Air Mobility Contingency/Precision Approach Capability (AMC/PAC). Delays in Operational Testing has slipped install into 2/98.

AIRCRAFT BREAKDOWN: Active -- 39 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: R&D complete 3/97. Integrates existing hardware into C-17 avionics suite.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS												
KITS NONRECUR												
EQUIPMENT			39	5.6								
EQUIP NONREC												
CHANGE ORDERS												
DATA												
SIM/TRAINER												
SUPPORT-EQUIP												
INSTALLATION OF HARDWARE												
FY-97 39 KITS			(35)	9.8	(4)	1.7						
TOTAL INSTALL QTY/COST			35	9.8	4	1.7						
TOTAL COST (BP-1100)			39	15.4		1.7						
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION -- CONTRACT FIELD TEAM												
INITIAL LEAD TIME -- 4 MONTHS						FOLLOW-ON LEAD TIME -- 0 MONTHS						

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FACT SHEET: C-17 MN-6153 PRECISION LANDING SYSTEM RECEIVER (PLSR) (CONTINUED)
 PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)								
PROCUREMENT (3010)								
INSTALL KITS								
KITS NONRECUR								
EQUIPMENT							39	5.6
EQUIP NONREC								
CHANGE ORDERS								
DATA								
SIM/TRAINER								
SUPPORT-EQUIP								
INSTALLATION OF HARDWARE								
FY-97 39 KITS							(39)	11.5
TOTAL INSTALL QTY/COST							39	11.5
TOTAL COST (BP-1100)							39	17.1
(TOTALS MAY NOT ADD DUE TO ROUNDING.)								
MILESTONES								
		FY-97	FY-98					
		-----	-----					
CONTRACT-DATE (QTR/FY)		4/97						
DELIVERY-DATE (QTR/FY)		2/98						
INSTALLATION SCHEDULE:		FY-97		FY-98				
QUARTERS	1	2	3	4	1	2	3	4
INPUT						35	4	
OUTPUT						35	4	

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DATE 01/26/98

MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE

MODIFICATION TITLE AND NO: GPS INTEGRITY MONITORING CAPABILITY IMPROVEMENTS MN-6201

CLC C-17 CLASS P

MODELS OF AIRCRAFT AFFECTED:

CENTER: ASC

PE 0401130F TEAM MOBIL

DESCRIPTION/JUSTIFICATION: This modification will replace the current Inertial Reference Unit (IRU) with an upgraded Replacement IRU and the current GPS receiver with a GPS receiver embedded in the new Replacement IRU. The new GPS will be capable of Receiver Autonomous Integrity Monitoring (RAIM) and Fault Detection and Exclusion (FDE), which reduce the possibility of incorrect GPS solutions being used in navigation.

AIRCRAFT BREAKDOWN: Active -- 48 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: Development complete FY98/1.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS												
KITS NONRECUR												
EQUIPMENT					1	0.4	24	10.7	23	10.3		
EQUIP NONREC												
CHANGE ORDERS												
DATA												
SIM/TRAINER												
SUPPORT-EQUIP												
INSTALLATION OF HARDWARE												
FY-98 1 KITS							(1)	0.1				
FY-99 24 KITS									(24)	2.0		
FY-00 23 KITS											(23)	1.9
TOTAL INSTALL QTY/COST							1	0.1	24	2.0	23	1.9
TOTAL COST (BP-1100)					1	0.4	24	10.8	23	12.2		1.9
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT												
INITIAL LEAD TIME -- 18 MONTHS					FOLLOW-ON LEAD TIME -- 12 MONTHS							

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FACT SHEET: C-17 MN-6201 GPS INTEGRITY MONITORING CAPABILITY IMPROVEMENTS (CONTINUED)
 PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL									
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT								
RDT&E (3600)																
PROCUREMENT (3010)																
INSTALL KITS																
KITS NONRECUR																
EQUIPMENT							48	21.4								
EQUIP NONREC																
CHANGE ORDERS																
DATA																
SIM/TRAINER																
SUPPORT-EQUIP																
INSTALLATION OF HARDWARE																
FY-98 1 KITS							(1)	0.1								
FY-99 24 KITS							(24)	2.0								
FY-00 23 KITS							(23)	1.9								
TOTAL INSTALL QTY/COST							48	3.9								
TOTAL COST (BP-1100)							48	25.3								
(TOTALS MAY NOT ADD DUE TO ROUNDING.)																
MILESTONES																
	FY-97	FY-98	FY-99	FY-00	FY-01											
CONTRACT-DATE (QTR/FY)		2/98	2/99	1/00												
DELIVERY-DATE (QTR/FY)		4/99	2/00	1/01												
INSTALLATION SCHEDULE:	FY-97	FY-98			FY-99				FY-00				FY-01			
QUARTERS	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
INPUT								1					12	12	12	11
OUTPUT								1					12	12	12	11

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DATE 01/26/98

MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB

MODIFICATION TITLE AND NO: 8.33 KHZ VFH RADIO MN-9702

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC C-17 CLASS P

MODELS OF AIRCRAFT AFFECTED: C-17

CENTER: ASC

PE 0401130F TEAM MOBIL

DESCRIPTION/JUSTIFICATION: The purpose of the modification is to add 8.33 kHz channel spacing for VHF frequencies mandated by European countries by 1 Jan 99, Demand Assigned Multiple Access (DAMA), Single Channel Ground and Airborne Radio System (SINCGARS), MIL-STD-1553 HF Radio and Automatic Communication Processor to implement MIL-STD-188-141A ALE protocol and reduce pilot workload. The A/B SINCGARS mod (MN-3429) has been incorporated into this mod.
AIRCRAFT BREAKDOWN: Active -- 43 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: Development will be complete 2/98.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS												
KITS NONRECUR												
EQUIPMENT			13	6.6	30	15.2						
EQUIP NONREC												
CHANGE ORDERS												
DATA												
SIM/TRAINER												
SUPPORT-EQUIP												
INSTALLATION OF HARDWARE												
FY-97 13 KITS					(13)	1.2						
FY-98 30 KITS					(30)	2.7						
TOTAL INSTALL QTY/COST					43	3.9						
TOTAL COST (BP-1100)			13	6.6	30	19.1						
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION -- CONTRACT FIELD TEAM												
INITIAL LEAD TIME -- 8 MONTHS						FOLLOW-ON LEAD TIME -- 6 MONTHS						

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FACT SHEET: C-17 MN-9702 8.33 KHZ VFH RADIO
 PROJECTED FINANCIAL PLAN (CONTINUED)

(CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)								
PROCUREMENT (3010)								
INSTALL KITS								
KITS NONRECUR								
EQUIPMENT							43	21.8
EQUIP NONREC								
CHANGE ORDERS								
DATA								
SIM/TRAINER								
SUPPORT-EQUIP								
INSTALLATION OF HARDWARE								
FY-97 13 KITS							(13)	1.2
FY-98 30 KITS							(30)	2.7
TOTAL INSTALL QTY/COST							43	3.9
TOTAL COST (BP-1100)							43	25.7
(TOTALS MAY NOT ADD DUE TO ROUNDING.)								
MILESTONES								
		FY-97		FY-98				
		-----		-----				
CONTRACT-DATE (QTR/FY)		4/97		1/98				
DELIVERY-DATE (QTR/FY)		3/98		3/98				
INSTALLATION SCHEDULE:		FY-97		FY-98				
QUARTERS	1	2	3	4	1	2	3	4
INPUT							15	28
OUTPUT							15	28

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DATE 01/26/98

MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE

MODIFICATION TITLE AND NO: DUAL ROW AIRDROP CAPABILITY MN-9703

CLC C-17 CLASS P

MODELS OF AIRCRAFT AFFECTED: C-17

CENTER: ASC

PE 0401130F TEAM MOBIL

DESCRIPTION/JUSTIFICATION: Increases the airdrop capability by allowing cargo to be dropped from two rows sequentially.

AIRCRAFT BREAKDOWN: Active -- 48 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: Hardware design will be complete 1st Qtr FY98

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS												
KITS NONRECUR												
EQUIPMENT					1	0.1	28	2.1	19	1.4		
EQUIP NONREC												
CHANGE ORDERS												
DATA												
SIM/TRAINER												
SUPPORT-EQUIP												
INSTALLATION OF HARDWARE												
FY-98 1 KITS							(1)					
FY-99 28 KITS								(28)	1.1			
FY-00 19 KITS								(19)	0.7			
TOTAL INSTALL QTY/COST							1	47	1.8			
TOTAL COST (BP-1100)					1	0.1	28	2.2	19	3.2		
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION -- CONTRACT FIELD TEAM												
INITIAL LEAD TIME -- 11 MONTHS					FOLLOW-ON LEAD TIME -- 8 MONTHS							

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FACT SHEET: C-17 MN-9703 DUAL ROW AIRDROP CAPABILITY (CONTINUED)
 PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)								
PROCUREMENT (3010)								
INSTALL KITS								
KITS NONRECUR								
EQUIPMENT							48	3.6
EQUIP NONREC								
CHANGE ORDERS								
DATA								
SIM/TRAINER								
SUPPORT-EQUIP								
INSTALLATION OF HARDWARE								
FY-98 1 KITS							(1)	0.0
FY-99 28 KITS							(28)	1.1
FY-00 19 KITS							(19)	0.7
TOTAL INSTALL QTY/COST							48	1.8
TOTAL COST (BP-1100)							48	5.5
(TOTALS MAY NOT ADD DUE TO ROUNDING.)								

MILESTONES

	FY-97	FY-98	FY-99	FY-00
CONTRACT-DATE (QTR/FY)		1/98	1/99	1/00
DELIVERY-DATE (QTR/FY)		1/99	4/99	3/00

INSTALLATION SCHEDULE:

	FY-97				FY-98				FY-99				FY-00			
QUARTERS	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
INPUT									1				12	12	12	11
OUTPUT									1				12	12	12	11

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DATE 01/26/98

MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE

MODIFICATION TITLE AND NO: COMMAND CONTROL MODULE MN-9704

CLC C-17 CLASS P

MODELS OF AIRCRAFT AFFECTED: C-17

CENTER: ASC

PE 0401130F TEAM MOBIL

DESCRIPTION/JUSTIFICATION: OSD top down directed program. Modifies aircraft to accommodate the command control module communications suite.

Prototype unit will equate to first active aircraft installation upon completion of development and flight test.

AIRCRAFT BREAKDOWN: Active -- 4 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: Development is scheduled to be complete Dec 98.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS												
KITS NONRECUR												
EQUIPMENT					3	1.8						
EQUIP NONREC												
CHANGE ORDERS												
DATA												
SIM/TRAINER												
SUPPORT-EQUIP												
INSTALLATION OF HARDWARE												
FY-98 3 KITS					(3)	1.5						
TOTAL INSTALL QTY/COST					3	1.5						
TOTAL COST (BP-1100)					3	3.3						

(TOTALS MAY NOT ADD DUE TO ROUNDING.)

METHOD OF IMPLEMENTATION: INSTALLATION -- CONTRACT FIELD TEAM

INITIAL LEAD TIME -- 5 MONTHS

FOLLOW-ON LEAD TIME -- 0 MONTHS

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FACT SHEET: C-17 MN-9704 COMMAND CONTROL MODULE (CONTINUED)
 PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)								
PROCUREMENT (3010)								
INSTALL KITS								
KITS NONRECUR								
EQUIPMENT							3	1.8
EQUIP NONREC								
CHANGE ORDERS								
DATA								
SIM/TRAINER								
SUPPORT-EQUIP								
INSTALLATION OF HARDWARE								
FY-98 3 KITS							(3)	1.5
TOTAL INSTALL QTY/COST							3	1.5
TOTAL COST (BP-1100)							3	3.3
(TOTALS MAY NOT ADD DUE TO ROUNDING.)								
MILESTONES								
	FY-97	FY-98	FY-99					
	-----	-----	-----					
CONTRACT-DATE (QTR/FY)		2/99						
DELIVERY-DATE (QTR/FY)		3/99						
INSTALLATION SCHEDULE:	FY-97			FY-98			FY-99	
QUARTERS	1 2 3 4			1 2 3 4			1 2 3 4	
INPUT							3	
OUTPUT							3	

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MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB

MODIFICATION TITLE AND NO: ELECTRONIC FLIGHT CONTROL SYSTEM (EFCS) MN-9705

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC C-17 CLASS P

MODELS OF AIRCRAFT AFFECTED: C-17

CENTER: ASC

PE 0401130F TEAM MOBIL

DESCRIPTION/JUSTIFICATION: This mod will provide for greater memory and throughput to allow for future system expansion.

AIRCRAFT BREAKDOWN: Active -- 48 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: Hardware and software design complete 2/98.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS												
KITS NONRECUR												
EQUIPMENT					1	0.2	24	4.1	23	3.9		
EQUIP NONREC												
CHANGE ORDERS												
DATA												
SIM/TRAINER												
SUPPORT-EQUIP												
MOD OF SPARES					(12)	0.4	(75)	2.3	(63)	1.9		
FY86/87 QTY							(12)		(75)	0.1	(63)	0.1
INSTALLATION OF HARDWARE												
FY-98 1 KITS							(1)					
FY-99 24 KITS									(24)	0.4		
FY-00 23 KITS											(23)	0.4
TOTAL INSTALL QTY/COST							1		24	0.4	23	0.4
TOTAL COST (BP-1100)					1	0.5	24	6.4	23	6.3		0.5

(TOTALS MAY NOT ADD DUE TO ROUNDING.)

METHOD OF IMPLEMENTATION: INSTALLATION -- CONTRACT FIELD TEAM

INITIAL LEAD TIME -- 12 MONTHS

FOLLOW-ON LEAD TIME -- 6 MONTHS

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FACT SHEET: C-17 MN-9705 ELECTRONIC FLIGHT CONTROL SYSTEM (EFCS) (CONTINUED)
 PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL						
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT					
RDT&E (3600)													
PROCUREMENT (3010)													
INSTALL KITS													
KITS NONRECUR													
EQUIPMENT							48	8.2					
EQUIP NONREC													
CHANGE ORDERS													
DATA													
SIM/TRAINER													
SUPPORT-EQUIP													
MOD OF SPARES								4.5					
FY86/87 QTY								0.2					
INSTALLATION OF HARDWARE													
FY-98 1 KITS							(1)	0.0					
FY-99 24 KITS							(24)	0.4					
FY-00 23 KITS							(23)	0.4					
TOTAL INSTALL QTY/COST							48	0.9					
TOTAL COST (BP-1100)							48	13.8					
(TOTALS MAY NOT ADD DUE TO ROUNDING.)													
MILESTONES													
	FY-97	FY-98	FY-99	FY-00	FY-01								
CONTRACT-DATE (QTR/FY)		2/98	2/99	2/00	2/01								
DELIVERY-DATE (QTR/FY)		2/99	4/99	3/00	3/01								
INSTALLATION SCHEDULE:	FY-97	FY-98			FY-99			FY-00			FY-01		
QUARTERS	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	
INPUT						1	6 6 6 6	6 6 6 6	6 6 6 6	6 6 6 6	6 6 6 6	5	
OUTPUT						1	6 6 6 6	6 6 6 6	6 6 6 6	6 6 6 6	6 6 6 6	5	

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MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE

MODIFICATION TITLE AND NO: COMBUSTION EXIT TEMPERATURE KIT - D01 TO D03 UPGR MN_WOLUW

CLC C-17 CLASS P

MODELS OF AIRCRAFT AFFECTED: C-17

CENTER: ASC

PE 0401130F TEAM MOBIL

DESCRIPTION/JUSTIFICATION: Upgrade of F117 engines from D01 configuration to D03 configuration. Will lead to reduction in engine gas temperature margin reduction, increase time on wing while reducing unexpected shop visit rate.

AIRCRAFT BREAKDOWN: Active -- 100 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: Commercial development is complete, no unique USAF requirement.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS												
KITS NONRECUR												
EQUIPMENT							2	1.8	11	9.9	1	0.9
EQUIP NONREC												
CHANGE ORDERS												
DATA												
SIM/TRAINER												
SUPPORT-EQUIP												
INSTALLATION OF HARDWARE												
FY-99 2 KITS									(2)	0.2		
FY-00 11 KITS											(11)	1.1
FY-01 1 KITS												
FY-02 18 KITS												
FY-03 20 KITS												
FY-04 9 KITS												
FY-05 8 KITS												
FY-06 8 KITS												
FY-07 8 KITS												
TOTAL INSTALL QTY/COST									2	0.2	11	1.1
TOTAL COST (BP-1100)							2	1.8	11	10.1	1	2.0
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION -- CONTRACT FIELD TEAM												
INITIAL LEAD TIME -- 12 MONTHS						FOLLOW-ON LEAD TIME -- 12 MONTHS						

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FACT SHEET: C-17 MN_-WOLUW COMBUSTION EXIT TEMPERATURE KIT - D01 TO D03 UPGR (CONTINUED)
 PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)								
PROCUREMENT (3010)								
INSTALL KITS								
KITS NONRECUR								
EQUIPMENT	18	16.2	20	18.0	33	44.7	85	91.5
EQUIP NONREC								
CHANGE ORDERS								
DATA								
SIM/TRAINER								
SUPPORT-EQUIP								
INSTALLATION OF HARDWARE								
FY-99 2 KITS							(2)	0.2
FY-00 11 KITS							(11)	1.1
FY-01 1 KITS (1)		0.1					(1)	0.1
FY-02 18 KITS			(18)	1.8			(18)	1.8
FY-03 20 KITS					(20)	2.0	(20)	2.0
FY-04 9 KITS					(9)	0.9	(9)	0.9
FY-05 8 KITS					(8)	0.8	(8)	0.8
FY-06 8 KITS					(8)	0.8	(8)	0.8
FY-07 8 KITS					(8)	0.8	(8)	0.8
TOTAL INSTALL QTY/COST	1	0.1	18	1.8	53	5.3	85	8.5
TOTAL COST (BP-1100)	18	16.3	20	19.8	33	50.0	85	100.0

(TOTALS MAY NOT ADD DUE TO ROUNDING.)

MILESTONES

	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	FY-04	FY-05	FY-06	FY-07	FY-08
CONTRACT-DATE (QTR/FY)			1/99	1/00	1/01	1/02	1/03	1/04	1/05	1/06	1/07	1/08
DELIVERY-DATE (QTR/FY)			1/00	1/01	1/02	1/03	1/04	1/05	1/06	1/07	1/08	
INSTALLATION SCHEDULE:	FY-97		FY-98		FY-99		FY-00		FY-01			
QUARTERS	1 2 3 4		1 2 3 4		1 2 3 4		1 2 3 4		1 2 3 4		1 2 3 4	
INPUT							1 1		3 3		3 3	2
OUTPUT							1 1		3 3		3 3	2
INSTALLATION SCHEDULE:	FY-02		FY-03		FY-04		FY-05		FY-06			
QUARTERS	1 2 3 4		1 2 3 4		1 2 3 4		1 2 3 4		1 2 3 4		1 2 3 4	
INPUT	1		5 5 4 4		5 5 5 5		4 4 1		4 4		4 4	
OUTPUT	1		5 5 4 4		5 5 5 5		4 4 1		4 4		4 4	
INSTALLATION SCHEDULE:	FY-07		FY-08									
QUARTERS	1 2 3 4		1 2 3 4									
INPUT	4 4		4 4									
OUTPUT	4 4		4 4									

*** UNCLASSIFIED ***

DATE 01/26/98

MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB

MODIFICATION TITLE AND NO: CABIN PRESSURIZATION/EGRESS MN_ZPT8R

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC C-17 CLASS P

MODELS OF AIRCRAFT AFFECTED: C-17

CENTER: ASC

PE 0401130F TEAM MOBIL

DESCRIPTION/JUSTIFICATION: This modification changes the cabin pressure control system, flight deck gauges/controls, and improves the placards/indicators.

AIRCRAFT BREAKDOWN: Active -- 57 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: Design scheduled to complete by 2/99.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS												
KITS NONRECUR												
EQUIPMENT							1	1.6	47	4.2	9	0.8
EQUIP NONREC												
CHANGE ORDERS												
DATA												
SIM/TRAINER												
SUPPORT-EQUIP												
INSTALLATION OF HARDWARE												
FY-99 1 KITS									(1)	0.1		
FY-00 47 KITS											(47)	4.2
FY-01 9 KITS												
TOTAL INSTALL QTY/COST									1	0.1	47	4.2
TOTAL COST (BP-1100)							1	1.6	47	4.3	9	5.0

(TOTALS MAY NOT ADD DUE TO ROUNDING.)

METHOD OF IMPLEMENTATION: INSTALLATION -- CONTRACT FIELD TEAM

INITIAL LEAD TIME -- 12 MONTHS

FOLLOW-ON LEAD TIME -- 12 MONTHS

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FACT SHEET: C-17 MN-_ZPT8R CABIN PRESSURIZATION/EGRESS (CONTINUED)
 PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)								
PROCUREMENT (3010)								
INSTALL KITS								
KITS NONRECUR								
EQUIPMENT							57	6.6
EQUIP NONREC								
CHANGE ORDERS								
DATA								
SIM/TRAINER								
SUPPORT-EQUIP								
INSTALLATION OF HARDWARE								
FY-99 1 KITS							(1)	0.1
FY-00 47 KITS							(47)	4.2
FY-01 9 KITS (9)		0.8					(9)	0.8
TOTAL INSTALL QTY/COST	9	0.8					57	5.1
TOTAL COST (BP-1100)		0.8					57	11.7

(TOTALS MAY NOT ADD DUE TO ROUNDING.)

MILESTONES

	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02										
CONTRACT-DATE (QTR/FY)			2/99	1/00	1/01											
DELIVERY-DATE (QTR/FY)			2/00	1/01	1/02											
INSTALLATION SCHEDULE:	FY-97		FY-98		FY-99		FY-00		FY-01							
QUARTERS	1 2 3 4		1 2 3 4		1 2 3 4		1 2 3 4		1 2 3 4							
INPUT							1		11 12 12 12							
OUTPUT							1		11 12 12 12							
INSTALLATION SCHEDULE:	FY-02															
QUARTERS	1 2 3 4															
INPUT	9															
OUTPUT	9															

UNCLASSIFIED

BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)								DATE FEBRUARY 1998	
APPROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT AF/AIRCRAFT MODIFICATIONS				P-1 ITEM NOMENCLATURE: C-21					
	1997	1998	1999	2000	2001	2002	2003		
COST (In Mil)	\$4.764	\$6.757	\$59.938	\$9.173	\$8.775	\$9.152	\$9.066		

This line item funds modifications to the C-21 aircraft, commercial equivalent Lear Jet 35. The C-21 aircraft is a twin-turboprop engine aircraft used for cargo and passenger airlift over medium ranges (2,000 miles). The primary modifications budgeted in FY99 are the Traffic Alert & Collision Avoidance System (TCAS) and the Global Air Traffic Management System (GATM). Other modifications are budgeted to enhance operational capability while improving flight safety, reliability, and maintainability. The specific modifications budgeted and programmed are below.

CLASS	MOD NR	MODIFICATION TITLE	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	COST TO GO	TOTAL PROG.
P	3149T	TRAFFIC ALERT & COLLISON AVOID	1.4	4.5	8.9	2.1					16.9
	3150	NAVSTAR GLOBAL POSITIONING SYS	3.2								13.7
	9701	MAGNASTAR C-2000 DIGITAL FLIGH		2.0							2.0
	9709	GLOBAL AIR TRAFFIC MANAGEMENT			51.0	6.9	8.7	6.4	6.4	9.5	88.9
	99999S	SERVICE BULLETINS	0.1	0.2	0.1	0.1	0.1	2.8	2.7		7.9
	Z88888	REPROGRAMMINGS		0.1							
	CLASS P	TOTAL FOR C-21	4.8	6.8	59.9	9.2	8.8	9.2	9.1	9.5	
	TOTAL FOR C-21		4.8	6.8	59.9	9.2	8.8	9.2	9.1	9.5	

Totals may not add due to rounding.

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*** UNCLASSIFIED ***

DATE 01/26/98

MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB

MODIFICATION TITLE AND NO: TRAFFIC ALERT & COLLISION AVOIDANCE SYSTEM MN-3149T

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC C-21 CLASS P

MODELS OF AIRCRAFT AFFECTED: C-21, DV AIRCRAFT

CENTER: OC-ALC

PE 0401314F TEAM MOBIL

DESCRIPTION/JUSTIFICATION: The Navigation and Safety Upgrade program combines the C-21 Navigation and Safety upgrades on Air Force aircraft designated for DV passenger missions. The Traffic Alert and Collision Avoidance System (TCAS) will provide a display for inbound aircraft traffic and provides both visual display corrective action and audible warning. The modification is IAW SECDEF 26 Apr 96 letter requiring "navigation and safety upgrades for the 89th Airlift Wing, Distinguished Visitor (DV) and Operational Support Airlift (OSA) aircraft."

AIRCRAFT BREAKDOWN: Active -- 76 RES -- 0 ANG -- 2

DEVELOPMENT STATUS:

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS					25	1.3	41	2.5	10	0.6		
KITS NONRECUR			2	1.0								
EQUIPMENT					(25)	2.3	(41)	5.1	(10)	1.2		
EQUIP NONREC												
CHANGE ORDERS												
DATA				0.4								
SIM/TRAINER												
SUPPORT-EQUIP												
INSTALLATION OF HARDWARE												
FY-97 2 KITS					(2)	0.1						
FY-98 25 KITS					(25)	0.8						
FY-99 41 KITS							(41)	1.2				
FY-00 10 KITS									(10)	0.3		
TOTAL INSTALL QTY/COST					27	0.8	41	1.2	10	0.3		
TOTAL COST (BP-1100)			2	1.4	25	4.5	41	8.9	10	2.1		
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT/FIELD TEAM												
INITIAL LEAD TIME -- 12 MONTHS						FOLLOW-ON LEAD TIME -- 6 MONTHS						

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FACT SHEET: C-21 MN-3149T TRAFFIC ALERT & COLLISION AVOIDANCE SYSTEM (CONTINUED)
 PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)								
PROCUREMENT (3010)								
INSTALL KITS							76	4.5
KITS NONRECUR							2	1.0
EQUIPMENT								8.6
EQUIP NONREC								
CHANGE ORDERS								
DATA								0.4
SIM/TRAINER								
SUPPORT-EQUIP								
INSTALLATION OF HARDWARE								
FY-97 2 KITS							(2)	0.1
FY-98 25 KITS							(25)	0.8
FY-99 41 KITS							(41)	1.2
FY-00 10 KITS							(10)	0.3
TOTAL INSTALL QTY/COST							78	2.4
TOTAL COST (BP-1100)							78	16.9
(TOTALS MAY NOT ADD DUE TO ROUNDING.)								

MILESTONES

	FY-97	FY-98	FY-99	FY-00
CONTRACT-DATE (QTR/FY)	2/97	1/98	1/99	1/00
DELIVERY-DATE (QTR/FY)	2/98	3/98	3/99	3/00

INSTALLATION SCHEDULE:	FY-97				FY-98				FY-99				FY-00			
QUARTERS	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
INPUT					1	13	13			20	21				10	
OUTPUT					1	13	13			20	21				10	

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*** UNCLASSIFIED ***

DATE 01/26/98

MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE

MODIFICATION TITLE AND NO: NAVSTAR GLOBAL POSITIONING SYSTEM MN-3150

CLC C-21 CLASS P

MODELS OF AIRCRAFT AFFECTED: C-21A

CENTER: OC-ALC

PE 0401314F TEAM MOBIL

DESCRIPTION/JUSTIFICATION: Acceleration of integration and installation of NAVSTAR Global Positioning System (GPS) provides worldwide three-dimensional positioning/navigation and more accurate position and velocity information to the navigation function group.

AIRCRAFT BREAKDOWN: Active -- 75 RES -- 0 ANG -- 2

DEVELOPMENT STATUS: None. No RDT&E required.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS	75	6.3	1	0.1								
KITS NONRECUR	2	0.7										
EQUIPMENT	(75)	3.2	(1)									
EQUIP NONREC												
CHANGE ORDERS												
DATA		0.2										
SIM/TRAINER												
SUPPORT-EQUIP												
INSTALLATION OF HARDWARE												
FY-95 2 KITS	(2)	0.1										
FY-96 75 KITS			(75)	3.1								
FY-97 1 KITS			(1)									
TOTAL INSTALL QTY/COST	2	0.1	76	3.1								
TOTAL COST (BP-1100)	77	10.5	1	3.2								
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT/FIELD TEAM												
INITIAL LEAD TIME -- 6 MONTHS						FOLLOW-ON LEAD TIME -- 6 MONTHS						

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FACT SHEET: C-21 MN-3150 NAVSTAR GLOBAL POSITIONING SYSTEM (CONTINUED)
 PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)								
PROCUREMENT (3010)								
INSTALL KITS							76	6.4
KITS NONRECUR							2	0.7
EQUIPMENT								3.2
EQUIP NONREC								
CHANGE ORDERS								
DATA								0.2
SIM/TRAINER								
SUPPORT-EQUIP								
INSTALLATION OF HARDWARE								
FY-95 2 KITS							(2)	0.1
FY-96 75 KITS							(75)	3.1
FY-97 1 KITS							(1)	0.0
TOTAL INSTALL QTY/COST							78	3.2
TOTAL COST (BP-1100)							78	13.7
(TOTALS MAY NOT ADD DUE TO ROUNDING.)								
MILESTONES								
	FY-94	FY-95	FY-96	FY-97				
CONTRACT-DATE (QTR/FY)		3/95	3/96	1/97				
DELIVERY-DATE (QTR/FY)		1/96	1/97	3/97				

INSTALLATION SCHEDULE:	FY-94				FY-95				FY-96				FY-97			
QUARTERS	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
INPUT									1		1		11	25	25	15
OUTPUT									1		1		11	25	25	15

*** UNCLASSIFIED ***

DATE 01/26/98

MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE

MODIFICATION TITLE AND NO: MAGNASTAR C-2000 DIGITAL FLIGHT PHONE MN-9701

CLC C-21 CLASS P

MODELS OF AIRCRAFT AFFECTED: C-21A

CENTER: OC-ALC

PE 0401314F TEAM MOBIL

DESCRIPTION/JUSTIFICATION: Installation of Magnastar C-2000 digital flight phone provides mission essential airborne communication and modem interface with both analog and digital CDPT-C1 SATCOM capability with future capability to except aero-1 SATCOM communication. Group B equipment costs include installation provisions, i.e., integration wiring and applicable interfacing hardware.

AIRCRAFT BREAKDOWN: Active -- 16 RES -- 0 ANG -- 0

DEVELOPMENT STATUS:

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS												
KITS NONRECUR												
EQUIPMENT					16	1.0						
EQUIP NONREC												
CHANGE ORDERS												
DATA						0.4						
SIM/TRAINER												
SUPPORT-EQUIP												
INSTALLATION OF HARDWARE												
FY-98 16 KITS					(16)	0.5						
TOTAL INSTALL QTY/COST					16	0.5						
TOTAL COST (BP-1100)					16	2.0						
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION -- CLS												
INITIAL LEAD TIME -- 2 MONTHS					FOLLOW-ON LEAD TIME -- 0 MONTHS							

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*** UNCLASSIFIED ***

FACT SHEET: C-21 MN-9701 MAGNASTAR C-2000 DIGITAL FLIGHT PHONE (CONTINUED)
 PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)								
PROCUREMENT (3010)								
INSTALL KITS								
KITS NONRECUR								
EQUIPMENT							16	1.0
EQUIP NONREC								
CHANGE ORDERS								
DATA								0.4
SIM/TRAINER								
SUPPORT-EQUIP								
INSTALLATION OF HARDWARE								
FY-98 16 KITS							(16)	0.5
TOTAL INSTALL QTY/COST							16	0.5
TOTAL COST (BP-1100)							16	2.0
(TOTALS MAY NOT ADD DUE TO ROUNDING.)								
MILESTONES								
	FY-96	FY-97	FY-98					
	-----	-----	-----					
CONTRACT-DATE (QTR/FY)			2/98					
DELIVERY-DATE (QTR/FY)			3/98					
INSTALLATION SCHEDULE:	FY-96	FY-97			FY-98			
QUARTERS	1 2 3 4	1 2 3 4	1 2 3 4					
INPUT							8	8
OUTPUT							8	8

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*** UNCLASSIFIED ***

DATE 01/26/98

MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC C-21 CLASS P

MODIFICATION TITLE AND NO: GLOBAL AIR TRAFFIC MANAGEMENT (GATM) MN-9709

MODELS OF AIRCRAFT AFFECTED: C-21A

CENTER: OC-ALC

PE 0401314F TEAM MOBIL

DESCRIPTION/JUSTIFICATION: This comprehensive C-21A avionics upgrade package was selected as the most cost effective method to incorporate the NAV/Safety, GATM, GPWS, upgrade to TCAS II, and RVSM vs. installing each modification separately. This upgrade will interface with the previously installed GPS.

AIRCRAFT BREAKDOWN: Active -- 66 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: Separate TCAS and EGPWS funding will be reprogrammed into this modification IAW USAF "GANS philosophy" of modification consolidation into a single modification. C-21A avionics upgrade includes the following: AHRS Compass system, Dual auto pilot sys (RVSM compliant), single ADF sys, Air Data Instruments (RVSM Compliant), Dual Transponder sys, Dual Comm's Single DME, Dual Nav radios, Radar Altimeter, Weather, 4 Tube EFIS, 1 Tube 4th generation EGPWS and TCAS II.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS							41	42.9	4	3.5	5	7.3
KITS NONRECUR							1	2.6				
EQUIPMENT												
EQUIP NONREC												
CHANGE ORDERS												
DATA								0.7				
SIM/TRAINER												
SUPPORT-EQUIP												
INSTALLATION OF HARDWARE												
FY-99 42 KITS							(31)	4.8				
FY-00 4 KITS									(15)	3.5		
FY-01 5 KITS											(5)	1.4
FY-02 3 KITS												
FY-03 5 KITS												
FY-04 7 KITS												
TOTAL INSTALL QTY/COST							31	4.8	15	3.5	5	1.4
TOTAL COST (BP-1100)							42	51.0	4	6.9	5	8.7
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION -- CLS												
INITIAL LEAD TIME -- 2 MONTHS						FOLLOW-ON LEAD TIME -- 1 MONTHS						

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*** UNCLASSIFIED ***

FACT SHEET: C-21 MN-9709 GLOBAL AIR TRAFFIC MANAGEMENT (GATM) (CONTINUED)
 PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL		
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	
RDT&E (3600)									
PROCUREMENT (3010)									
INSTALL KITS	3	5.2	5	5.4	7	7.4	65	71.6	
KITS NONRECUR							1	2.6	
EQUIPMENT									
EQUIP NONREC									
CHANGE ORDERS									
DATA								0.7	
SIM/TRAINER									
SUPPORT-EQUIP									
INSTALLATION OF HARDWARE									
FY-99 42 KITS							(31)	4.8	
FY-00 4 KITS							(15)	3.5	
FY-01 5 KITS							(5)	1.4	
FY-02 3 KITS (3)		1.2					(3)	1.2	
FY-03 5 KITS			(5)	1.0			(5)	1.0	
FY-04 7 KITS					(7)	2.1	(7)	2.1	
TOTAL INSTALL QTY/COST	3	1.2	5	1.0	7	2.1	66	14.0	
TOTAL COST (BP-1100)	3	6.4	5	6.4	7	9.5	66	88.9	
(TOTALS MAY NOT ADD DUE TO ROUNDING.)									
MILESTONES									
	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	FY-04	FY-05
CONTRACT-DATE (QTR/FY)		1/98	1/99	1/00	1/01	1/00	1/03	1/04	
DELIVERY-DATE (QTR/FY)		3/98	2/99	1/00	1/01	1/02	1/03	1/04	
INSTALLATION SCHEDULE:	FY-97		FY-98		FY-99		FY-00		FY-01
QUARTERS	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4
INPUT	1 1 1 1	2 1 1 1	1 1 1 1	1 1 1 1	2 2 2 1	11 10 10 4	4 4 4 3	2 1 1 1	1 1 1 1
OUTPUT				1		11 10 10 4	4 4 4 4	3 2 1 1	1 1 1 1
INSTALLATION SCHEDULE:	FY-02		FY-03		FY-04		FY-05		
QUARTERS	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4		
INPUT	1 1 1 1	2 1 1 1	1 1 1 1	1 2 2 1	2 2 2 1				
OUTPUT	1 1 1 1	2 1 1 1	2 1 1 1	1 1 1 1	2 2 2 1				

UNCLASSIFIED

BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)								DATE FEBRUARY 1998
APPROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT AF/AIRCRAFT MODIFICATIONS				P-1 ITEM NOMENCLATURE: C-22				
	1997	1998	1999	2000	2001	2002	2003	
COST (In Mil)	\$0.375	\$0.270	\$0.180	\$0.182	\$0.186	\$0.088	\$0.086	

This line item funds modifications to the C-22B aircraft. The C-22B, a Boeing 727-100, is a three engine medium-range aircraft used by the Air National Guard to airlift cargo and personnel. The overall goal of modifications budgeted in FY99 is to fund service bulletins necessary for FAA certification while improving flight safety, reliability, and maintainability. The specific modification budgeted and programmed is below.

CLASS	MOD NR	MODIFICATION TITLE	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	COST TO GO	TOTAL PROG.
P	99999S	SERVICE BULLETINS	0.4	0.3	0.2	0.2	0.2	0.1	0.1	0.1	2.1
	CLASS P	TOTAL FOR C-22	0.4	0.3	0.2	0.2	0.2	0.1	0.1	0.1	
	TOTAL FOR C-22		0.4	0.3	0.2	0.2	0.2	0.1	0.1	0.1	

Totals may not add due to rounding.

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UNCLASSIFIED

BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)								DATE FEBRUARY 1998	
APPROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT AF/AIRCRAFT MODIFICATIONS				P-1 ITEM NOMENCLATURE: C-STOL					
	1997	1998	1999	2000	2001	2002	2003		
COST (In Mil)	\$0.375	\$0.050							

This line item funds modifications to the C-27 aircraft, commercial equivalent Alenia G222. The two engine C-27 is the only short takeoff and landing (STOL) theater dedicated tactical airlifter. There are not any modifications funded in FY99. The specific modifications budgeted and programmed are below.

CLASS	MOD NR	MODIFICATION TITLE	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	COST TO GO	TOTAL PROG.
P	99999S	SERVICE BULLETINS	0.4								5.8
	CLASS P	TOTAL FOR C-27	0.4								
	TOTAL FOR C-27		0.4								

Totals may not add due to rounding.

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UNCLASSIFIED

BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)							DATE FEBRUARY 1998	
APPROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT AF/AIRCRAFT MODIFICATIONS				P-1 ITEM NOMENCLATURE: C-137				
	1997	1998	1999	2000	2001	2002	2003	
COST (In Mil)	\$4.517	\$2.211						

This line item funds modifications to the C-137 aircraft, commercial equivalent Boeing 707. The C-137 is a four engine aircraft used to airlift the vice-president, cabinet members, members of Congress and functions as backup to the VC-25 presidential aircraft. There are not any modifications funded in FY99. The specific modifications budgeted and programmed are below.

CLASS	MOD NR	MODIFICATION TITLE	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	COST TO GO	TOTAL PROG.
P	3149T	TRAFFIC ALERT & COLLISON AVOID	3.4								3.4
	99999S	SERVICE BULLETINS	0.6	2.2							13.2
	99999X	LOW COST MODIFICATIONS	0.5								6.2
	CLASS P	TOTAL FOR C-137	4.5	2.2							
	TOTAL FOR C-137		4.5	2.2							

Totals may not add due to rounding.

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DATE 01/26/98

MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE

MODIFICATION TITLE AND NO: TRAFFIC ALERT & COLLISION AVOIDANCE SYSTEM MN-3149T

CLC C-137 CLASS P

MODELS OF AIRCRAFT AFFECTED: C-137, DV AIRCRAFT

CENTER: OC-ALC

PE 0401314F TEAM MOBIL

DESCRIPTION/JUSTIFICATION: The Traffic Collision Avoidance System (TCAS) II will provide a display for inbound aircraft traffic and provides both visual display corrective action and audible warning. FAA mandated all transport category aircraft are modified with TCAS. All civilian transport aircraft are modified with TCAS and air traffic control to prevent a possible aircraft mishap.

AIRCRAFT BREAKDOWN: Active -- 1 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: N/A. NO RDT&E required

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS			1	0.5								
KITS NONRECUR				1.4								
EQUIPMENT			(1)	1.0								
EQUIP NONREC												
CHANGE ORDERS												
DATA				0.3								
SIM/TRAINER												
SUPPORT-EQUIP												
INSTALLATION OF HARDWARE												
FY-97 1 KITS			(1)	0.2								
TOTAL INSTALL QTY/COST			1	0.2								
TOTAL COST (BP-1100)			1	3.4								

(TOTALS MAY NOT ADD DUE TO ROUNDING.)

METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT

INITIAL LEAD TIME -- 12 MONTHS

FOLLOW-ON LEAD TIME -- 6 MONTHS

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FACT SHEET: C-137 MN-3149T TRAFFIC ALERT & COLLISON AVOIDANCE SYSTEM (CONTINUED)
 PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL		
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	
RDT&E (3600)									
PROCUREMENT (3010)									
INSTALL KITS							1	0.5	
KITS NONRECUR								1.4	
EQUIPMENT								1.0	
EQUIP NONREC									
CHANGE ORDERS									
DATA								0.3	
SIM/TRAINER									
SUPPORT-EQUIP									
INSTALLATION OF HARDWARE									
FY-97 1 KITS							(1)	0.2	
TOTAL INSTALL QTY/COST							1	0.2	
TOTAL COST (BP-1100)							1	3.4	
(TOTALS MAY NOT ADD DUE TO ROUNDING.)									
MILESTONES									
	FY-96	FY-97	FY-98	FY-99					
CONTRACT-DATE (QTR/FY)	4/97								
DELIVERY-DATE (QTR/FY)	4/98								
INSTALLATION SCHEDULE:	FY-96	FY-97			FY-98				FY-99
QUARTERS	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4		
INPUT							1		
OUTPUT								1	

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)							DATE FEBRUARY 1998	
APPROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT AF/AIRCRAFT MODIFICATIONS				P-1 ITEM NOMENCLATURE: C-141				
	1997	1998	1999	2000	2001	2002	2003	
COST (In Mil)	\$50.962	\$44.305	\$33.412	\$2.464	\$0.783	\$0.870	\$0.850	

This line item funds modifications to the C-141 aircraft. The four engine C-141 delivers cargo and troops between strategic theaters of operation. It can carry up to 150 combat troops, 103 litter patients, or 13 standard 463-L pallets. The overall goal of the modifications budgeted in FY99 is to enhance flight safety while improving reliability and maintainability. The specific modifications budgeted and programmed are below.

CLASS	MOD NR	MODIFICATION TITLE	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	COST TO GO	TOTAL PROG.
P-S	999999A	LOW COST SAFETY MODIFICATIONS			0.2	0.7	0.8	0.9	0.9		5.8
		CLASS P-S TOTAL FOR C-141			0.2	0.7	0.8	0.9	0.9		
P	13627B	AUTOPILOT/COCKPIT UPGRADE	26.0	19.1	5.2						169.7
	13652B	FUEL QUANTITY INDICATING SYSTE	0.3								18.6
	3149T	TRAFFIC ALERT & COLLISON AVOID		14.1	17.0	1.8					32.8
	3150	NAVSTAR GLOBAL POSITIONING SYS	23.1	5.0	2.2						63.2
	3455	AIRLIFT DEFENSIVE SYSTEMS	1.6	5.2	0.9						28.0
	Z88888	REPROGRAMMINGS		0.9							0.9
	_0Q606	ENHANCED GROUND PROXIMITY WARN			8.0						8.0
		CLASS P TOTAL FOR C-141	51.0	44.3	33.2	1.8					
		TOTAL FOR C-141	51.0	44.3	33.4	2.5	0.8	0.9	0.9		

Totals may not add due to rounding.

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DATE 01/26/98

MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE

MODIFICATION TITLE AND NO: AUTOPILOT/COCKPIT UPGRADE MN-13627B

CLC C-141 CLASS P

MODELS OF AIRCRAFT AFFECTED: C-141B

CENTER: WR-ALC

PE 0401118F TEAM MOBIL

DESCRIPTION/JUSTIFICATION: The all weather landing system as installed in the C-141 aircraft is of the mid-60's technology. Replacement of the AWLS system including the autopilot system is deemed necessary because of nonsupportability. Continual repair & overhaul of AWLS components (LRUs) in the field & at the depot Technical Repair Center (TRC) have resulted in difficulty in finding replacement LRU sub-parts to support the present AWLS. Mod will provide state-of-the-art autopilot with autoland capability, a Ground Collision Avoidance Subsystem, and enhanced instrumentation for display of flight direction, attitude, horizontal situation, altitude, airspeed, and vertical speed.

AIRCRAFT BREAKDOWN: Active -- 0 RES -- 45 ANG -- 18

DEVELOPMENT STATUS: Complete.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS	41	5.6	21	2.3								
KITS NONRECUR	1	3.6										
EQUIPMENT	(41)	34.8	(21)	17.1								
EQUIP NONREC	(1)	4.6										
CHANGE ORDERS		2.5		1.2		0.8						
DATA		10.3										
SIM/TRAINER	(1)	13.9										
SUPPORT-EQUIP		4.4		0.4								
MISC		5.1										
CONT LIABILITY		15.7										
SOFTWARE		17.2										
FLIGHT TEST		1.0										
OGC				0.8		0.8						
INSTALLATION OF HARDWARE												
FY-92 1 KITS	(1)											
FY-94 1 KITS	(2)	0.7										
FY-96 40 KITS			(10)	4.2	(30)	12.2						
FY-97 21 KITS					(11)	5.3	(10)	5.2				
TOTAL INSTALL QTY/COST	3	0.7	10	4.2	41	17.5	10	5.2				
TOTAL COST (BP-1100)	42	119.4	21	26.0		19.1		5.2				
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION:	INSTALLATION -- DEPOT/FIELD TEAM											
	INITIAL LEAD TIME -- 25 MONTHS				FOLLOW-ON LEAD TIME -- 12 MONTHS							

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FACT SHEET: C-141 MN-13627B AUTOPILOT/COCKPIT UPGRADE (CONTINUED)
 PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)								
PROCUREMENT (3010)								
INSTALL KITS							62	8.0
KITS NONRECUR							1	3.6
EQUIPMENT								52.0
EQUIP NONREC								4.6
CHANGE ORDERS								4.5
DATA								10.3
SIM/TRAINER								13.9
SUPPORT-EQUIP								4.8
MISC								5.1
CONT LIABILITY								15.7
SOFTWARE								17.2
FLIGHT TEST								1.0
OGC								1.6
INSTALLATION OF HARDWARE								
FY-92 1 KITS							(1)	
FY-94 1 KITS							(2)	0.7
FY-96 40 KITS							(40)	16.4
FY-97 21 KITS							(21)	10.5
TOTAL INSTALL QTY/COST							64	27.6
TOTAL COST (BP-1100)							63	169.7
(TOTALS MAY NOT ADD DUE TO ROUNDING.)								
MILESTONES								
	FY-92	FY-93	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99
CONTRACT-DATE (QTR/FY)	2/93		3/94		4/96	2/97		
DELIVERY-DATE (QTR/FY)	2/95		2/95		4/97	2/98		
INSTALLATION SCHEDULE:	FY-92		FY-93		FY-94		FY-95	FY-96
QUARTERS	1 2 3 4		1 2 3 4		1 2 3 4		1 2 3 4	1 2 3 4
INPUT								1 1
OUTPUT								2
INSTALLATION SCHEDULE:	FY-97		FY-98		FY-99			
QUARTERS	1 2 3 4		1 2 3 4		1 2 3 4			
INPUT	1 1 6		6 14 10 10		9 4			
OUTPUT			12 12 10 10		8 6 3			

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DATE 01/26/98

MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB

MODIFICATION TITLE AND NO: FUEL QUANTITY INDICATING SYSTEM MN-13652B

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC C-141 CLASS P

MODELS OF AIRCRAFT AFFECTED: C-141 A/B

CENTER: WR-ALC

PE 0401118F TEAM MOBIL

DESCRIPTION/JUSTIFICATION: The present fuel quantity indicating system has low reliability and accuracy. The results of a PRAM project indicates an \$8M annual savings in fuels. This mod designed a digital fuel gauge indicator and totalizer. The present system was installed beginning 26 years ago and uses coaxial wiring that has reliability problems and is difficult to maintain. The present system shows an MTBF of 106 hours. The specifications for the new one calls for an MTBF of 5000 hours. Force structure changes account for delta between 125 kits bought and 64 kits being installed.

AIRCRAFT BREAKDOWN: Active -- 1 RES -- 45 ANG -- 18

DEVELOPMENT STATUS: None.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS												
KITS NONRECUR												
EQUIPMENT	124	7.6										
EQUIP NONREC	1	2.2										
CHANGE ORDERS												
DATA		0.6										
SIM/TRAINER		1.0										
SUPPORT-EQUIP		0.2										
INSTALLATION OF HARDWARE												
FY-91 2 KITS (2)		0.1										
FY-92 63 KITS (54)		4.4	(3)	0.3								
FY-93 60 KITS (60)		2.2										
TOTAL INSTALL QTY/COST	116	6.7	3	0.3								
TOTAL COST (BP-1100)	125	18.3		0.3								
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT												
INITIAL LEAD TIME -- 18 MONTHS						FOLLOW-ON LEAD TIME -- 9 MONTHS						

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FACT SHEET: C-141 MN-13652B FUEL QUANTITY INDICATING SYSTEM (CONTINUED)
 PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL		
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	
RDT&E (3600)									
PROCUREMENT (3010)									
INSTALL KITS									
KITS NONRECUR									
EQUIPMENT							124	7.6	
EQUIP NONREC							1	2.2	
CHANGE ORDERS									
DATA								0.6	
SIM/TRAINER								1.0	
SUPPORT-EQUIP								0.2	
INSTALLATION OF HARDWARE									
FY-91 2 KITS							(2)	0.1	
FY-92 63 KITS							(57)	4.7	
FY-93 60 KITS							(60)	2.2	
TOTAL INSTALL QTY/COST							119	7.0	
TOTAL COST (BP-1100)							125	18.6	
(TOTALS MAY NOT ADD DUE TO ROUNDING.)									
MILESTONES									
	FY-91	FY-92	FY-93	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99
CONTRACT-DATE (QTR/FY)	2/91	3/93	3/93						
DELIVERY-DATE (QTR/FY)	2/92	2/94	2/94						
INSTALLATION SCHEDULE:	FY-91		FY-92			FY-93		FY-94	
QUARTERS	1 2 3 4		1 2 3 4			1 2 3 4		1 2 3 4	
INPUT						1		1	
OUTPUT							1		1
INSTALLATION SCHEDULE:	FY-96		FY-97			FY-98		FY-99	
QUARTERS	1 2 3 4		1 2 3 4			1 2 3 4		1 2 3 4	
INPUT			2 4 5 2			7 11 9 7		6 4	
OUTPUT			2 4 5 2			7 11 9 7		6 4	

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DATE 01/26/98

MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE

MODIFICATION TITLE AND NO: TRAFFIC ALERT & COLLISION AVOIDANCE SYSTEM MN-3149T

CLC C-141 CLASS P

MODELS OF AIRCRAFT AFFECTED: C141B, C

CENTER: WR-ALC

PE 0401118F TEAM MOBIL

DESCRIPTION/JUSTIFICATION: TCAS II (MODE S) is an airborne traffic alert and collision avoidance advisory system that operates without support from air traffic control ground systems. TCAS II (MODE S) provides visual alert of approaching traffic and aural annunciation of suggested avoidance maneuvers.

AIRCRAFT BREAKDOWN: Active -- 33 RES -- 45 ANG -- 18

DEVELOPMENT STATUS:

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS				32	1.1	62	1.5					
KITS NONRECUR				2	3.5							
EQUIPMENT				(32)	7.2	(62)	10.2					
EQUIP NONREC				(2)	0.5							
CHANGE ORDERS												
DATA					1.2		0.4					
SIM/TRAINER							1.7					
SUPPORT-EQUIP					0.4							
FLIGHT TEST							0.6					
OGC					0.2		0.2					
INSTALLATION OF HARDWARE												
FY-98 34 KITS												
FY-99 62 KITS							(51)	2.4	(45)	1.8		
TOTAL INSTALL QTY/COST							51	2.4	45	1.8		
TOTAL COST (BP-1100)					34	14.1	62	17.0		1.8		
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION -- CONTRACT FIELD TEAM												
INITIAL LEAD TIME -- 6 MONTHS						FOLLOW-ON LEAD TIME -- 0 MONTHS						

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FACT SHEET: C-141 MN-3149T TRAFFIC ALERT & COLLISON AVOIDANCE SYSTEM (CONTINUED)
 PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)								
PROCUREMENT (3010)								
INSTALL KITS							94	2.6
KITS NONRECUR							2	3.5
EQUIPMENT								17.4
EQUIP NONREC								0.5
CHANGE ORDERS								
DATA								1.6
SIM/TRAINER								1.7
SUPPORT-EQUIP								0.4
FLIGHT TEST								0.6
OGC								0.4
INSTALLATION OF HARDWARE								
FY-98 34 KITS								
FY-99 62 KITS							(96)	4.2
TOTAL INSTALL QTY/COST							96	4.2
TOTAL COST (BP-1100)							96	32.8
(TOTALS MAY NOT ADD DUE TO ROUNDING.)								
MILESTONES								
	FY-97	FY-98	FY-99	FY-00				
CONTRACT-DATE (QTR/FY)		4/98						
DELIVERY-DATE (QTR/FY)		2/99						
INSTALLATION SCHEDULE:	FY-97		FY-98		FY-99		FY-00	
QUARTERS	1 2 3 4		1 2 3 4		1 2 3 4		1 2 3 4	
INPUT					1 1 25		8 24 24 13	
OUTPUT					1 1 25		8 24 24 13	

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MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC C-141 CLASS P

MODIFICATION TITLE AND NO: NAVSTAR GLOBAL POSITIONING SYSTEM MN-3150

MODELS OF AIRCRAFT AFFECTED: C-141B

CENTER: WR-ALC

PE 0401118F TEAM MOBIL

DESCRIPTION/JUSTIFICATION: Procures integration and installation of navigation equipment to comply with the congressional FY2000 mandate and Air Force Navigation/Safety equipment master baseline. Equipment includes the following principal components: two commercially procured Flight Management Systems with P/Y code capability, three commercial-off-the-shelf multi-function control display units, two commercial-off-the-shelf GPS antennas, and one non-developmental data loader subsystem. Aircraft integration meets the intent of FAA requirements for GPS enroute navigation and non-precision approach capability.

AIRCRAFT BREAKDOWN: Active -- 0 RES -- 45 ANG -- 18

DEVELOPMENT STATUS: Complete.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)		0.2										
PROCUREMENT (3010)												
INSTALL KITS	1	0.1	61	5.6								
KITS NONRECUR	1	8.1										
EQUIPMENT	(1)	0.2	(61)	13.4								
EQUIP NONREC		1.3										
CHANGE ORDERS								0.5				
DATA		1.7										
SIM/TRAINER		5.9	(6)	2.0		3.6		0.3				
SUPPORT-EQUIP		0.2										
SOFTWARE		13.4		0.4								
FLIGHT TEST		0.8										
OGC		0.7		0.7				0.7				
MISC				0.4								
INSTALLATION OF HARDWARE												
FY-96 2 KITS	(1)	0.3	(1)									
FY-97 61 KITS			(8)	0.6	(40)	1.4	(13)	0.6				
TOTAL INSTALL QTY/COST	1	0.3	9	0.6	40	1.4	13	0.6				
TOTAL COST (BP-1100)	2	32.8	61	23.1		5.0		2.2				
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT/FIELD TEAM												
INITIAL LEAD TIME -- 8 MONTHS						FOLLOW-ON LEAD TIME -- 8 MONTHS						

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FACT SHEET: C-141 MN-3150 NAVSTAR GLOBAL POSITIONING SYSTEM (CONTINUED)
 PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)								
PROCUREMENT (3010)								
INSTALL KITS							62	5.7
KITS NONRECUR							1	8.1
EQUIPMENT								13.6
EQUIP NONREC								1.3
CHANGE ORDERS								0.5
DATA								1.7
SIM/TRAINER								11.8
SUPPORT-EQUIP								0.2
SOFTWARE								13.8
FLIGHT TEST								0.9
OGC								2.1
MISC								0.4
INSTALLATION OF HARDWARE								
FY-96 2 KITS							(2)	0.3
FY-97 61 KITS							(61)	2.6
TOTAL INSTALL QTY/COST							63	3.0
TOTAL COST (BP-1100)							63	63.2
(TOTALS MAY NOT ADD DUE TO ROUNDING.)								
MILESTONES								
	FY-93	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	
CONTRACT-DATE (QTR/FY)				1/96	1/97	1/98		
DELIVERY-DATE (QTR/FY)				3/96	3/97	3/98		
INSTALLATION SCHEDULE:	FY-93		FY-94		FY-95		FY-96	FY-97
QUARTERS	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4
INPUT	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4
OUTPUT								
INSTALLATION SCHEDULE:	FY-98		FY-99					
QUARTERS	1 2 3 4	1 2 3 4	1 2 3 4					
INPUT	7 14 10 10	9 4						
OUTPUT	3 14 18 10	8 6 3						

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DATE 01/26/98

MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE

MODIFICATION TITLE AND NO: AIRLIFT DEFENSIVE SYSTEMS MN-3455

CLC C-141 CLASS P

MODELS OF AIRCRAFT AFFECTED: C-141B

CENTER: WR-ALC

PE 0401118F TEAM MOBIL

DESCRIPTION/JUSTIFICATION: The C-141 users have a mission requirement for electronic warfare defensive systems which will improve aircrew survivability. The electronic warfare defensive systems will consist of a missile warning receiver and a flare and chaff dispenser. (C-141, MN 3455 has flare capability only).

AIRCRAFT BREAKDOWN: Active -- 11 RES -- 45 ANG -- 18

DEVELOPMENT STATUS: Complete.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)		2.0										
PROCUREMENT (3010)												
INSTALL KITS	62	3.9	11	0.5								
KITS NONRECUR	2	1.4										
EQUIPMENT	(74)	8.1										
EQUIP NONREC												
CHANGE ORDERS						1.1						
DATA		0.1										
SIM/TRAINER	(15)	1.1										
SUPPORT-EQUIP		3.7										
OGC												
INSTALLATION OF HARDWARE												
FY-94 22 KITS	(22)	1.6										
FY-95 23 KITS	(5)	0.6	(6)	1.0	(11)	1.5						
FY-96 19 KITS					(19)	2.3						
FY-97 11 KITS					(3)	0.3	(8)	0.9				
TOTAL INSTALL QTY/COST	27	2.2	6	1.0	33	4.1	8	0.9				
TOTAL COST (BP-1100)	64	20.4	11	1.6		5.2		0.9				
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT/FIELD TEAM												
INITIAL LEAD TIME -- 1 MONTHS						FOLLOW-ON LEAD TIME -- 6 MONTHS						

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FACT SHEET: C-141 MN-3455 AIRLIFT DEFENSIVE SYSTEMS (CONTINUED)
 PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL			
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT		
RDT&E (3600)										
PROCUREMENT (3010)										
INSTALL KITS							73	4.4		
KITS NONRECUR							2	1.4		
EQUIPMENT								8.1		
EQUIP NONREC										
CHANGE ORDERS								1.1		
DATA								0.1		
SIM/TRAINER								1.1		
SUPPORT-EQUIP								3.7		
OGC								0.0		
INSTALLATION OF HARDWARE										
FY-94 22 KITS							(22)	1.6		
FY-95 23 KITS							(22)	3.1		
FY-96 19 KITS							(19)	2.3		
FY-97 11 KITS							(11)	1.2		
TOTAL INSTALL QTY/COST							74	8.2		
TOTAL COST (BP-1100)							75	28.0		
(TOTALS MAY NOT ADD DUE TO ROUNDING.)										
MILESTONES										
	FY-90	FY-91	FY-92	FY-93	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99
CONTRACT-DATE (QTR/FY)					2/95	4/96	4/96	1/97	3/98	
DELIVERY-DATE (QTR/FY)					2/95	1/97	3/97	4/97	1/99	
INSTALLATION SCHEDULE:	FY-95		FY-96		FY-97		FY-98		FY-99	
QUARTERS	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4
INPUT	1 3 23				1 1 4		3 12 9 9	6 2		
OUTPUT	1 3 23				1		6 9 11 8	7 4 1		

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DATE 01/26/98

MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE

MODIFICATION TITLE AND NO: ENHANCED GROUND PROXIMITY WARNING SYS MN_0Q606

CLC C-141 CLASS P

MODELS OF AIRCRAFT AFFECTED: C-141C

CENTER: WR-ALC

PE 0401118F TEAM MOBIL

DESCRIPTION/JUSTIFICATION: Replaces the GCAC Mark 7 (third generation) Ground Proximity Warning System (GPWS) with Enhanced Ground Proximity Warning System (EGPWS) fourth generation .
No rqmts doc from User. Rqmt input based on verbal from AF/XORM that \$8M was in budget for FY99 for EGPWS. ROM from contractor is in excess of \$20M.

DEVELOPMENT STATUS:

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS												
KITS NONRECUR							1	4.7				
EQUIPMENT												
EQUIP NONREC							(1)	2.4				
CHANGE ORDERS												
DATA								0.2				
SIM/TRAINER								0.5				
SUPPORT-EQUIP												
FLIGHT TEST								0.2				
INSTALLATION OF HARDWARE												
FY-99 1 KITS												
TOTAL INSTALL QTY/COST												
TOTAL COST (BP-1100)							1	8.0				
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION --												
INITIAL LEAD TIME -- MONTHS						FOLLOW-ON LEAD TIME -- MONTHS						

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FACT SHEET: C-141 MN-_0Q606 ENHANCED GROUND PROXIMITY WARNING SYS (CONTINUED)
 PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)								
PROCUREMENT (3010)								
INSTALL KITS								
KITS NONRECUR							1	4.7
EQUIPMENT								
EQUIP NONREC								2.4
CHANGE ORDERS								
DATA								0.2
SIM/TRAINER								0.5
SUPPORT-EQUIP								
FLIGHT TEST								0.2
INSTALLATION OF HARDWARE								
FY-99 1 KITS								
TOTAL INSTALL QTY/COST								
TOTAL COST (BP-1100)							1	8.0

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)								DATE
APPROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT AF/AIRCRAFT MODIFICATIONS					P-1 ITEM NOMENCLATURE: T-1			
	1997	1998	1999	2000	2001	2002	2003	
COST (In Mil)	\$6.995	\$6.818	\$7.739	\$0.010				

This line item funds modifications to the T-1A aircraft. The T-1A is a missionized Beech 400A used in the Airlift/Tanker track of USAF Specialized Undergraduate Pilot Training (SUPT) for Air Education and Training Command (AETC). It is powered by two Pratt and Whitney JT15D-5 turbofan engines mounted on the aft fuselage producing 2,900 pounds of thrust each. Avionics include UHF and VHF radios, INS, TACAN, ADF, and two VOR/ILS. The overall goal of the modification budgeted in FY99 is to enhance operational capability through the addition of Global Positioning System. The specific modification budgeted and programmed is below.

CLASS	MOD NR	MODIFICATION TITLE	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	COST TO GO	TOTAL PROG.
P	3150	NAVSTAR GLOBAL POSITIONING SYS	7.5	6.7	7.7						36.1
	Z88888	REPROGRAMMINGS	-0.5	0.1							-0.4
	CLASS P	TOTAL FOR T-1	7.0	6.8	7.7						
	TOTAL FOR T-1		7.0	6.8	7.7						

Totals may not add due to rounding.

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MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE

MODIFICATION TITLE AND NO: NAVSTAR GLOBAL POSITIONING SYSTEM MN-3150

CLC T-1 CLASS P

MODELS OF AIRCRAFT AFFECTED: T-1

CENTER: ASC

PE 0804741F TEAM PERSO

DESCRIPTION/JUSTIFICATION: The Navstar Global Positioning System (GPS) provides worldwide three-dimensional positioning/navigation for military aircraft. The system is composed of three segments: user equipment, satellites, and a control network. Satellites broadcast velocity and provide steering vectors to target locations. Control segment updates daily the navigation messages broadcast from the satellites.

AIRCRAFT BREAKDOWN: Active -- 180 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: N/A.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS	62	9.3	41	7.5	29	5.0	47	7.2				
KITS NONRECUR	1	4.0										
EQUIPMENT												
EQUIP NONREC												
CHANGE ORDERS												
DATA												
SIM/TRAINER		0.6				0.9		0.5				
SUPPORT-EQUIP						0.1						
OGC						0.6		0.1				
OPTION 1		0.3										
INSTALLATION OF HARDWARE												
FY-96 63 KITS												
FY-97 41 KITS												
FY-98 29 KITS												
FY-99 47 KITS												
TOTAL INSTALL QTY/COST												
TOTAL COST (BP-1100)	63	14.1	41	7.5	29	6.7	47	7.7				
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION -- CONTRACTOR FACILITY												
INITIAL LEAD TIME -- MONTHS						FOLLOW-ON LEAD TIME -- MONTHS						

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FACT SHEET: T-1 MN-3150 NAVSTAR GLOBAL POSITIONING SYSTEM (CONTINUED)
 PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)								
PROCUREMENT (3010)								
INSTALL KITS							179	28.9
KITS NONRECUR							1	4.0
EQUIPMENT								
EQUIP NONREC								
CHANGE ORDERS								
DATA								
SIM/TRAINER								2.0
SUPPORT-EQUIP								0.1
OGC								0.7
OPTION 1								0.3
INSTALLATION OF HARDWARE								
FY-96 63 KITS								
FY-97 41 KITS								
FY-98 29 KITS								
FY-99 47 KITS								
TOTAL INSTALL QTY/COST								
TOTAL COST (BP-1100)							180	36.1

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)							DATE FEBRUARY 1998	
APPROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT AF/AIRCRAFT MODIFICATIONS				P-1 ITEM NOMENCLATURE: T-3 (EFS) AIRCRAFT				
	1997	1998	1999	2000	2001	2002	2003	
COST (In Mil)	\$0.148	\$0.098	\$0.095	\$0.095	\$0.094			

The T-3 is a single engine, propeller driven, two seat (side-by-side), trainer used by AETC as a flight screener for Undergraduate Pilot Training. The overall goal of the modification budgeted in the FY99 is to enhance flight safety. The specific modification budgeted and programmed is below.

CLASS	MOD NR	MODIFICATION TITLE	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	COST TO GO	TOTAL PROG.
P-S	3009T	T-3 FUEL SYSTEM MODIFICATION	1.1	2.9							6.2
		CLASS P-S TOTAL FOR T-3	1.1	2.9							
P	99999A	LOW COST SAFETY MODIFICATIONS	0.1	0.1	0.1	0.1	0.1				0.6
	Z88888	REPROGRAMMINGS	-1.1	-2.9							-6.2
		CLASS P TOTAL FOR T-3	-0.9	-2.8	0.1	0.1	0.1				
		TOTAL FOR T-3	0.1	0.1	0.1	0.1	0.1				

Totals may not add due to rounding.

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*** UNCLASSIFIED ***

DATE 01/26/98

MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB

MODIFICATION TITLE AND NO: T-3 FUEL SYSTEM MODIFICATION MN-3009T

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC T-3 CLASS P-S

MODELS OF AIRCRAFT AFFECTED: T-3A

CENTER: OC-ALC

PE 0804748F TEAM PERSO

DESCRIPTION/JUSTIFICATION: Total rework of the fuel pickup and delivery system of the aircraft. Proposed to resolve uncommanded engine stoppages.

AIRCRAFT BREAKDOWN: Active -- 110 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: N/A

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS	75	2.3	35	1.1								
KITS NONRECUR												
EQUIPMENT												
EQUIP NONREC												
CHANGE ORDERS												
DATA						0.1						
SIM/TRAINER												
SUPPORT-EQUIP												
OGC							0.3					
OGC							0.3					
INSTALLATION OF HARDWARE												
FY-96 75 KITS					(75)	1.5						
FY-97 35 KITS					(35)	0.7						
TOTAL INSTALL QTY/COST					110	2.2						
TOTAL COST (BP-1100)	75	2.3	35	1.1		2.9						

(TOTALS MAY NOT ADD DUE TO ROUNDING.)

METHOD OF IMPLEMENTATION: INSTALLATION -- COMBINATION

INITIAL LEAD TIME -- 1 MONTHS

FOLLOW-ON LEAD TIME -- 0 MONTHS

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FACT SHEET: T-3 MN-3009T T-3 FUEL SYSTEM MODIFICATION (CONTINUED)
 PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)								
PROCUREMENT (3010)								
INSTALL KITS							110	3.3
KITS NONRECUR								
EQUIPMENT								
EQUIP NONREC								
CHANGE ORDERS								
DATA								0.1
SIM/TRAINER								
SUPPORT-EQUIP								
OGC								0.3
OGC								0.3
INSTALLATION OF HARDWARE								
FY-96 75 KITS							(75)	1.5
FY-97 35 KITS							(35)	0.7
TOTAL INSTALL QTY/COST							110	2.2
TOTAL COST (BP-1100)							110	6.2
(TOTALS MAY NOT ADD DUE TO ROUNDING.)								
MILESTONES								
	FY-96	FY-97	FY-98					
	-----	-----	-----					
CONTRACT-DATE (QTR/FY)			1/98					
DELIVERY-DATE (QTR/FY)			1/98					
INSTALLATION SCHEDULE:	FY-96			FY-97			FY-98	
QUARTERS	1 2 3 4			1 2 3 4			1 2 3 4	
INPUT							20 90	
OUTPUT							20 90	

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)								DATE FEBRUARY 1998
APPROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT AF/AIRCRAFT MODIFICATIONS				P-1 ITEM NOMENCLATURE: T-38				
	1997	1998	1999	2000	2001	2002	2003	
COST (In Mil)	\$5.820	\$14.475	\$53.570	\$98.606	\$94.430	\$87.180	\$105.312	

The T-38 is a twin engine, two seat (tandem), supersonic jet trainer used by Air Education Training Command as an advanced trainer in Undergraduate Pilot Training. The primary modification budgeted in FY99 is the Avionics Upgrade. Other modifications are budgeted to enhance operational capability while improving flight safety, reliability, and maintainability. The specific modifications budgeted and programmed are below.

CLASS	MOD NR	MODIFICATION TITLE	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	COST TO GO	TOTAL PROG.
P-S	10206A	FUS STA 325 BULKHEAD FORMER CH	0.6	10.8	13.4	2.8	2.1				58.6
	14207B	COCKPIT ENCLOSURE (PC)	4.6	3.4	1.3						66.2
	99999A	LOW COST SAFETY MODIFICATIONS			0.8	0.1		0.2	0.2	0.9	3.5
		CLASS P-S TOTAL FOR T-38	5.2	14.2	15.5	2.9	2.1	0.2	0.2	0.9	
P	23177B	VOR/ILS REPLACEMENT (PC)	0.6								6.3
	6029	AVIONICS UPGRADE			38.1	95.7	92.3	87.0	105.1	168.9	587.2
	Z88888	REPROGRAMMINGS		0.3							0.6
		CLASS P TOTAL FOR T-38	0.6	0.3	38.1	95.7	92.3	87.0	105.1	168.9	
		TOTAL FOR T-38	5.8	14.5	53.6	98.6	94.4	87.2	105.3	169.8	

Totals may not add due to rounding.

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DATE 01/26/98

MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE

MODIFICATION TITLE AND NO: FUS STA 325 BULKHEAD FORMER CHANGEOUT MN-10206A

CLC T-38 CLASS P-S

MODELS OF AIRCRAFT AFFECTED: T-38

CENTER: SA-ALC

PE 0804741F TEAM PERSO

DESCRIPTION/JUSTIFICATION: Aircraft is developing cracks in six locations on the 325 former. Repairs only retard crack growth. Data indicates crack growth will be beyond safety limits. Stress corrosion cracking is unpredictable.

AIRCRAFT BREAKDOWN: Active -- 477 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: Complete.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS	456	11.4	21	0.6								
KITS NONRECUR												
EQUIPMENT												
EQUIP NONREC												
CHANGE ORDERS												
DATA												
SIM/TRAINER												
SUPPORT-EQUIP												
INSTALLATION OF HARDWARE												
FY-93 166 KITS (166)		17.4										
FY-94 201 KITS (36)					10.8		(91)	13.4	(74)			
FY-95 32 KITS									(32)			
FY-96 57 KITS									(28)	2.8	(29)	
FY-97 21 KITS											(21)	2.1
TOTAL INSTALL QTY/COST	166	17.4			36	10.8	91	13.4	134	2.8	50	2.1
TOTAL COST (BP-1100)	456	28.8	21	0.6		10.8		13.4		2.8		2.1
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT												
INITIAL LEAD TIME -- 24 MONTHS						FOLLOW-ON LEAD TIME -- 24 MONTHS						

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FACT SHEET: T-38 MN-10206A FUS STA 325 BULKHEAD FORMER CHANGEOUT (CONTINUED)
 PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL				
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT			
RDT&E (3600)											
PROCUREMENT (3010)											
INSTALL KITS							477	12.1			
KITS NONRECUR											
EQUIPMENT											
EQUIP NONREC											
CHANGE ORDERS											
DATA											
SIM/TRAINER											
SUPPORT-EQUIP											
INSTALLATION OF HARDWARE											
FY-93 166 KITS							(166)	17.4			
FY-94 201 KITS							(201)	24.2			
FY-95 32 KITS							(32)				
FY-96 57 KITS							(57)	2.8			
FY-97 21 KITS							(21)	2.1			
TOTAL INSTALL QTY/COST							477	46.5			
TOTAL COST (BP-1100)							477	58.6			
(TOTALS MAY NOT ADD DUE TO ROUNDING.)											
MILESTONES											
	FY-93	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01		
CONTRACT-DATE (QTR/FY)	2/93	2/94	3/95	1/96	4/97	1/98					
DELIVERY-DATE (QTR/FY)	3/94	3/95	4/96	1/97	4/00	1/01					
INSTALLATION SCHEDULE:	FY-93	FY-94			FY-95			FY-96		FY-97	
QUARTERS	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	
INPUT							1 2	13 13 13 13	17 18 18 17		
OUTPUT							1	2 13 13 13	13 13 17 18	18 18	
INSTALLATION SCHEDULE:	FY-98	FY-99			FY-00			FY-01			
QUARTERS	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4			
INPUT	19 19 19 20	22 22 24 23	33 33 34 34	25 25							
OUTPUT	17 19 19 19	20 22 22 24	23 33 33 34	34 25 25							

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MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE

MODIFICATION TITLE AND NO: COCKPIT ENCLOSURE (PC) MN-14207B

CLC T-38 CLASS P-S

MODELS OF AIRCRAFT AFFECTED: T-38

CENTER: SA-ALC

PE 0804741F TEAM PERSO

DESCRIPTION/JUSTIFICATION: Fatigue cracks combined with corrosion are being found in the cockpit longeron at an increasing rate. The damage is also being found around the canopy hook slots and longeron splice. The critical nature of the structural components limits the type and number of authorized repairs before loss of structural integrity leading to catastrophic failure of structural components and/or loss of personnel. This modification will redesign and strengthen the aging structural components, incorporate a new canopy latching system, and strengthen other structurally related areas/components.

AIRCRAFT BREAKDOWN: Active -- 475 RES -- 0 ANG -- 0

DEVELOPMENT STATUS:

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS	454	12.9	21	0.6								
KITS NONRECUR	(2)	0.4										
EQUIPMENT												
EQUIP NONREC												
CHANGE ORDERS												
DATA		0.2										
SIM/TRAINER												
SUPPORT-EQUIP												
INSTALLATION OF HARDWARE												
FY-90 23 KITS	(23)	2.2										
FY-91 125 KITS	(125)	17.3										
FY-92 207 KITS	(207)	20.4										
FY-93 19 KITS	(19)	2.3										
FY-94 67 KITS		0.5	(28)	4.0	(39)	1.3						
FY-95 13 KITS					(13)	1.3						
FY-97 21 KITS					(8)	0.8	(13)	1.3				
TOTAL INSTALL QTY/COST	374	42.7	28	4.0	60	3.4	13	1.3				
TOTAL COST (BP-1100)	454	57.0	21	4.6		3.4		1.3				

(TOTALS MAY NOT ADD DUE TO ROUNDING.)

METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT

INITIAL LEAD TIME -- 24 MONTHS

FOLLOW-ON LEAD TIME -- 24 MONTHS

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FACT SHEET: T-38 MN-14207B COCKPIT ENCLOSURE (PC) (CONTINUED)
 PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL			
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT		
RDT&E (3600)										
PROCUREMENT (3010)										
INSTALL KITS							475	13.5		
KITS NONRECUR								0.4		
EQUIPMENT										
EQUIP NONREC										
CHANGE ORDERS										
DATA								0.2		
SIM/TRAINER										
SUPPORT-EQUIP										
INSTALLATION OF HARDWARE										
FY-90 23 KITS							(23)	2.2		
FY-91 125 KITS							(125)	17.3		
FY-92 207 KITS							(207)	20.4		
FY-93 19 KITS							(19)	2.3		
FY-94 67 KITS							(67)	5.8		
FY-95 13 KITS							(13)	1.3		
FY-97 21 KITS							(21)	2.1		
TOTAL INSTALL QTY/COST							475	51.3		
TOTAL COST (BP-1100)							475	66.2		
(TOTALS MAY NOT ADD DUE TO ROUNDING.)										
MILESTONES										
	FY-90	FY-91	FY-92	FY-93	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99
CONTRACT-DATE (QTR/FY)	3/90	3/91	1/92	1/93	1/94	1/95		4/97		
DELIVERY-DATE (QTR/FY)	3/92	3/93	1/94	1/95	1/96	1/97		1/99		
INSTALLATION SCHEDULE:	FY-90		FY-91		FY-92			FY-93		FY-94
QUARTERS	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4
INPUT						1 2	1 2	1 3 20 38	23 23 23 22	
OUTPUT						1	2	1 3 20 38	23 23 23 23	
INSTALLATION SCHEDULE:	FY-95		FY-96		FY-97			FY-98		FY-99
QUARTERS	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	
INPUT	34 35 35 34	12 12 13 14	15 14 14 14	15 15 15 15	13 13 13 13					
OUTPUT	22 34 35 35	34 12 12 13	14 15 14 14	14 15 15 15	15 13 13 13					

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MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB

MODIFICATION TITLE AND NO: AVIONICS UPGRADE MN-6029

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC T-38 CLASS P

MODELS OF AIRCRAFT AFFECTED: T-38

CENTER: SA-ALC

PE 0804741F TEAM PERSO

DESCRIPTION/JUSTIFICATION: Significant advances in avionics systems technologies have occurred since the A/T-38 entered service in 1962. Current bomber and fighter aircraft employ highly complex avionics which are not available in the A/T-38. This causes an inability to train standard avionics and cockpit management skills. Current installed avionics have low reliability and maintainability rates. Finally there is a requirement to install GPS on the A/T-38 to permit operations in the national airspace. The upgrade will include a HUD, GPS/INS and a glass cockpit resembling current and proposed bomber and fighter aircraft, eliminating the current training deficiencies. Simulators will be updated for a complete training system.

AIRCRAFT BREAKDOWN: Active -- 509 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: FY 98 - Continue EMD phase; start and complete modification of EMD aircraft numbers one and two; complete contractor testing; complete integration first flight; conduct DT&E/IOT&E; perform production planning; perform manufacturing lineproofing; conduct ATD design reviews; start ATD CLS and Training Software Support Center site assessments; start ATD testing. Increase fleet quantities to same as Mod No. 14207 & 10206. This additional aircraft were added to AETC fleet in FY97.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)		14.9		22.9		16.9		11.4		1.6		
PROCUREMENT (3010)												
INSTALL KITS							29	2.2	86	4.7	87	4.6
KITS NONRECUR							(29)	18.1	(86)	49.5	(87)	50.1
EQUIPMENT												
EQUIP NONREC								2.6		5.8		7.9
CHANGE ORDERS								0.3		0.5		
DATA								3.6		15.4		17.3
SIM/TRAINER										2.8		2.7
SUPPORT-EQUIP												
INSTALLATION OF HARDWARE												
FY-99 29 KITS							(9)	11.3	(20)	3.9		
FY-00 86 KITS									(66)	13.2	(20)	4.7
FY-01 87 KITS											(67)	5.1
FY-02 85 KITS												
FY-03 85 KITS												
FY-04 87 KITS												
FY-05 50 KITS												
TOTAL INSTALL QTY/COST							9	11.3	86	17.1	87	9.7
TOTAL COST (BP-1100)							29	38.1	86	95.7	87	92.3

(TOTALS MAY NOT ADD DUE TO ROUNDING.)

METHOD OF IMPLEMENTATION: INSTALLATION -- CONTRACTOR FACILITY

INITIAL LEAD TIME -- 6 MONTHS

FOLLOW-ON LEAD TIME -- 6 MONTHS

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*** UNCLASSIFIED ***

FACT SHEET: T-38 MN-6029 AVIONICS UPGRADE
 PROJECTED FINANCIAL PLAN (CONTINUED)

(CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL				
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT			
RDT&E (3600)											
PROCUREMENT (3010)											
INSTALL KITS	85	4.6	85	4.7	137	7.9	509	28.6			
KITS NONRECUR	(85)	49.2	(85)	55.0	(137)	96.9		318.8			
EQUIPMENT											
EQUIP NONREC		7.2		8.6		11.5		43.6			
CHANGE ORDERS				0.1		0.3		1.2			
DATA		12.3		19.8		16.1		84.5			
SIM/TRAINER		2.7		2.7		10.4		21.2			
SUPPORT-EQUIP											
INSTALLATION OF HARDWARE											
FY-99 29 KITS							(29)	15.2			
FY-00 86 KITS							(86)	17.9			
FY-01 87 KITS (20)		5.3					(87)	10.3			
FY-02 85 KITS (65)		5.7	(20)	6.0			(85)	11.6			
FY-03 85 KITS (65)			(65)	8.3	(20)	6.5	(85)	14.9			
FY-04 87 KITS					(87)	12.7	(87)	12.7			
FY-05 50 KITS					(50)	6.8	(50)	6.8			
TOTAL INSTALL QTY/COST	85	10.9	85	14.3	157	25.9	509	89.3			
TOTAL COST (BP-1100)	85	87.0	85	105.1	137	168.9	509	587.2			
(TOTALS MAY NOT ADD DUE TO ROUNDING.)											
MILESTONES											
CONTRACT-DATE (QTR/FY)	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	FY-04	FY-05	FY-06
DELIVERY-DATE (QTR/FY)				2/99	1/00	1/01	1/02	1/03	1/04	1/05	
				4/99	2/00	2/01	2/03	2/03	2/04	2/05	
INSTALLATION SCHEDULE:	FY-96		FY-97		FY-98		FY-99				FY-00
QUARTERS	1 2 3 4		1 2 3 4		1 2 3 4		1 2 3 4				1 2 3 4
INPUT										9 21	21 22 22
OUTPUT											4 9 17
INSTALLATION SCHEDULE:	FY-01		FY-02		FY-03		FY-04				FY-05
QUARTERS	1 2 3 4		1 2 3 4		1 2 3 4		1 2 3 4				1 2 3 4
INPUT	22 22 22 21		21 21 21 22		22 21 21 21		23 22 21 21				26 22 22
OUTPUT	19 19 21 20		20 22 23 23		24 24 24 24		24 24 24 24				24 24 24
INSTALLATION SCHEDULE:	FY-06										
QUARTERS	1 2 3 4										
INPUT											
OUTPUT	22 4										

UNCLASSIFIED

BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)							DATE FEBRUARY 1998	
APPROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT AF/AIRCRAFT MODIFICATIONS				P-1 ITEM NOMENCLATURE: T-41 AIRCRAFT				
	1997	1998	1999	2000	2001	2002	2003	
COST (In Mil)	\$0.024	\$0.098	\$0.095	\$0.095	\$0.094	\$0.095	\$0.095	

The T-41 is a military derivative of the civilian Cessna 172, a four seat, propeller driven, light aircraft used by USAFA in support of the aeronautical engineering course curriculum. The overall goal of the modification budgeted in FY99 is to enhance flight safety while improving reliability and maintainability. The specific modification budgeted and programmed is below.

CLASS	MOD NR	MODIFICATION TITLE	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	COST TO GO	TOTAL PROG.
P	99999X	LOW COST MODIFICATIONS		0.1	0.1	0.1	0.1	0.1	0.1		0.9
	CLASS P	TOTAL FOR T-41		0.1	0.1	0.1	0.1	0.1	0.1		
	TOTAL FOR T-41			0.1	0.1	0.1	0.1	0.1	0.1		

Totals may not add due to rounding.

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UNCLASSIFIED

BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)							DATE FEBRUARY 1998	
APPROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT AF/AIRCRAFT MODIFICATIONS				P-1 ITEM NOMENCLATURE: T-43				
	1997	1998	1999	2000	2001	2002	2003	
COST (In Mil)	\$4.758	\$10.027	\$2.233	\$0.753	\$3.711	\$3.957	\$0.349	

The T-43 is a military derivative of the Boeing 737 used by AETC as an airborne training platform in Undergraduate Navigator Training. The primary modification budgeted in FY99 is the Fight Data Recorder/Cockpit Voice Recorder (FDR/CVR). Other modifications are budgeted to enhance operational capability while improving flight safety, reliability, and maintainability. The specific modifications budgeted and programmed are below.

CLASS	MOD NR	MODIFICATION TITLE	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	COST TO GO	TOTAL PROG.
P	3149F	FLIGHT DATA RECORDER & COCKPIT		2.6	1.7						7.6
	3150	NAVSTAR GLOBAL POSITIONING SYS	4.5	3.5							10.6
	9605	INMARSAT AND SATCOM UPGRADE		3.6							3.6
	99999S	SERVICE BULLETINS		0.1	0.4	0.7	0.4	0.3	0.2	0.4	9.0
	99999X	LOW COST MODIFICATIONS	0.2	0.1	0.1	0.1	0.1	0.1	0.1		1.8
	EGPWS	ENHANCED GROUND PROXIMITY WARN					3.2	3.6			6.8
	Z88888	REPROGRAMMINGS		0.2							2.0
	CLASS P	TOTAL FOR T-43	4.8	10.0	2.2	0.8	3.7	4.0	0.3	0.4	
	TOTAL FOR T-43		4.8	10.0	2.2	0.8	3.7	4.0	0.3	0.4	

Totals may not add due to rounding.

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*** UNCLASSIFIED ***

DATE 01/26/98

MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE

MODIFICATION TITLE AND NO: FLIGHT DATA RECORDER & COCKPIT VOICE RECORDER MN-3149F

CLC T-43 CLASS P

MODELS OF AIRCRAFT AFFECTED: CT-43, DV AIRCRAFT

CENTER: OC-ALC

PE 0804742F TEAM PERSO

DESCRIPTION/JUSTIFICATION: The modification is IAW SECDEF 26 Apr 96 letter requiring navigation and safety upgrades for aircraft designated for Distinguished Visitor (DV) missions and Operational Support Airlift (OSA) aircraft. The Flight Data Recorder and the Cockpit Voice Recorder will provide a valuable aid in providing post-mishap information concerning the pre-mishap pilot actions and aircraft system status.

AIRCRAFT BREAKDOWN: Active -- 11 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: N/A.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS					7	0.9	2	0.3				
KITS NONRECUR	2	1.3										
EQUIPMENT					(7)	0.9	(2)	0.3				
EQUIP NONREC	(2)	1.0										
CHANGE ORDERS												
DATA		0.8				0.6		0.5				
SIM/TRAINER												
SUPPORT-EQUIP												
INSTALLATION OF HARDWARE												
FY-96 2 KITS		0.2										
FY-98 7 KITS					(4)	0.2						
FY-99 2 KITS							(7)	0.7				
TOTAL INSTALL QTY/COST		0.2			4	0.2	7	0.7				
TOTAL COST (BP-1100)	2	3.3			7	2.6	2	1.7				
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION -- CLS												
INITIAL LEAD TIME -- 9 MONTHS					FOLLOW-ON LEAD TIME -- 3 MONTHS							

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*** UNCLASSIFIED ***

FACT SHEET: T-43 MN-3149F FLIGHT DATA RECORDER & COCKPIT VOICE RECORDER (CONTINUED)
 PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)								
PROCUREMENT (3010)								
INSTALL KITS							9	1.1
KITS NONRECUR							2	1.3
EQUIPMENT								1.1
EQUIP NONREC								1.0
CHANGE ORDERS								
DATA								1.9
SIM/TRAINER								
SUPPORT-EQUIP								
INSTALLATION OF HARDWARE								
FY-96 2 KITS								0.2
FY-98 7 KITS							(4)	0.2
FY-99 2 KITS							(7)	0.7
TOTAL INSTALL QTY/COST							11	1.1
TOTAL COST (BP-1100)							11	7.6
(TOTALS MAY NOT ADD DUE TO ROUNDING.)								
MILESTONES								
	FY-96	FY-97	FY-98	FY-99	FY-00			
CONTRACT-DATE (QTR/FY)	4/96		1/98	1/99				
DELIVERY-DATE (QTR/FY)	4/97		1/98	1/99				
INSTALLATION SCHEDULE:	FY-96		FY-97		FY-98		FY-99	
QUARTERS	1 2 3 4		1 2 3 4		1 2 3 4		1 2 3 4	
INPUT					2 1 1		1 2 2 2	
OUTPUT					2 1 1		1 2 2 2	

*** UNCLASSIFIED ***

DATE 01/26/98

MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE

MODIFICATION TITLE AND NO: NAVSTAR GLOBAL POSITIONING SYSTEM MN-3150

CLC T-43 CLASS P

MODELS OF AIRCRAFT AFFECTED: CT/T-43

CENTER: OC-ALC

PE 0804742F TEAM PERSO

DESCRIPTION/JUSTIFICATION: This modification is IAW SECDEF 26 Apr 96 letter requiring navigation and safety upgrades for aircraft designed for Distinguished Visitor (DV) passenger missions and Operational Support Airlift (OSA) aircraft. This modification will install dual Litton \$10 flight management systems and Trimble GPS receivers and antennas. This modification is applicable to all T/CT-43 aircraft. Two prototypes will be required due to the different avionics equipment and cockpit layout on T-43s and CT-43s.

AIRCRAFT BREAKDOWN: Active -- 11 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: N/A.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS			9	1.8								
KITS NONRECUR	2	1.3										
EQUIPMENT			(9)	1.8								
EQUIP NONREC	(2)	0.7										
CHANGE ORDERS												
DATA		0.6		1.0		2.1						
SIM/TRAINER												
SUPPORT-EQUIP												
INSTALLATION OF HARDWARE												
FY-95 2 KITS												
FY-97 9 KITS					(9)	1.4						
TOTAL INSTALL QTY/COST					9	1.4						
TOTAL COST (BP-1100)	2	2.6	9	4.5		3.5						
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION -- CLS												
INITIAL LEAD TIME -- 13 MONTHS						FOLLOW-ON LEAD TIME -- 10 MONTHS						

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FACT SHEET: T-43 MN-3150 NAVSTAR GLOBAL POSITIONING SYSTEM (CONTINUED)
 PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)								
PROCUREMENT (3010)								
INSTALL KITS							9	1.8
KITS NONRECUR							2	1.3
EQUIPMENT								1.8
EQUIP NONREC								0.7
CHANGE ORDERS								
DATA								3.7
SIM/TRAINER								
SUPPORT-EQUIP								
INSTALLATION OF HARDWARE								
FY-95 2 KITS								
FY-97 9 KITS							(9)	1.4
TOTAL INSTALL QTY/COST							9	1.4
TOTAL COST (BP-1100)							11	10.6
(TOTALS MAY NOT ADD DUE TO ROUNDING.)								
MILESTONES								
	FY-95	FY-96	FY-97	FY-98	FY-99			
CONTRACT-DATE (QTR/FY)	2/96		4/97					
DELIVERY-DATE (QTR/FY)	2/97		1/98					
INSTALLATION SCHEDULE:	FY-95		FY-96		FY-97		FY-98	
QUARTERS	1 2 3 4		1 2 3 4		1 2 3 4		1 2 3 4	1 2 3 4
INPUT					1 1		1 3 3 2	
OUTPUT					1 1		1 3 3 2	

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*** UNCLASSIFIED ***

DATE 01/26/98

MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB

MODIFICATION TITLE AND NO: INMARSAT AND SATCOM UPGRADE MN-9605

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC T-43 CLASS P

MODELS OF AIRCRAFT AFFECTED: CT-43

CENTER: OC-ALC

PE 0804742F TEAM PERSO

DESCRIPTION/JUSTIFICATION: Design/procure/nstall/test and provide data for multichannel Inmarsat and Milsat communications upgrades to US
CINCSOUTH aircraft.

AIRCRAFT BREAKDOWN: Active -- 1 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: N/A

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS					1	0.5						
KITS NONRECUR						0.8						
EQUIPMENT					(1)	1.0						
EQUIP NONREC												
CHANGE ORDERS												
DATA						0.3						
SIM/TRAINER												
SUPPORT-EQUIP												
INSTALLATION OF HARDWARE												
FY-98 1 KITS					(1)	1.0						
TOTAL INSTALL QTY/COST					1	1.0						
TOTAL COST (BP-1100)					1	3.6						
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION -- CLS												
INITIAL LEAD TIME -- 3 MONTHS						FOLLOW-ON LEAD TIME -- 0 MONTHS						

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*** UNCLASSIFIED ***

FACT SHEET: T-43 MN-9605 INMARSAT AND SATCOM UPGRADE (CONTINUED)
 PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)								
PROCUREMENT (3010)								
INSTALL KITS							1	0.5
KITS NONRECUR								0.8
EQUIPMENT								1.0
EQUIP NONREC								
CHANGE ORDERS								
DATA								0.3
SIM/TRAINER								
SUPPORT-EQUIP								
INSTALLATION OF HARDWARE								
FY-98 1 KITS							(1)	1.0
TOTAL INSTALL QTY/COST							1	1.0
TOTAL COST (BP-1100)							1	3.6
(TOTALS MAY NOT ADD DUE TO ROUNDING.)								
MILESTONES								
		FY-97	FY-98					
		-----	-----					
CONTRACT-DATE (QTR/FY)			2/98					
DELIVERY-DATE (QTR/FY)			3/98					
INSTALLATION SCHEDULE:		FY-97		FY-98				
QUARTERS	1	2	3	4	1	2	3	4
INPUT							1	
OUTPUT							1	

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UNCLASSIFIED

BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)								DATE FEBRUARY 1998	
APPROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT AF/AIRCRAFT MODIFICATIONS				P-1 ITEM NOMENCLATURE: KC-10A (ATCA)					
	1997	1998	1999	2000	2001	2002	2003		
COST (In Mil)	\$18.353	\$20.367	\$43.710	\$44.962	\$42.766	\$37.432	\$37.691		

This line item funds modifications to the KC-10 aircraft. The three engine KC-10 serves a dual-role by providing both air refueling and strategic airlift support. The aircraft provides air refueling by using both the boom and drogue methods and can carry up to 27 standard 463-L pallets. The primary modification budgeted in FY99 is the Global Air Traffic Management (GATM). Other modifications are budgeted to enhance operational capability while improving flight safety, reliability, and maintainability. The specific modifications budgeted and programmed are below.

CLASS	MOD NR	MODIFICATION TITLE	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	COST TO GO	TOTAL PROG.
P-S	99999A	LOW COST SAFETY MODIFICATIONS		0.1	0.1	0.3	0.5				1.5
		CLASS P-S TOTAL FOR KC-10		0.1	0.1	0.3	0.5				
P	3150	NAVSTAR GLOBAL POSITIONING SYS	14.0	5.1	4.5						61.0
	4301	ENGINE VIBRATION MONITORING SY	0.3								2.3
	4369	REPLACE PYLONS 1&3 FORWARD MOU		3.3	4.1	4.6	3.9	1.2			17.2
	6046	L-BAND SATCOM AND CJTF-C2 COMM	1.2	1.1							10.9
	9702	8.33 KHZ VEH RADIO		2.0	2.8						4.8
	99999S	SERVICE BULLETINS	2.8	1.8	1.8	1.5	1.1	0.1	1.5	4.0	26.1
	99999X	LOW COST MODIFICATIONS		0.2		0.1	0.1				2.8
	SIM-10	SIMULATOR UPGRADE (KC-10)			8.0	7.2	4.7				31.5
	Z88888	REPROGRAMMINGS		0.4							-3.2
	_KK6NQ	GATM MODIFICATIONS			17.1	25.9	23.6	30.2	14.2		111.0
	_NW1RF	NAVIGATION AND SAFETY PII							12.9		12.9
	_OO89R	ADS-B UPGRADE - CNS MODIFI					3.5	2.2	4.1	7.3	17.2
	_VIW7M	EGWPS AND TCAS MODE S MODIFICA		6.3	5.4	5.4	5.4	3.7	5.0		31.1
		CLASS P TOTAL FOR KC-10	18.3	20.3	43.7	44.6	42.3	37.4	37.7	11.3	
		TOTAL FOR KC-10	18.4	20.4	43.7	45.0	42.8	37.4	37.7	11.3	

Totals may not add due to rounding.

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UNCLASSIFIED

*** UNCLASSIFIED ***

DATE 01/26/98

MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE

MODIFICATION TITLE AND NO: NAVSTAR GLOBAL POSITIONING SYSTEM MN-3150

CLC KC-10 CLASS P

MODELS OF AIRCRAFT AFFECTED: ALL

CENTER: OC-ALC

PE 0401219F TEAM MOBIL

DESCRIPTION/JUSTIFICATION: The Navstar Global Positioning system (GPS) is a space based radio navigation system that will provide suitably equipped host vehicles with highly accurate, jam-resistant, three dimensional position, velocity, and time data, worldwide in all weather to improve mission effectiveness.

AIRCRAFT BREAKDOWN: Active -- 59 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: N/A.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS	36	9.2	23	5.5								
KITS NONRECUR		1.0				2.1						
EQUIPMENT	(36)	8.4	(23)	5.2								
EQUIP NONREC		6.3										
CHANGE ORDERS												
DATA		3.7				0.3						
SIM/TRAINER		7.0		3.3								
MISC		1.3										
AIRCRAFT												
INSTALLATION OF HARDWARE												
FY-94 1 KITS	(1)	0.5										
FY-95 17 KITS												
FY-96 18 KITS					(17)	2.7						
FY-97 23 KITS							(27)	4.5				
TOTAL INSTALL QTY/COST	1	0.5			17	2.7	27	4.5	14			
TOTAL COST (BP-1100)	36	37.3	23	14.0		5.1		4.5				
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION -- CLS												
INITIAL LEAD TIME -- 12 MONTHS						FOLLOW-ON LEAD TIME -- 21 MONTHS						

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FACT SHEET: KC-10 MN-3150 NAVSTAR GLOBAL POSITIONING SYSTEM (CONTINUED)
 PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)								
PROCUREMENT (3010)								
INSTALL KITS							59	14.7
KITS NONRECUR								3.1
EQUIPMENT								13.6
EQUIP NONREC								6.3
CHANGE ORDERS								
DATA								4.0
SIM/TRAINER								10.3
MISC								1.3
AIRCRAFT								
INSTALLATION OF HARDWARE								
FY-94 1 KITS							(1)	0.5
FY-95 17 KITS								
FY-96 18 KITS							(17)	2.7
FY-97 23 KITS							(27)	4.5
TOTAL INSTALL QTY/COST							59	7.7
TOTAL COST (BP-1100)							59	61.0
(TOTALS MAY NOT ADD DUE TO ROUNDING.)								

MILESTONES

	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01
CONTRACT-DATE (QTR/FY)	2/94	2/95	2/96	2/97				
DELIVERY-DATE (QTR/FY)	2/95	1/97	1/98	1/99				

INSTALLATION SCHEDULE:

	FY-94				FY-95				FY-96				FY-97				FY-98			
QUARTERS	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
INPUT					1												1	4	6	6
OUTPUT																	1	1	4	6

INSTALLATION SCHEDULE:

	FY-99				FY-00				FY-01			
QUARTERS	1	2	3	4	1	2	3	4	1	2	3	4
INPUT	6	6	6	6	6	5	5	1				
OUTPUT	6	6	6	6	6	6	5	5	1			

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DATE 01/26/98

MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB

MODIFICATION TITLE AND NO: REPLACE PYLONS 1&3 FORWARD MOUNT TRUSS ASSEMBLIE MN-4369

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC KC-10 CLASS P

MODELS OF AIRCRAFT AFFECTED: KC-10A

CENTER: OC-ALC

PE 0401219F TEAM MOBIL

DESCRIPTION/JUSTIFICATION: Replacement of the KC-10 wing engine pylon with an improved updated engine mount truss fitting less prone to stress cracking. (REF: AIRWORTHINESS DIRECTIVE 91-07-15, ALERT SERVICE BULLETIN 54-99) If not corrected, cracks could result in loss of structural integrity of the wing engine forward mount truss fitting and eventual separation of the engine.

AIRCRAFT BREAKDOWN: Active -- 45 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: N/A.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01		
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	
RDT&E (3600)													
PROCUREMENT (3010)													
INSTALL KITS					12	3.3	11	2.9	12	3.3	10	2.7	
KITS NONRECUR													
EQUIPMENT													
EQUIP NONREC						0.1							
CHANGE ORDERS													
DATA										0.2			
SIM/TRAINER													
SUPPORT-EQUIP													
INSTALLATION OF HARDWARE													
FY-98 12 KITS													
FY-99 11 KITS							(12)	1.2					
FY-00 12 KITS									(11)	1.2			
FY-01 10 KITS											(12)	1.2	
TOTAL INSTALL QTY/COST								12	1.2	11	1.2	12	1.2
TOTAL COST (BP-1100)					12	3.3	11	4.1	12	4.6	10	3.9	
(TOTALS MAY NOT ADD DUE TO ROUNDING.)													
METHOD OF IMPLEMENTATION: INSTALLATION -- CLS													
INITIAL LEAD TIME -- 14 MONTHS					FOLLOW-ON LEAD TIME -- 14 MONTHS								

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FACT SHEET: KC-10 MN-4369 REPLACE PYLONS 1&3 FORWARD MOUNT TRUSS ASSEMBLIE (CONTINUED)
 PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)								
PROCUREMENT (3010)								
INSTALL KITS							45	12.1
KITS NONRECUR								
EQUIPMENT								
EQUIP NONREC								0.1
CHANGE ORDERS								
DATA								0.2
SIM/TRAINER		0.2						0.2
SUPPORT-EQUIP								
INSTALLATION OF HARDWARE								
FY-98 12 KITS							(12)	1.2
FY-99 11 KITS							(11)	1.2
FY-00 12 KITS							(12)	1.2
FY-01 10 KITS								
TOTAL INSTALL QTY/COST	10	1.1					45	4.7
TOTAL COST (BP-1100)		1.2					45	17.2
(TOTALS MAY NOT ADD DUE TO ROUNDING.)								

MILESTONES

	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02
CONTRACT-DATE (QTR/FY)		2/98	1/99	1/00	1/01	
DELIVERY-DATE (QTR/FY)		2/99	1/00	1/01	1/02	

INSTALLATION SCHEDULE:

	FY-97				FY-98				FY-99				FY-00				FY-01			
QUARTERS	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
INPUT									4	4	4	3	2	3	3	3	3	3	3	3
OUTPUT									4	4	4	3	2	3	3	3	3	3	3	3

INSTALLATION SCHEDULE:

	FY-02			
QUARTERS	1	2	3	4
INPUT	3	3	3	1
OUTPUT	3	3	3	1

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MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB

MODIFICATION TITLE AND NO: L-BAND SATCOM AND CJTF-C2 COMM UPGRADE MN-6046

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC KC-10 CLASS P

MODELS OF AIRCRAFT AFFECTED: ALL

CENTER: OC-ALC

PE 0401219F TEAM MOBIL

DESCRIPTION/JUSTIFICATION: Commercially available AERO-C SATCOM system will provide the capability for direct communications and control for the KC-10. Upgrade of nine KC-10s to support CJTF-C2 Comm capabilities will be accomplished at a contractor support facility.

AIRCRAFT BREAKDOWN: Active -- 59 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: N/A

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS	59	1.8										
KITS NONRECUR												
EQUIPMENT	(59)	3.5										
EQUIP NONREC												
CHANGE ORDERS												
DATA		0.5										
SIM/TRAINER												
SUPPORT-EQUIP		1.7										
INSTALLATION OF HARDWARE												
FY-96 59 KITS	(3)	1.2	(3)	1.2	(3)	1.1						
TOTAL INSTALL QTY/COST	3	1.2	3	1.2	3	1.1						
TOTAL COST (BP-1100)	59	8.6		1.2		1.1						
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION -- COMBINATION												
INITIAL LEAD TIME -- 2 MONTHS						FOLLOW-ON LEAD TIME -- 0 MONTHS						

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FACT SHEET: KC-10 MN-6046 L-BAND SATCOM AND CJTF-C2 COMM UPGRADE (CONTINUED)
 PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)								
PROCUREMENT (3010)								
INSTALL KITS							59	1.8
KITS NONRECUR								
EQUIPMENT								3.5
EQUIP NONREC								
CHANGE ORDERS								
DATA								0.5
SIM/TRAINER								
SUPPORT-EQUIP								1.7
INSTALLATION OF HARDWARE								
FY-96 59 KITS							(9)	3.5
TOTAL INSTALL QTY/COST							9	3.5
TOTAL COST (BP-1100)							59	10.9
(TOTALS MAY NOT ADD DUE TO ROUNDING.)								
MILESTONES								
	FY-96	FY-97	FY-98					
CONTRACT-DATE (QTR/FY)	1/96							
DELIVERY-DATE (QTR/FY)	1/96							
INSTALLATION SCHEDULE:	FY-96		FY-97		FY-98			
QUARTERS	1 2 3 4		1 2 3 4		1 2 3 4			
INPUT			3 3			3 3		
OUTPUT			3 3			3 3		

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MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB

MODIFICATION TITLE AND NO: 8.33 KHZ VFH RADIO MN-9702

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC KC-10 CLASS P

MODELS OF AIRCRAFT AFFECTED: KC-10

CENTER: OC-ALC

PE 0401219F TEAM MOBIL

DESCRIPTION/JUSTIFICATION: To relieve the VHF spectrum congestion in Europe, channel spacing will be reduced to 8.33KHZ. Effective 1 JAN 99, all aircraft operating in airspace for which the 8.33KHZ channel spacing has been mandated, must have VHF radios capable of operating at the mandated spacing. Two 8.33KHZ radios with GATM growth capabilities are required for operation under instrument flight rules (IFR) under a general requirement of the European Joint Aviation Authorities. Off-the-shelf system VHF/FM 8.33KHZ will be used/integrated.

AIRCRAFT BREAKDOWN: Active -- 59 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: N/A.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS					22	0.1	37	0.1				
KITS NONRECUR						0.3						
EQUIPMENT					(22)	1.3	(37)	2.2				
EQUIP NONREC												
CHANGE ORDERS												
DATA						0.1						
SIM/TRAINER						0.3						
SUPPORT-EQUIP												
AIRCRAFT												
INSTALLATION OF HARDWARE												
FY-98 22 KITS					(2)		(57)	0.4				
FY-99 37 KITS												
TOTAL INSTALL QTY/COST						2		57	0.4			
TOTAL COST (BP-1100)						22	2.0	37	2.8			
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION -- CLS												
INITIAL LEAD TIME -- 6 MONTHS						FOLLOW-ON LEAD TIME -- 6 MONTHS						

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FACT SHEET: KC-10 MN-9702 8.33 KHZ VFH RADIO
 PROJECTED FINANCIAL PLAN (CONTINUED)

(CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)								
PROCUREMENT (3010)								
INSTALL KITS							59	0.2
KITS NONRECUR								0.3
EQUIPMENT								3.5
EQUIP NONREC								
CHANGE ORDERS								
DATA								0.1
SIM/TRAINER								0.3
SUPPORT-EQUIP								
AIRCRAFT								0.0
INSTALLATION OF HARDWARE								
FY-98 22 KITS							(59)	0.4
FY-99 37 KITS								
TOTAL INSTALL QTY/COST							59	0.4
TOTAL COST (BP-1100)							59	4.8
(TOTALS MAY NOT ADD DUE TO ROUNDING.)								

MILESTONES

	FY-97	FY-98	FY-99
CONTRACT-DATE (QTR/FY)	2/97	2/98	1/99
DELIVERY-DATE (QTR/FY)	3/97	4/98	3/99

INSTALLATION SCHEDULE:	FY-97				FY-98				FY-99				
QUARTERS	1	2	3	4	1	2	3	4	1	2	3	4	
INPUT									2	10	10	18	19
OUTPUT									2	10	10	18	19

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MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE

MODIFICATION TITLE AND NO: SIMULATOR UPGRADE (KC-10) MN-SIM-10

CLC KC-10 CLASS P

MODELS OF AIRCRAFT AFFECTED: KC-10

CENTER: OO-ALC

PE 0401897F TEAM MOBIL

DESCRIPTION/JUSTIFICATION: Modify the KC-10 simulators (4) and boom operator trainers (2) with new computers, linkage, digital communications, & aural cues, visual system & controls. Also modify the KC-10 simulators with automatic communications processor, & HAVE QUICK II & control loading. Part of 3-phased simulator upgrade program encompassing C-141, C-5, KC-10, and KC-135 simulators with a new, state-of-the-art visual system and motion base. These upgrade efforts will allow AMC to move flying proficiency training from the more expensive aircraft to the simulator. Projected savings across all weapon systems when the upgrade is complete is approximately \$34M. This program supports AMC C-MNS 001-93, MNS AMC 021-93, and ORD AMC 021-93 I/II/III (FY97-99). Cock Pit Procedure Trainers (2) upgrade adds control loading and visual display systems to enable the migration of lower value training tasks from the WST to the CPT (FY01).

AIRCRAFT BREAKDOWN: Active -- 4 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: None required.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS												
KITS NONRECUR								1.0				1.1
EQUIPMENT							(2)	6.5		(2)		0.8
EQUIP NONREC												
CHANGE ORDERS												
DATA								0.5				1.2
SIM/TRAINER	(10)	11.6										
SUPPORT-EQUIP												
INSTALLATION OF HARDWARE												
TOTAL INSTALL QTY/COST									2	7.2	2	1.7
TOTAL COST (BP-1100)		11.6						8.0		7.2		4.7
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION:	INSTALLATION -- CONTRACTOR FACILITY											
	INITIAL LEAD TIME -- 12 MONTHS						FOLLOW-ON LEAD TIME -- 9 MONTHS					

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FACT SHEET: KC-10 MN-SIM-10 SIMULATOR UPGRADE (KC-10) (CONTINUED)
 PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL						
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT					
RDT&E (3600)													
PROCUREMENT (3010)													
INSTALL KITS													
KITS NONRECUR													2.1
EQUIPMENT													7.3
EQUIP NONREC													
CHANGE ORDERS													
DATA													1.6
SIM/TRAINER													11.6
SUPPORT-EQUIP													
INSTALLATION OF HARDWARE													
TOTAL INSTALL QTY/COST								4					8.9
TOTAL COST (BP-1100)													31.5
(TOTALS MAY NOT ADD DUE TO ROUNDING.)													
MILESTONES													
	FY-92	FY-93	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02		
CONTRACT-DATE (QTR/FY)								2/99		1/01			
DELIVERY-DATE (QTR/FY)								2/00		4/01			
INSTALLATION SCHEDULE:	FY-97			FY-98			FY-99		FY-00			FY-01	
QUARTERS	1 2 3 4		1 2 3 4		1 2 3 4		1 2 3 4		1 2 3 4		1 2 3 4		
INPUT								2					2
OUTPUT										2			
INSTALLATION SCHEDULE:	FY-02												
QUARTERS	1 2 3 4												
INPUT													
OUTPUT	2												

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MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB

MODIFICATION TITLE AND NO: GATM MODIFICATIONS MN-KK6NQ

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC KC-10 CLASS P

MODELS OF AIRCRAFT AFFECTED: KC-10

CENTER: OC-ALC

PE 0401219F TEAM MOBIL

DESCRIPTION/JUSTIFICATION: Global Air Traffic Management (GATM) is based upon evolving Communication, Navigation and Surveillance (CNS) and Free Flight concepts. Key elements of its architecture are Dual MMR (Multi-Mode Receiver), Dual CMU (Communications Management Unit), Communication Datalinks (HF, VHF, SATCOM).
- Communication: Data Link to augment / replace voice.
- Navigation: Fully integrated GPS and advanced flight management systems.
- Surveillance: Automatic aircraft position reporting (enroute & oceanic).

DEVELOPMENT STATUS:

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS							1	0.3	12	3.3	22	6.1
KITS NONRECUR								7.1				
EQUIPMENT							(1)	0.6	(12)	7.3	(22)	13.5
EQUIP NONREC								1.3				
CHANGE ORDERS								0.3				
DATA								1.5				
SIM/TRAINER								5.8	14.5			
SUPPORT-EQUIP												
AIRCRAFT								0.3				
INSTALLATION OF HARDWARE												
FY-99 1 KITS												
FY-00 12 KITS									(1)	0.8		
FY-01 22 KITS											(12)	4.0
FY-02 24 KITS												
TOTAL INSTALL QTY/COST										1	0.8	12 4.0
TOTAL COST (BP-1100)								1	17.1	12	25.9	22 23.6
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION -- CLS												
INITIAL LEAD TIME -- 18 MONTHS						FOLLOW-ON LEAD TIME -- 12 MONTHS						

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FACT SHEET: KC-10 MN-KK6NQ GATM MODIFICATIONS (CONTINUED)
 PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)								
PROCUREMENT (3010)								
INSTALL KITS	24	6.5					59	16.2
KITS NONRECUR								7.1
EQUIPMENT	(24)	14.6						36.0
EQUIP NONREC								1.3
CHANGE ORDERS				0.3				0.6
DATA				0.3				1.8
SIM/TRAINER		1.8		4.9				27.0
SUPPORT-EQUIP				0.8				0.8
AIRCRAFT								0.3
INSTALLATION OF HARDWARE								
FY-99 1 KITS								
FY-00 12 KITS							(1)	0.8
FY-01 22 KITS							(12)	4.0
FY-02 24 KITS	(22)	7.3					(22)	7.3
TOTAL INSTALL QTY/COST	22	7.3	24	8.0			59	20.0
TOTAL COST (BP-1100)	24	30.2		14.2			59	111.0

(TOTALS MAY NOT ADD DUE TO ROUNDING.)

MILESTONES

	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	FY-04
CONTRACT-DATE (QTR/FY)			2/99	2/00	1/01	1/02	1/03	
DELIVERY-DATE (QTR/FY)			3/00	2/01	4/01	4/02	4/03	

INSTALLATION SCHEDULE:	FY-97				FY-98				FY-99				FY-00				FY-01				
QUARTERS	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	
INPUT															1				3	4	5
OUTPUT																1				3	4

INSTALLATION SCHEDULE:	FY-02				FY-03				FY-04			
QUARTERS	1	2	3	4	1	2	3	4	1	2	3	4
INPUT	5	6	5	6	6	6	6	6				
OUTPUT	5	5	6	5	6	6	6	6	6			

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MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB

MODIFICATION TITLE AND NO: EGWPS AND TCAS MODE S MODIFICATIONS MN_VIW7M

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC KC-10 CLASS P

MODELS OF AIRCRAFT AFFECTED: KC-10

CENTER: OC-ALC

PE 0401219F TEAM MOBIL

DESCRIPTION/JUSTIFICATION: Traffic Alerting and Collision Avoidance Systems (TCAS Mode S) - consists of a directional antenna, master computer, link to the transponder and produces resolution advisory (RA) directing an aircraft maneuver, thus ensuring altitude separation at the closest point of approach. Displays a basic radar like picture of other transponder equipped aircraft's location and altitude relative to yours. The MODE S portion is an airborne digital data link which permits selective interrogation. Enhanced Ground Proximity Warning System (EGPWS) provides a detailed map of the terrain in the vicinity. Using an existing navigation system, such as GPS, the aircraft's position is correlated with a database-driven terrain map which provides the pilot with real time awareness of the aircraft's position. NAV SAFETY PHASE II

DEVELOPMENT STATUS:

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01		
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	
RDT&E (3600)													
PROCUREMENT (3010)													
INSTALL KITS					3	0.1	5	0.2	10	0.5	10	0.5	
KITS NONRECUR						1.3		0.2					
EQUIPMENT					(3)	1.0	(5)	1.7	(10)	3.4	(10)	3.4	
EQUIP NONREC						0.5							
CHANGE ORDERS						0.1							
DATA						0.2							
SIM/TRAINER						3.0		2.5		0.9		0.3	
SUPPORT-EQUIP								0.3					
INSTALLATION OF HARDWARE													
FY-98 3 KITS													
FY-99 5 KITS							(3)	0.4					
FY-00 10 KITS									(5)	0.6			
FY-01 10 KITS											(10)	1.3	
FY-02 6 KITS													
FY-03 11 KITS													
FY-04 14 KITS													
TOTAL INSTALL QTY/COST								3	0.4	5	0.6	10	1.3
TOTAL COST (BP-1100)					3	6.3	5	5.4	10	5.4	10	5.4	
(TOTALS MAY NOT ADD DUE TO ROUNDING.)													
METHOD OF IMPLEMENTATION: INSTALLATION -- CLS													
INITIAL LEAD TIME -- 12 MONTHS						FOLLOW-ON LEAD TIME -- 12 MONTHS							

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FACT SHEET: KC-10 MN-_VIW7M EGWPS AND TCAS MODE S MODIFICATIONS (CONTINUED)
 PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)								
PROCUREMENT (3010)								
INSTALL KITS	6	0.3	11	0.5	14		59	2.1
KITS NONRECUR								1.5
EQUIPMENT	(6)	2.0	(11)	3.7	(14)			15.3
EQUIP NONREC								0.5
CHANGE ORDERS								0.1
DATA		0.1						0.3
SIM/TRAINER								6.7
SUPPORT-EQUIP								0.3
INSTALLATION OF HARDWARE								
FY-98 3 KITS							(3)	0.4
FY-99 5 KITS							(5)	0.6
FY-00 10 KITS							(10)	1.3
FY-01 10 KITS							(10)	1.3
FY-02 6 KITS	(10)	1.3					(10)	1.3
FY-03 11 KITS			(6)	0.8			(6)	0.8
FY-04 14 KITS					(11)		(11)	
TOTAL INSTALL QTY/COST	10	1.3	6	0.8	25		59	4.3
TOTAL COST (BP-1100)	6	3.7	11	5.0	14		59	31.1

(TOTALS MAY NOT ADD DUE TO ROUNDING.)

MILESTONES

	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	FY-04	FY-05
CONTRACT-DATE (QTR/FY)		2/98	1/99	1/00	1/01	1/02	1/03	1/04	
DELIVERY-DATE (QTR/FY)		1/99	1/00	1/01	1/02	1/03	1/04	1/05	
INSTALLATION SCHEDULE:	FY-97		FY-98		FY-99		FY-00		FY-01
QUARTERS	1 2 3 4		1 2 3 4		1 2 3 4		1 2 3 4		1 2 3 4
INPUT					1 1 1		1 2 1 1		2 3 2 3
OUTPUT					1 1 1		1 2 1 1		2 3 2 3
INSTALLATION SCHEDULE:	FY-02		FY-03		FY-04		FY-05		
QUARTERS	1 2 3 4		1 2 3 4		1 2 3 4		1 2 3 4		
INPUT	2 3 2 3		2 1 2 1		2 3 3 3		3 4 3 4		
OUTPUT	2 3 2 3		2 1 2 1		2 3 3 3		3 4 3 4		

UNCLASSIFIED

BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)								DATE FEBRUARY 1998	
APPROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT AF/AIRCRAFT MODIFICATIONS					P-1 ITEM NOMENCLATURE: C-12				
	1997	1998	1999	2000	2001	2002	2003		
COST (In Mil)	\$11.023	\$4.575	\$3.820	\$2.568	\$1.616	\$0.436	\$0.427		

This line item funds modifications to the C-12 aircraft, commercial equivalent Beech Craft Super King Air. The C-12 is a twin-turboprop, support-airlift aircraft used to transport cargo and passengers. The primary modification budgeted in FY99 is the Traffic Alert & Collision Avoidance System (TCAS). Other modifications are budgeted to enhance operational capability while improving flight safety, reliability, and maintainability. The specific modifications budgeted and programmed are below.

CLASS	MOD NR	MODIFICATION TITLE	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	COST TO GO	TOTAL PROG.
P	3149F	FLIGHT DATA RECORDER & COCKPIT		0.5							2.6
	3149T	TRAFFIC ALERT & COLLISON AVOID	2.4	2.6	1.6	0.2					6.8
	3150	NAVSTAR GLOBAL POSITIONING SYS	6.8	0.2							9.2
	99999S	SERVICE BULLETINS	1.6	1.0	1.2	0.7	0.1	0.3	0.3	0.3	5.8
	99999X	LOW COST MODIFICATIONS	0.2	0.2	0.1	0.1		0.1	0.1	0.1	1.9
	EGPWS	ENHANCED GROUND PROXIMITY WARN			1.0	1.6	1.5				4.0
	Z88888	REPROGRAMMINGS		0.1							0.1
	CLASS P	TOTAL FOR C-12	11.0	4.6	3.8	2.6	1.6	0.4	0.4	0.4	
	TOTAL FOR C-12		11.0	4.6	3.8	2.6	1.6	0.4	0.4	0.4	

Totals may not add due to rounding.

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*** UNCLASSIFIED ***

DATE 01/26/98

MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB

MODIFICATION TITLE AND NO: TRAFFIC ALERT & COLLISION AVOIDANCE SYSTEM MN-3149T

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC C-12 CLASS P

MODELS OF AIRCRAFT AFFECTED: C-12, DV AIRCRAFT

CENTER: OC-ALC

PE 0401314F TEAM MOBIL

DESCRIPTION/JUSTIFICATION: The Navigation and Safety Upgrade program combines the C-12 Navigation and Safety upgrades on Air Force aircraft designated for DV passenger missions. The Traffic Alert and Collision Avoidance System (TCAS) will provide a display for inbound aircraft traffic and provides both visual display corrective action and audible warning. The modification is IAW SECDEF 26 Apr 96 letter requiring "navigation and safety upgrades for the Operational Support Airlift (OSA), Defense Attache and Security Assistance aircraft. The modification consist of Bendix King CAS 66A TCAS I system. This modification could be upgraded at some future time to TCAS II.

AIRCRAFT BREAKDOWN: Active -- 34 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: N/A.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS			10	1.0	13	1.2	11	0.5				
KITS NONRECUR												
EQUIPMENT			(10)	1.0	(13)	1.2	(11)	0.5				
EQUIP NONREC												
CHANGE ORDERS												
DATA				0.4								
SIM/TRAINER												
SUPPORT-EQUIP												
INSTALLATION OF HARDWARE												
FY-97 10 KITS					(10)	0.3						
FY-98 13 KITS							(18)	0.6				
FY-99 11 KITS									(6)	0.2		
TOTAL INSTALL QTY/COST					10	0.3	18	0.6	6	0.2		
TOTAL COST (BP-1100)			10	2.4	13	2.6	11	1.6		0.2		
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION -- CONTRACT FIELD TEAM												
INITIAL LEAD TIME -- 6 MONTHS						FOLLOW-ON LEAD TIME -- 3 MONTHS						

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*** UNCLASSIFIED ***

FACT SHEET: C-12 MN-3149T TRAFFIC ALERT & COLLISION AVOIDANCE SYSTEM (CONTINUED)
 PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)								
PROCUREMENT (3010)								
INSTALL KITS							34	2.7
KITS NONRECUR								
EQUIPMENT								2.7
EQUIP NONREC								
CHANGE ORDERS								
DATA								0.4
SIM/TRAINER								
SUPPORT-EQUIP								
INSTALLATION OF HARDWARE								
FY-97 10 KITS							(10)	0.3
FY-98 13 KITS							(18)	0.6
FY-99 11 KITS							(6)	0.2
TOTAL INSTALL QTY/COST							34	1.1
TOTAL COST (BP-1100)							34	6.8
(TOTALS MAY NOT ADD DUE TO ROUNDING.)								
MILESTONES								

	FY-97	FY-98	FY-99	FY-00
CONTRACT-DATE (QTR/FY)	3/97	2/98	2/99	
DELIVERY-DATE (QTR/FY)	1/98	3/98	3/99	

INSTALLATION SCHEDULE:	FY-97				FY-98				FY-99				FY-00			
QUARTERS	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
INPUT					1	3	3	3	5	5	4	4	3	3		
OUTPUT						1	3	3	3	5	5	4	4	3	3	

*** UNCLASSIFIED ***

DATE 01/26/98

MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB

MODIFICATION TITLE AND NO: NAVSTAR GLOBAL POSITIONING SYSTEM MN-3150

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC C-12 CLASS P

MODELS OF AIRCRAFT AFFECTED: C-12

CENTER: OC-ALC

PE 0401314F TEAM MOBIL

DESCRIPTION/JUSTIFICATION: The NAVSTAR Global Positioning System (GPS) is a space based radio navigation system that will provide highly accurate, jam resistant, three dimensional position, velocity and time data, worldwide in all weather to improve mission effectiveness. Supports procurement of navigation and safety upgrades on Operational Support Airlift (OSA), Defense Attache and Security Assistance aircraft. Accelerates GPS integration and installation of user equipment kits on all C-12 aircraft. Completion of 34 aircraft in FY98. Equipment to be installed is the Interstate Electronics 9002M GPS/FMS navigation system.

AIRCRAFT BREAKDOWN: Active -- 34 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: None. No RDT&E required.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS	3	0.4	30	1.3								
KITS NONRECUR EQUIPMENT	(3)	1.4	(30)	5.5								
EQUIP NONREC CHANGE ORDERS												
DATA		0.4										
SIM/TRAINER SUPPORT-EQUIP												
INSTALLATION OF HARDWARE												
FY-95 2 KITS			(2)	0.1								
FY-96 1 KITS			(1)									
FY-97 30 KITS					(30)	0.2						
TOTAL INSTALL QTY/COST			3	0.1	30	0.2						
TOTAL COST (BP-1100)	3	2.2	30	6.8		0.2						
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION -- CONTRACT FIELD TEAM												
INITIAL LEAD TIME -- 6 MONTHS					FOLLOW-ON LEAD TIME -- 3 MONTHS							

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*** UNCLASSIFIED ***

FACT SHEET: C-12 MN-3150 NAVSTAR GLOBAL POSITIONING SYSTEM (CONTINUED)
 PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)								
PROCUREMENT (3010)								
INSTALL KITS							33	1.7
KITS NONRECUR								
EQUIPMENT								6.8
EQUIP NONREC								
CHANGE ORDERS								
DATA								0.4
SIM/TRAINER								
SUPPORT-EQUIP								
INSTALLATION OF HARDWARE								
FY-95 2 KITS							(2)	0.1
FY-96 1 KITS							(1)	0.0
FY-97 30 KITS							(30)	0.2
TOTAL INSTALL QTY/COST							33	0.3
TOTAL COST (BP-1100)							33	9.2

(TOTALS MAY NOT ADD DUE TO ROUNDING.)

MILESTONES

	FY-95	FY-96	FY-97	FY-98
CONTRACT-DATE (QTR/FY)	3/96		4/97	
DELIVERY-DATE (QTR/FY)	1/97		1/98	

INSTALLATION SCHEDULE:	FY-95				FY-96				FY-97				FY-98			
QUARTERS	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
INPUT								1					2	30		
OUTPUT								1					1	2	15	15

UNCLASSIFIED

BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)							DATE FEBRUARY 1998	
APPROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT AF/AIRCRAFT MODIFICATIONS				P-1 ITEM NOMENCLATURE: C-18				
	1997	1998	1999	2000	2001	2002	2003	
COST (In Mil)	\$1.079	\$0.266	\$0.354	\$0.358	\$0.366	\$0.875	\$0.855	

This line item funds modifications to the C-18 aircraft. The C-18, a modified Boeing 707, is a long range, four engine, jet transport aircraft. The C-18 is used to support Space and Missile Missions. The overall goal of modifications budgeted in FY99 is to fund service bulletins necessary for FAA certification while improving flight safety, reliability, and maintainability. The specific modifications budgeted and programmed are below.

CLASS	MOD NR	MODIFICATION TITLE	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	COST TO GO	TOTAL PROG.
P	3150	NAVSTAR GLOBAL POSITIONING SYS	1.1								5.2
	99999S	SERVICE BULLETINS		0.2	0.3	0.3	0.3	0.8	0.8	0.8	3.3
	99999X	LOW COST MODIFICATIONS		0.1	0.1	0.1	0.1	0.1	0.1	0.1	5.1
		CLASS P TOTAL FOR C-18	1.1	0.3	0.4	0.4	0.4	0.9	0.9	0.9	
		TOTAL FOR C-18	1.1	0.3	0.4	0.4	0.4	0.9	0.9	0.9	

Totals may not add due to rounding.

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UNCLASSIFIED

BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)								DATE FEBRUARY 1998	
APPROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT AFA/AIRCRAFT MODIFICATIONS					P-1 ITEM NOMENCLATURE: C-20 MODS				
	1997	1998	1999	2000	2001	2002	2003		
COST (In Mil)	\$0.959	\$8.246	\$6.610	\$3.818	\$10.932	\$10.716	\$7.528		

This line item funds modifications to the C-20 aircraft, commercial equivalent Gulfstream III/IV. The C-20 aircraft is a twin-engine, turbofan aircraft used to airlift DoD officials and high-ranking government personnel over long distances (3,000 miles and greater). The primary modification budgeted in FY99 is the Traffic Alert and Collision Avoidance System (TCAS). Other modifications are funded to enhance operational capability while improving flight safety, reliability, and maintainability. The specific modifications budgeted and programmed are below.

CLASS	MOD NR	MODIFICATION TITLE	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	COST TO GO	TOTAL PROG.
P	3149T	TRAFFIC ALERT & COLLISON AVOID		0.8	2.7						4.3
	3150	NAVSTAR GLOBAL POSITIONING SYS	0.3	3.3	3.2						19.9
	9709	GLOBAL AIR TRAFFIC MANAGEMENT				0.2	5.7	4.2	6.8	7.9	24.7
	99999S	SERVICE BULLETINS	0.4	1.4	0.4	0.4	0.4	0.4	0.6		4.4
	99999X	LOW COST MODIFICATIONS	0.3	0.9	0.1	0.1	0.1	0.1	0.1		3.9
	EGPWS	ENHANCED GROUND PROXIMITY WARN		1.7	0.2	3.1	4.8	6.0			15.9
	Z88888	REPROGRAMMINGS		0.2							0.2
	CLASS P	TOTAL FOR C-20	1.0	8.2	6.6	3.8	10.9	10.7	7.5	7.9	
	TOTAL FOR C-20		1.0	8.2	6.6	3.8	10.9	10.7	7.5	7.9	

Totals may not add due to rounding.

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*** UNCLASSIFIED ***

DATE 01/26/98

MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC C-20 CLASS P

MODIFICATION TITLE AND NO: TRAFFIC ALERT & COLLISION AVOIDANCE SYSTEM MN-3149T

MODELS OF AIRCRAFT AFFECTED: C-20, DV AIRCRAFT

CENTER: OC-ALC

PE 0401314F TEAM MOBIL

DESCRIPTION/JUSTIFICATION: The Traffic Alert and Collision Avoidance System (TCAS) II with mode "S" will provide a display for inbound aircraft traffic and provides both a visual display for corrective action and audible warning. FAA mandated all transport category aircraft be modified with TCAS. All civilian transport aircraft are modified with TCAS for air traffic control to prevent a possible aircraft mishap.

AIRCRAFT BREAKDOWN: Active -- 8 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: N/A.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS	2	0.1			2	0.2	4	0.3				
KITS NONRECUR		0.3										
EQUIPMENT	(2)	0.3			(2)	0.3	(4)	0.7				
EQUIP NONREC												
CHANGE ORDERS												
DATA						0.2		0.9				
SIM/TRAINER												
SUPPORT-EQUIP												
INSTALLATION OF HARDWARE												
FY-96 2 KITS	(2)	0.1										
FY-98 2 KITS					(2)	0.1						
FY-99 4 KITS							(4)	0.9				
TOTAL INSTALL QTY/COST	2	0.1			2	0.1	4	0.9				
TOTAL COST (BP-1100)	2	0.8			2	0.8	4	2.7				
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT												
INITIAL LEAD TIME -- 24 MONTHS						FOLLOW-ON LEAD TIME -- 4 MONTHS						

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*** UNCLASSIFIED ***

FACT SHEET: C-20 MN-3149T TRAFFIC ALERT & COLLISION AVOIDANCE SYSTEM (CONTINUED)
 PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)								
PROCUREMENT (3010)								
INSTALL KITS							8	0.6
KITS NONRECUR								0.3
EQUIPMENT								1.3
EQUIP NONREC								
CHANGE ORDERS								
DATA								1.1
SIM/TRAINER								
SUPPORT-EQUIP								
INSTALLATION OF HARDWARE								
FY-96 2 KITS							(2)	0.1
FY-98 2 KITS							(2)	0.1
FY-99 4 KITS							(4)	0.9
TOTAL INSTALL QTY/COST							8	1.1
TOTAL COST (BP-1100)							8	4.3
(TOTALS MAY NOT ADD DUE TO ROUNDING.)								

MILESTONES

	FY-96	FY-97	FY-98	FY-99
CONTRACT-DATE (QTR/FY)	1/96		1/98	1/99
DELIVERY-DATE (QTR/FY)	1/98		2/98	2/99

INSTALLATION SCHEDULE:	FY-96				FY-97				FY-98				FY-99			
QUARTERS	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
INPUT										2	1	1		2		
OUTPUT										2	1	1		2		2

*** UNCLASSIFIED ***

DATE 01/26/98

MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE

MODIFICATION TITLE AND NO: NAVSTAR GLOBAL POSITIONING SYSTEM MN-3150

CLC C-20 CLASS P

MODELS OF AIRCRAFT AFFECTED: C-20

CENTER: OC-ALC

PE 0401314F TEAM MOBIL

DESCRIPTION/JUSTIFICATION: The modification will install two fully integrated NAVSTAR Global Positioning System (GPS) P-Y code units. Future operations into congested traffic areas and transoceanic flight require GPS. Four prototypes are required due to aircraft avionics differences. Aircraft are scheduled for GPS and TCAS modification concurrently (except 2 C-20H models which has TCAS installed) due to aircraft availability.

AIRCRAFT BREAKDOWN: Active -- 10 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: None. No RDT&E required.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS	4	3.0			2	0.9	4	1.2				
KITS NONRECUR		4.8										
EQUIPMENT	(4)	3.4			(2)	1.2	(4)	1.4				
EQUIP NONREC												
CHANGE ORDERS												
DATA		1.2				0.7						
SIM/TRAINER												
SUPPORT-EQUIP												
OGC				0.3								
INSTALLATION OF HARDWARE												
FY-96 4 KITS	(4)	0.6										
FY-98 2 KITS					(2)	0.5	(4)	0.6				
FY-99 4 KITS												
TOTAL INSTALL QTY/COST	4	0.6			2	0.5	4	0.6				
TOTAL COST (BP-1100)	4	13.1		0.3	2	3.3	4	3.2				
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION -- CLS												
INITIAL LEAD TIME -- 24 MONTHS					FOLLOW-ON LEAD TIME -- 6 MONTHS							

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*** UNCLASSIFIED ***

FACT SHEET: C-20 MN-3150 NAVSTAR GLOBAL POSITIONING SYSTEM (CONTINUED)
 PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL									
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT								
RDT&E (3600)																
PROCUREMENT (3010)																
INSTALL KITS							10	5.1								
KITS NONRECUR								4.8								
EQUIPMENT								6.0								
EQUIP NONREC																
CHANGE ORDERS																
DATA								2.0								
SIM/TRAINER																
SUPPORT-EQUIP																
OGC								0.3								
INSTALLATION OF HARDWARE																
FY-96 4 KITS							(4)	0.6								
FY-98 2 KITS							(6)	1.1								
FY-99 4 KITS																
TOTAL INSTALL QTY/COST							10	1.7								
TOTAL COST (BP-1100)							10	19.9								
(TOTALS MAY NOT ADD DUE TO ROUNDING.)																
MILESTONES																
	FY-95	FY-96	FY-97	FY-98	FY-99											
CONTRACT-DATE (QTR/FY)		2/96		1/98												
DELIVERY-DATE (QTR/FY)		2/98		2/98												
INSTALLATION SCHEDULE:	FY-95	FY-96			FY-97				FY-98				FY-99			
QUARTERS	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4			
INPUT							1 2 1 2									
OUTPUT							1 2 1 2									

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 *** UNCLASSIFIED ***

*** UNCLASSIFIED ***

DATE 01/26/98

MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC C-20 CLASS P

MODIFICATION TITLE AND NO: ENHANCED GROUND PROXIMITY WARNING SYSTEM MN-EGPWS

MODELS OF AIRCRAFT AFFECTED: C-20

CENTER: OC-ALC

PE 0401314F TEAM MOBIL

DESCRIPTION/JUSTIFICATION: The Enhanced Ground Proximity Warning System (EGPWS) will install the enhanced MK-V GPWS (Allied Signal) equipment to provide ground warnings, terrain display, and terrain data base look ahead protection.

AIRCRAFT BREAKDOWN: Active -- 10 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: N/A.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS					1	0.1			1	0.1	4	0.4
KITS NONRECUR							0.2			2.0		
EQUIPMENT					(1)	0.9			(1)	0.9	(4)	4.0
EQUIP NONREC												
CHANGE ORDERS												
DATA												
SIM/TRAINER												
SUPPORT-EQUIP												
INSTALLATION OF HARDWARE												
FY-98 1 KITS												
FY-00 1 KITS								(1)	0.1			
FY-01 4 KITS										(4)	0.4	
FY-02 4 KITS												
TOTAL INSTALL QTY/COST									1	0.1	4	0.4
TOTAL COST (BP-1100)					1	1.7		0.2	1	3.1	4	4.8

(TOTALS MAY NOT ADD DUE TO ROUNDING.)

METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT

INITIAL LEAD TIME -- 12 MONTHS

FOLLOW-ON LEAD TIME -- 6 MONTHS

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*** UNCLASSIFIED ***

FACT SHEET: C-20 MN-EGPWS ENHANCED GROUND PROXIMITY WARNING SYSTEM (CONTINUED)
 PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)								
PROCUREMENT (3010)								
INSTALL KITS	4	0.5					10	1.1
KITS NONRECUR								3.0
EQUIPMENT (4)		5.0						10.8
EQUIP NONREC								
CHANGE ORDERS								
DATA								
SIM/TRAINER								
SUPPORT-EQUIP								
INSTALLATION OF HARDWARE								
FY-98 1 KITS							(1)	0.1
FY-00 1 KITS							(4)	0.4
FY-01 4 KITS							(5)	0.5
FY-02 4 KITS (5)		0.5						
TOTAL INSTALL QTY/COST	5	0.5					10	1.0
TOTAL COST (BP-1100)	4	6.0					10	15.9
(TOTALS MAY NOT ADD DUE TO ROUNDING.)								
MILESTONES								
	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02		
CONTRACT-DATE (QTR/FY)				1/00	1/01	1/02		
DELIVERY-DATE (QTR/FY)				2/00	2/01	2/02		
INSTALLATION SCHEDULE:	FY-97		FY-98		FY-99		FY-00	
QUARTERS	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4
INPUT						1		1 1 2
OUTPUT							1	1 1 1
INSTALLATION SCHEDULE:	FY-02							
QUARTERS	1 2 3 4							
INPUT		3 2						
OUTPUT	2	3 2						

UNCLASSIFIED

BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)							DATE FEBRUARY 1998	
APPROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT AF/AIRCRAFT MODIFICATIONS				P-1 ITEM NOMENCLATURE: VC-25A MOD				
	1997	1998	1999	2000	2001	2002	2003	
COST (In Mil)	\$2.114	\$10.519	\$7.424	\$9.523	\$0.756	\$1.737	\$1.808	

This line item funds modifications to the VC-25 aircraft. The VC-25, a Boeing 747-200B, is a four engine long-range aircraft used for presidential support. The primary modifications budgeted in FY99 is the Global Air Traffic Management System (GATM). Other modifications budgeted enhance operational capability while improving flight safety, reliability, and maintainability. The specific modifications budgeted and programmed are below.

CLASS	MOD NR	MODIFICATION TITLE	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	COST TO GO	TOTAL PROG.
P	3149W	WINDSHEAR WARNING SYSTEM (WWS)	0.2	6.6							10.3
	3150	NAVSTAR GLOBAL POSITIONING SYS	1.2	2.3	4.2						21.2
	9709	GLOBAL AIR TRAFFIC MANAGEMENT			2.6	8.5		0.9	0.9		13.0
	99999S	SERVICE BULLETINS	0.7	1.4	0.5	0.8	0.7	0.7	0.8	0.8	10.9
	99999X	LOW COST MODIFICATIONS			0.1	0.2	0.1	0.1	0.1	0.1	0.7
	Z88888	REPROGRAMMINGS		0.2							0.2
	CLASS P	TOTAL FOR C-25	2.1	10.5	7.4	9.5	0.8	1.7	1.8	0.9	
	TOTAL FOR C-25		2.1	10.5	7.4	9.5	0.8	1.7	1.8	0.9	

Totals may not add due to rounding.

	P-1 SHOPP LIST ITEM NO. 052	PAGE NO.	361
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DATE 01/26/98

MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC C-25 CLASS P

MODIFICATION TITLE AND NO: WINDSHEAR WARNING SYSTEM (WWS) MN-3149W

MODELS OF AIRCRAFT AFFECTED: VC-25

CENTER: OC-ALC

PE 0401314F TEAM MOBIL

DESCRIPTION/JUSTIFICATION: The airborne low-altitude Windshear Warning System (WWS) consists of two independent systems. Phase I, Reactive WWS will provide an audible and visual warning of windshear, when it affects the aircraft. Phase II, Predictive WWS is a forward looking system which detects potentially severe windshear up to five nautical miles away. FAA mandated all transport category aircraft manufactured before 3 Jan 91 to be modified with WWS.
AIRCRAFT BREAKDOWN: Active -- 2 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: N/A.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS	1	1.2			1	2.3						
KITS NONRECUR		0.5										
EQUIPMENT (1)		1.6			(1)	3.3						
EQUIP NONREC												
CHANGE ORDERS												
DATA		0.1		0.2		0.7						
SIM/TRAINER												
SUPPORT-EQUIP												
INSTALLATION OF HARDWARE												
FY-96 1 KITS (1)		0.1										
FY-98 1 KITS					(1)	0.3						
TOTAL INSTALL QTY/COST	1	0.1			1	0.3						
TOTAL COST (BP-1100)	1	3.5		0.2	1	6.6						
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT												
INITIAL LEAD TIME -- 24 MONTHS						FOLLOW-ON LEAD TIME -- 12 MONTHS						

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FACT SHEET: C-25 MN-3149W WINDSHEAR WARNING SYSTEM (WWS) (CONTINUED)
 PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)								
PROCUREMENT (3010)								
INSTALL KITS							2	3.5
KITS NONRECUR								0.5
EQUIPMENT								4.9
EQUIP NONREC								
CHANGE ORDERS								
DATA								1.0
SIM/TRAINER								
SUPPORT-EQUIP								
INSTALLATION OF HARDWARE								
FY-96 1 KITS							(1)	0.1
FY-98 1 KITS							(1)	0.3
TOTAL INSTALL QTY/COST							2	0.4
TOTAL COST (BP-1100)							2	10.3
(TOTALS MAY NOT ADD DUE TO ROUNDING.)								
MILESTONES								
	FY-96	FY-97	FY-98	FY-99				
CONTRACT-DATE (QTR/FY)	1/96		1/98					
DELIVERY-DATE (QTR/FY)	2/98		1/99					
INSTALLATION SCHEDULE:	FY-96		FY-97		FY-98		FY-99	
QUARTERS	1 2 3 4		1 2 3 4		1 2 3 4		1 2 3 4	
INPUT					1		1	
OUTPUT						1		1

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MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE

MODIFICATION TITLE AND NO: NAVSTAR GLOBAL POSITIONING SYSTEM MN-3150

CLC C-25 CLASS P

MODELS OF AIRCRAFT AFFECTED: VC-25A

CENTER: OC-ALC

PE 0401314F TEAM MOBIL

DESCRIPTION/JUSTIFICATION: Modification will install (3) 12 channel Commercial Global Positioning System (GPS) with P-Y coded capability.
The modification will add FMS, reporting ACARS, ADS, CMDU, DME, position reports, oceanic clearances, and replace EFIS-10 displays with new LCD flat panel displays.

AIRCRAFT BREAKDOWN: Active -- 2 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: None. No RDT&E required.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS	1	0.8			1	0.8						
KITS NONRECUR		9.3						2.8				
EQUIPMENT	(1)	1.5			(1)	1.5						
EQUIP NONREC												
CHANGE ORDERS												
DATA		0.1		1.2								
SIM/TRAINER												
SUPPORT-EQUIP												
OGC												
INSTALLATION OF HARDWARE												
FY-96 1 KITS	(1)	1.8										
FY-98 1 KITS							(1)	1.4				
TOTAL INSTALL QTY/COST	1	1.8					1	1.4				
TOTAL COST (BP-1100)	1	13.5		1.2	1	2.3		4.2				
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT												
INITIAL LEAD TIME -- 24 MONTHS						FOLLOW-ON LEAD TIME -- 12 MONTHS						

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FACT SHEET: C-25 MN-3150 NAVSTAR GLOBAL POSITIONING SYSTEM (CONTINUED)
 PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)								
PROCUREMENT (3010)								
INSTALL KITS							2	1.6
KITS NONRECUR								12.1
EQUIPMENT								3.0
EQUIP NONREC								
CHANGE ORDERS								
DATA								1.3
SIM/TRAINER								
SUPPORT-EQUIP								
OGC								
INSTALLATION OF HARDWARE								
FY-96 1 KITS							(1)	1.8
FY-98 1 KITS							(1)	1.4
TOTAL INSTALL QTY/COST							2	3.2
TOTAL COST (BP-1100)							2	21.2
(TOTALS MAY NOT ADD DUE TO ROUNDING.)								

MILESTONES

	FY-96	FY-97	FY-98	FY-99
CONTRACT-DATE (QTR/FY)	4/96		1/98	
DELIVERY-DATE (QTR/FY)	2/98		1/99	

INSTALLATION SCHEDULE:	FY-96				FY-97				FY-98				FY-99			
QUARTERS	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
INPUT									1					1		
OUTPUT											1					1

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DATE 01/26/98

MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE

MODIFICATION TITLE AND NO: GLOBAL AIR TRAFFIC MANAGEMENT (GATM) MN-9709

CLC C-25 CLASS P

MODELS OF AIRCRAFT AFFECTED: VC-25

CENTER: OC-ALC

PE 0401314F TEAM MOBIL

DESCRIPTION/JUSTIFICATION: Modification will install equipment required for FANS 1 software adaptation to the 747-200. The FANS 1 Boeing system will allow AF-1 to navigate on MNPS routes worldwide.

AIRCRAFT BREAKDOWN: Active -- 2 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: Boeing has already adapted software to 747-300 and 400 series aircraft. Modification will adapt software to 747-200 models (VC-25 and E-4B).

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS							2	0.6	2	1.5		
KITS NONRECUR								1.2		4.5		
EQUIPMENT									(1)	2.5		
EQUIP NONREC												
CHANGE ORDERS												
DATA								0.3				
SIM/TRAINER												
SUPPORT-EQUIP												
INSTALLATION OF HARDWARE												
FY-99 2 KITS							(2)	0.5				
FY-00 2 KITS												
TOTAL INSTALL QTY/COST							2	0.5				
TOTAL COST (BP-1100)							2	2.6	2	8.5		
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION -- CLS												
INITIAL LEAD TIME -- 12 MONTHS						FOLLOW-ON LEAD TIME -- 12 MONTHS						

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FACT SHEET: C-25 MN-9709 GLOBAL AIR TRAFFIC MANAGEMENT (GATM) (CONTINUED)
 PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)								
PROCUREMENT (3010)								
INSTALL KITS							4	2.2
KITS NONRECUR								5.7
EQUIPMENT								2.5
EQUIP NONREC								
CHANGE ORDERS								
DATA								0.3
SIM/TRAINER								
SUPPORT-EQUIP								
INSTALLATION OF HARDWARE								
FY-99 2 KITS							(2)	0.5
FY-00 2 KITS								
TOTAL INSTALL QTY/COST	1	0.9	1	0.9			4	2.3
TOTAL COST (BP-1100)		0.9		0.9			4	13.0
(TOTALS MAY NOT ADD DUE TO ROUNDING.)								
MILESTONES								
	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	
CONTRACT-DATE (QTR/FY)			1/99	1/00		1/02		
DELIVERY-DATE (QTR/FY)			1/00	1/02		1/03		
INSTALLATION SCHEDULE:	FY-97		FY-98		FY-99		FY-00	FY-01
QUARTERS	1 2 3 4		1 2 3 4		1 2 3 4		1 2 3 4	1 2 3 4
INPUT							1 1	
OUTPUT							1 1	
INSTALLATION SCHEDULE:	FY-02		FY-03					
QUARTERS	1 2 3 4		1 2 3 4					
INPUT	1		1					
OUTPUT	1		1					

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)								DATE FEBRUARY 1998	
APPROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT AF/AIRCRAFT MODIFICATIONS				P-1 ITEM NOMENCLATURE: C-130					
	1997	1998	1999	2000	2001	2002	2003		
COST (In Mil)	\$97.805	\$129.771	\$119.592	\$150.509	\$123.437	\$88.789	\$115.914		

This line item funds modifications to the C-130 aircraft. The four engine C-130 provides theater airlift and carries either 92 troops, 64 paratroopers, 74 litter patients, or 6 standard 463-L pallets. The overall goal of the modifications budgeted in FY99 is to enhance flight safety while improving reliability and maintainability. The specific modifications budgeted and programmed are below.

CLASS	MOD NR	MODIFICATION TITLE	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	COST TO GO	TOTAL PROG.
P-S	99999A	LOW COST SAFETY MODIFICATIONS					0.1		0.1	4.5	4.7
		CLASS P-S TOTAL FOR C-130					0.1		0.1	4.5	
P	10603A	FLIGHT DATA RECORDER	0.1								5.7
	12603B	APQ-122 RADAR REPLACEMENT	2.9	2.7	1.8						130.5
	17605B	AUTOPILOT/GCAS	29.7	22.8	37.4	54.3	10.4	8.1			259.1
	18600B	ELECTRICAL SYSTEM UPGRADE	16.1	2.6	19.6	26.8	15.1	2.8	0.3		112.3
	18603B	FUEL QTY SYS UPGRADE ON C-130H	2.7	1.9	1.6	1.6	1.5	1.5			18.8
	3150	NAVSTAR GLOBAL POSITIONING SYS	16.2	9.2	2.6	1.2					78.6
	3190	SCNS	4.4	4.4	2.2						347.9
	3353	HF AUTO COMM PROCESSOR (ACP)	2.2	4.4	0.4						42.8
	3455	AIRLIFT DEFENSIVE SYSTEMS	8.9	10.1	10.1	29.8	24.8	9.2	7.5	3.9	157.7
	3587	MICROWAVE LANDING SYS (MLS)	0.3	0.7							33.2
	8109	ARMOR PLATING	0.6	0.4							5.6
	8220	ALR-69 (RWR)	1.2	1.9		3.0	6.0	1.1	23.5	134.5	209.5
	8385	AN/AAQ-22M	0.8								5.4
	8424	AERSPACE RESCUE AND RECOVERY		8.5	14.1						22.6
	8448	BLEED AIR DUCT REPLACEMENT		0.5	0.8	2.2	1.5	0.9			5.9
	8455	INSTALLATION OF AN/APN-241, SA	7.2	0.6							7.8
	8517	AVIONICS UPGRADE		2.1	0.1	29.0	63.8	64.7	84.4	181.2	425.4
	8520	NVIS		1.4	1.7	0.4					3.5
	8522	WC130J SPECIAL MISSION		13.3							13.3
	99999M	MISC SIMULATOR UPDATES			0.1					6.0	6.1
	99999O	MISC LOW COST MODS	0.3								0.3
	99999S	SERVICE BULLETINS					0.1			6.0	6.5
	99999X	LOW COST MODIFICATIONS	0.1	2.0	1.7	0.1	0.1	0.5	0.2	3.0	9.4
	ABCCC3	BROADCAST INTELLIGENCE	0.2								7.2
	EC130J	EC130J SPECIAL MISSION			23.5						23.5
	SIM130	SIMULATOR UPGRADE (C-130)								6.0	6.0

Totals may not add due to rounding.

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)							DATE FEBRUARY 1998	
APPROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT AF/AIRCRAFT MODIFICATIONS				P-1 ITEM NOMENCLATURE: C-130				
	1997	1998	1999	2000	2001	2002	2003	
COST (In Mil)	\$97.805	\$129.771	\$119.592	\$150.509	\$123.437	\$88.789	\$115.914	

CLASS	MOD NR	MODIFICATION TITLE	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	COST TO GO	TOTAL PROG.
P	TIBS	TIBS	4.1								4.1
	Z88888	REPROGRAMMINGS		2.2							2.3
	_KQDME	UPGRADE C-130 CREW SEAT & BUNK			4.2						4.2
	_SWCGC	LIQUID OXYGEN SYSTEM (LOX)		1.0	3.0	2.0					6.0
	_TXTUR	ENHANCED TCAS (TCAS II)		13.8	18.2						32.0
	CLASS P	TOTAL FOR C-130	97.8	129.8	119.6	150.5	123.3	88.8	115.8	340.6	
	TOTAL FOR C-130		97.8	129.8	119.6	150.5	123.4	88.8	115.9	345.1	

Totals may not add due to rounding.

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DATE 01/26/98

MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB

MODIFICATION TITLE AND NO: APQ-122 RADAR REPLACEMENT MN-12603B

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC C-130 CLASS P

MODELS OF AIRCRAFT AFFECTED: C-130E

CENTER: WR-ALC

PE 0401115F TEAM MOBIL

DESCRIPTION/JUSTIFICATION: Presently the APQ-122(V)1, is installed on the C-130E Adverse Weather Aerial Delivery System (AWADS) aircraft. The modification needs to be accomplished due to the low reliability (12-18 hours MTBF). The lack of bits and pieces and of repairable assemblies has resulted in intensive management of the APQ-122 system by the depot. Modification would result in a system with field demonstrated Mean Time Between Failure (MTBF) of 150 hours. FY92 ECP will include LPI (Low Probability of Intercept) implementation in sector scan. PMD 6211(2)/12603B. 90 Mod Install (\$2.250). ACC/AMC: 33 E AWADS, USAFE: 17 E AWADS

AIRCRAFT BREAKDOWN: Active -- 50 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: All systems installed. ICS ongoing until organic repair begins in FY00. Transition is in FY99.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS	49	4.8										
KITS NONRECUR	1	7.1										
EQUIPMENT	(49)	29.0										
EQUIP NONREC	(1)	29.0										
CHANGE ORDERS		7.4										
DATA		4.4										
SIM/TRAINER		4.4										
SUPPORT-EQUIP		24.1										
ICS		12.6		2.7		2.7		1.8				
FLIGHT TEST		0.4										
OGC				0.2								
INSTALLATION OF HARDWARE												
FY-87	2	KITS										
FY-88	16	KITS										
FY-89	24	KITS										
FY-90	8	KITS	(50)									
TOTAL INSTALL QTY/COST	50											
TOTAL COST (BP-1100)	50	123.2		2.9		2.7		1.8				
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT/FIELD TEAM												
INITIAL LEAD TIME -- 28 MONTHS						FOLLOW-ON LEAD TIME -- 60 MONTHS						

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FACT SHEET: C-130 MN-12603B APQ-122 RADAR REPLACEMENT (CONTINUED)
 PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL					
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT				
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS							49	4.8				
KITS NONRECUR							1	7.1				
EQUIPMENT								29.0				
EQUIP NONREC								29.0				
CHANGE ORDERS								7.4				
DATA								4.4				
SIM/TRAINER								4.4				
SUPPORT-EQUIP								24.1				
ICS								19.8				
FLIGHT TEST								0.4				
OGC								0.2				
INSTALLATION OF HARDWARE												
FY-87 2 KITS												
FY-88 16 KITS												
FY-89 24 KITS												
FY-90 8 KITS									(50)			
TOTAL INSTALL QTY/COST								50				
TOTAL COST (BP-1100)								50	130.5			
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
MILESTONES												
	FY-87	FY-88	FY-89	FY-90	FY-91	FY-92	FY-93	FY-94	FY-95	FY-96	FY-97	
CONTRACT-DATE (QTR/FY)	4/87	1/88	1/89	1/90								
DELIVERY-DATE (QTR/FY)	2/90	1/93	2/93	4/93								

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FACT SHEET: C-130 MN-12603B APQ-122 RADAR REPLACEMENT
PROJECTED FINANCIAL PLAN (CONTINUED)

(CONTINUED)

INSTALLATION SCHEDULE:	FY-87				FY-88				FY-89				FY-90				FY-91				
QUARTERS	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	
INPUT														1							
OUTPUT														1							
INSTALLATION SCHEDULE:	FY-92				FY-93				FY-94				FY-95				FY-96				
QUARTERS	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	
INPUT					1			2	3	2	6	6	6	6	6	6	2			1	1
OUTPUT					1			2	3	2	6	6	6	6	6	2			1	1	
INSTALLATION SCHEDULE:	FY-97																				
QUARTERS	1	2	3	4																	
INPUT		1																			
OUTPUT		1																			

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DATE 01/26/98

MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB
MODIFICATION TITLE AND NO: AUTOPILOT/GCAS MN-17605B

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC C-130 CLASS P

MODELS OF AIRCRAFT AFFECTED: ALL C-130

CENTER: WR-ALC

PE 0401115F TEAM MOBIL

DESCRIPTION/JUSTIFICATION: The present C-130 Autopilot has been in service since the late 1950s. The tube technology is obsolete and unsupportable due to the lack of replacement parts. A special production line is required to produce the tubes which are extremely expensive and unreliable. Current mission requirements involve overwater flights and air refueling which require a reliable Autopilot to sustain automatic flight control to alleviate aircrew fatigue and improve aircrew capability in accomplishing contingency and unconventional warfare taskings. The system includes Ground Collision Avoidance System (GCAS) capability. PMD 17605B/2264(4). ACC: 7 ECE, 14 ECH Compass Call, 9 HCN/P tanker, 2E's; AETC: 45 E's, 3 MCE/H Combat Talon, 4 MCP Combat Shadow; AFMC: 1 ECH Compass Call, 1 NCE, 2 NCH; AFRES: 31 E, 8 MCE/H Combat Talon, 10 WCH, 8 HCN/P Tanker, 5 MCP Combat Shadow, 56 H-2 GCAS only, 23 H-3 GCAS only; AFSOC: 4 E, 21 ACH/U Gunship, 27 MCE/H Combat Talon, 19 MCP Combat Shadow; AMC: 51 E, 29 H-1, 14 H-3; Continued under development status below
AIRCRAFT BREAKDOWN: Active -- 303 RES -- 141 ANG -- 251

DEVELOPMENT STATUS: CCB Aug 88. Flight test, Jan 1995. The installation schedule below shows two kits being installed in FY94. The second kit is for GCAS only and is purchased with FY94 dollars, but will be delivered in 3rd qtr FY94. This kit is off the shelf and does not require the 12 months leadtime. QT&E on C-130E AWADS completed. (252-GCAS/GCAS Retro, 444-Autopilot/GCAS, Total 696). Kitproof of AWADS, May 96. OT&E, Jun 96. ANG: 72 E, 8 ECE, 7 HCN/P Tanker, 104 H-2 GCAS only, 42 H-3 GCAS only, 10 LCH GCAS only, 6 HCN GCAS only; PACAF: 13 E, 18 H-1; USAFE: 19 E

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS	251	6.4	108	4.6	60	1.7	115	5.8	151	9.8		
KITS NONRECUR	9	5.9		1.0	1	0.1						
EQUIPMENT	(251)	19.8	(108)	13.9	(60)	5.1	(115)	17.3	(151)	29.5		
EQUIP NONREC	(9)	33.7		3.1	(1)	0.5						
CHANGE ORDERS		0.8		0.5		1.3		1.0		1.9		1.5
DATA		5.8				0.7				0.1		
SIM/TRAINER	(11)	6.2								0.5		
SUPPORT-EQUIP		6.2						0.3		0.5		
SOFTWARE		6.2		1.1								
WARRANTY		1.3		0.8		0.4						
FLIGHT TEST		0.3						0.1				
OGC				1.4		1.5		1.4		0.7		
INSTALLATION OF HARDWARE												
FY-92 1 KITS	(1)											
FY-94 111 KITS	(104)	3.7	(4)	0.4	(1)		(2)	0.3				
FY-96 148 KITS			(36)	3.0	(98)	7.9	(14)	1.6				
FY-97 108 KITS					(48)	3.6	(60)	6.6				
FY-98 61 KITS							(61)	3.2				
FY-99 115 KITS									(115)	11.3		
FY-00 151 KITS											(80)	8.9
TOTAL INSTALL QTY/COST	105	3.7	40	3.3	147	11.6	137	11.6	115	11.3	80	8.9
TOTAL COST (BP-1100)	260	96.3	108	29.7	61	22.8	115	37.4	151	54.3		10.4

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FACT SHEET: C-130 MN-17605B AUTOPILOT/GCAS
PROJECTED FINANCIAL PLAN (CONTINUED)

(CONTINUED)

(TOTALS MAY NOT ADD DUE TO ROUNDING.)

METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT/FIELD TEAM
INITIAL LEAD TIME -- 12 MONTHS

FOLLOW-ON LEAD TIME -- 12 MONTHS

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FACT SHEET: C-130 MN-17605B AUTOPILOT/GCAS
 PROJECTED FINANCIAL PLAN (CONTINUED)

(CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)								
PROCUREMENT (3010)								
INSTALL KITS							685	28.3
KITS NONRECUR							10	7.0
EQUIPMENT								85.5
EQUIP NONREC								37.3
CHANGE ORDERS								7.0
DATA								6.6
SIM/TRAINER								6.7
SUPPORT-EQUIP								7.0
SOFTWARE								7.3
WARRANTY								2.5
FLIGHT TEST								0.5
OGC								4.9
INSTALLATION OF HARDWARE								
FY-92 1 KITS							(1)	0.0
FY-94 111 KITS							(111)	4.3
FY-96 148 KITS							(148)	12.5
FY-97 108 KITS							(108)	10.2
FY-98 61 KITS							(61)	3.2
FY-99 115 KITS							(115)	11.3
FY-00 151 KITS (71)		8.1					(151)	17.0
TOTAL INSTALL QTY/COST	71	8.1					695	58.5
TOTAL COST (BP-1100)		8.1					695	259.1

(TOTALS MAY NOT ADD DUE TO ROUNDING.)

MILESTONES

	FY-92	FY-93	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02
CONTRACT-DATE (QTR/FY)	3/92		4/94		3/96	2/97	1/98	1/99	1/00		
DELIVERY-DATE (QTR/FY)	3/94		3/95		3/97	2/98	1/99	1/00	1/01		
INSTALLATION SCHEDULE:	FY-92		FY-93		FY-94		FY-95		FY-96		
QUARTERS	1 2 3 4		1 2 3 4		1 2 3 4		1 2 3 4		1 2 3 4		1 2 3 4
INPUT						1 1			11 31 25 23 11 1		
OUTPUT						1 1			11 31 25 23 11 1		
INSTALLATION SCHEDULE:	FY-97		FY-98		FY-99		FY-00		FY-01		
QUARTERS	1 2 3 4		1 2 3 4		1 2 3 4		1 2 3 4		1 2 3 4		
INPUT	1		19 48 60 58 26 34 38 39		29 29 29 28 20 20 20 20						
OUTPUT	1		2 19 48 60 58 26 34 38 39		29 29 29 28 20 20 20 20						
INSTALLATION SCHEDULE:	FY-02										
QUARTERS	1 2 3 4										
INPUT	20 20 20 11										
OUTPUT	20 20 20 11										

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DATE 01/26/98

MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB
MODIFICATION TITLE AND NO: ELECTRICAL SYSTEM UPGRADE MN-18600B

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC C-130 CLASS P

MODELS OF AIRCRAFT AFFECTED: C-130E/H/N/P/U

CENTER: WR-ALC

PE 0401115F TEAM MOBIL

DESCRIPTION/JUSTIFICATION: The C-130 electrical power system was designed in the 1950's. On-board equipment in use then was relatively tolerant of electrical power fluctuations. Modern avionic systems, however, are dependent on solid-state circuits and computer support which makes them more susceptible to disruptive electrical transients/spikes within the system. The propeller synchrophaser, for example, has translated a low voltage condition into a loss of engine power resulting in over 30 flight mishaps from 1987 to 1989. The C-130 will continue to be a viable part of the airlift forces into the next century. The C-130 will need "clean" electrical power for all new modifications to operate properly and reliably. PMD 2264(2). AFSOC: 4E's, 14 Talon I, 8 ACH's, 24 MCH's, 24 MCP's, 13 ACU's ACC: 94 E's, 7 ECE's, 24 H's, 14 ECH's, 9 HCP's PACAF: 26 USAF: 10 AFRES: 20 E's, 10 WCH's, 9 HCN/P's, 76 H's ANG: 43 E's, 8 ECE's, 95 H's, 7 LCH's. Not going to mod H-3, J models, AC or MCE

AIRCRAFT BREAKDOWN: Active -- 260 RES -- 111 ANG -- 171

DEVELOPMENT STATUS: Complete.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS	87	10.0	79	9.3	15	0.8	117	11.0	177	16.5	41	3.0
KITS NONRECUR	4	9.8										
EQUIPMENT	(87)	1.8	(79)	1.0	(15)	0.1	(117)	2.3	(177)	3.5	(41)	0.8
EQUIP NONREC	(4)	1.9										
CHANGE ORDERS												
DATA		2.6										
SIM/TRAINER		2.3										
SUPPORT-EQUIP												
FLIGHT TEST		0.1				0.5						
OGC		0.4		0.9		1.2		1.3		1.1		0.2
INSTALLATION OF HARDWARE												
FY-93 4 KITS	(4)											
FY-94 2 KITS	(2)	0.3										
FY-95 18 KITS			(18)	1.2								
FY-96 67 KITS			(55)	3.7			(12)	0.8				
FY-97 79 KITS							(79)	3.4				
FY-98 15 KITS							(15)	0.9				
FY-99 117 KITS									(117)	5.7		
FY-00 177 KITS											(177)	11.2
FY-01 41 KITS												
FY-02 22 KITS												
TOTAL INSTALL QTY/COST	6	0.3	73	4.9			106	5.1	117	5.7	177	11.2
TOTAL COST (BP-1100)	91	29.1	79	16.1	15	2.6	117	19.6	177	26.8	41	15.1

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FACT SHEET: C-130 MN-18600B ELECTRICAL SYSTEM UPGRADE
PROJECTED FINANCIAL PLAN (CONTINUED)

(CONTINUED)

(TOTALS MAY NOT ADD DUE TO ROUNDING.)

METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT

INITIAL LEAD TIME -- 12 MONTHS

FOLLOW-ON LEAD TIME -- 12 MONTHS

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FACT SHEET: C-130 MN-18600B ELECTRICAL SYSTEM UPGRADE (CONTINUED)
 PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL						
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT					
RDT&E (3600)													
PROCUREMENT (3010)													
INSTALL KITS	22	0.4					538	50.8					
KITS NONRECUR							4	9.8					
EQUIPMENT	(22)	0.3						9.8					
EQUIP NONREC								1.9					
CHANGE ORDERS													
DATA								2.6					
SIM/TRAINER								2.3					
SUPPORT-EQUIP													
FLIGHT TEST								0.6					
OGC		0.1						5.1					
INSTALLATION OF HARDWARE													
FY-93 4 KITS							(4)	0.0					
FY-94 2 KITS							(2)	0.3					
FY-95 18 KITS							(18)	1.2					
FY-96 67 KITS							(67)	4.4					
FY-97 79 KITS							(79)	3.4					
FY-98 15 KITS							(15)	0.9					
FY-99 117 KITS							(117)	5.7					
FY-00 177 KITS							(177)	11.2					
FY-01 41 KITS	(41)	1.9					(41)	1.9					
FY-02 22 KITS			(22)	0.3			(22)	0.3					
TOTAL INSTALL QTY/COST	41	1.9	22	0.3			542	29.4					
TOTAL COST (BP-1100)	22	2.8		0.3			542	112.3					
(TOTALS MAY NOT ADD DUE TO ROUNDING.)													
MILESTONES													
	FY-92	FY-93	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	
CONTRACT-DATE (QTR/FY)		3/94	3/94	3/95	3/96	1/97	2/98	1/99	1/00	1/01	1/02		
DELIVERY-DATE (QTR/FY)		3/95	4/95	1/98	2/98	4/98	3/98	1/00	1/01	1/02	1/03		

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FACT SHEET: C-130 MN-18600B ELECTRICAL SYSTEM UPGRADE (CONTINUED)
PROJECTED FINANCIAL PLAN (CONTINUED)

INSTALLATION SCHEDULE:	FY-92				FY-93				FY-94				FY-95				FY-96			
QUARTERS	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
INPUT														2	2	2				
OUTPUT															2	2	2			
INSTALLATION SCHEDULE:	FY-97				FY-98				FY-99				FY-00				FY-01			
QUARTERS	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
INPUT							30	30	30	30	30	29	30	30	28	29	44	44	44	45
OUTPUT							30	30	30	30	30	29	30	30	28	29	44	44	44	44
INSTALLATION SCHEDULE:	FY-02				FY-03															
QUARTERS	1	2	3	4	1	2	3	4												
INPUT	11	10	10	10	11	11														
OUTPUT	45	11	10	10	10	11	11													

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DATE 01/26/98

MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB

MODIFICATION TITLE AND NO: FUEL QTY SYS UPGRADE ON C-130H MN-18603B

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC C-130 CLASS P

MODELS OF AIRCRAFT AFFECTED: EC-130H/C130H

CENTER: WR-ALC

PE 0401115F TEAM MOBIL

DESCRIPTION/JUSTIFICATION: Modification upgrades the fuel quantity system on early (FY73-74) E/C-130H aircraft by installing externally mounted fuel probes, digital fuel quantity indicators and associated wiring. These are the same probes installed on the later H-model aircraft, so no new development is required. Installation of the external probes is accomplished by one of two ways: Installation of a new outer wing (when available from retiring E-models) which already have external probes, or modification of the existing wing. 12 EC-130H are also receiving digital fuel quantity indicators. Modification decreases maintenance hours approximately 90 hours per probe due to improved accessibility and increases MTBF of the fuel indicators to 3500 hours. PMD 2265(4), Appendix M. ACC: 12 ECH
Compass Call; AMC: 26 H-1, 1 Prototype (H1 Wing); PACAF: 21 H-1

AIRCRAFT BREAKDOWN: Active -- 60 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: Development complete. Installation procedures being re-worked.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS	33	2.6					6	0.5	10	0.8	10	0.8
KITS NONRECUR	1	0.5		0.4		0.2						
EQUIPMENT	(33)	1.9		0.2		(6)	0.1	(10)	0.2	(10)	0.2	
EQUIP NONREC	(1)	0.1										
CHANGE ORDERS												
DATA												
SIM/TRAINER												
SUPPORT-EQUIP												
MISC		0.2		0.1		0.1						
OGC				0.2								
INSTALLATION OF HARDWARE												
FY-92 3 KITS	(2)	0.1	(1)	0.2								
FY-93 11 KITS	(4)	1.3	(7)	1.6								
FY-94 20 KITS	(6)	1.4			(7)	1.6	(7)	1.0				
FY-99 6 KITS								(6)	0.6			
FY-00 10 KITS										(5)	0.5	
FY-01 10 KITS												
TOTAL INSTALL QTY/COST	12	2.8	8	1.8	7	1.6	7	1.0	6	0.6	5	0.5
TOTAL COST (BP-1100)	34	8.1		2.7		1.9	6	1.6	10	1.6	10	1.5
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT/FIELD TEAM												
INITIAL LEAD TIME -- 18 MONTHS						FOLLOW-ON LEAD TIME -- 18 MONTHS						

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FACT SHEET: C-130 MN-18603B FUEL QTY SYS UPGRADE ON C-130H (CONTINUED)
 PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)								
PROCUREMENT (3010)								
INSTALL KITS							59	4.7
KITS NONRECUR							1	1.0
EQUIPMENT								2.7
EQUIP NONREC								0.1
CHANGE ORDERS								
DATA								0.0
SIM/TRAINER								
SUPPORT-EQUIP								
MISC								0.4
OGC								0.2
INSTALLATION OF HARDWARE								
FY-92 3 KITS							(3)	0.3
FY-93 11 KITS							(11)	2.9
FY-94 20 KITS							(20)	4.0
FY-99 6 KITS							(6)	0.6
FY-00 10 KITS (5)		0.5					(10)	1.0
FY-01 10 KITS (10)		1.0					(10)	1.0
TOTAL INSTALL QTY/COST	15	1.5					60	9.8
TOTAL COST (BP-1100)		1.5					60	18.8

(TOTALS MAY NOT ADD DUE TO ROUNDING.)

MILESTONES

	FY-92	FY-93	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02
CONTRACT-DATE (QTR/FY)	2/92	2/93	2/94					1/99	1/00	1/01	
DELIVERY-DATE (QTR/FY)	4/93	4/94	4/95					3/00	3/01	3/02	
INSTALLATION SCHEDULE:	FY-92		FY-93			FY-94		FY-95			FY-96
QUARTERS	1 2 3 4		1 2 3 4			1 2 3 4		1 2 3 4			1 2 3 4
INPUT								1		1	1
OUTPUT									1	1	1
INSTALLATION SCHEDULE:	FY-97		FY-98			FY-99		FY-00			FY-01
QUARTERS	1 2 3 4		1 2 3 4			1 2 3 4		1 2 3 4			1 2 3 4
INPUT									3	3	2
OUTPUT	1	3	2	4	3	4	3	1	2	2	3
INSTALLATION SCHEDULE:	FY-02										
QUARTERS	1 2 3 4										
INPUT	2	3	5	5							
OUTPUT	3	2	3	10							

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MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC C-130 CLASS P

MODIFICATION TITLE AND NO: NAVSTAR GLOBAL POSITIONING SYSTEM MN-3150

MODELS OF AIRCRAFT AFFECTED: ALL MODELS OF C-130

CENTER: WR-ALC

PE 0401115F TEAM MOBIL

DESCRIPTION/JUSTIFICATION: The NAVSTAR Global Positioning System (GPS) is a space-based radio navigation system that will provide suitably equipped host vehicles with highly accurate, jam-resistant, three dimensional position, velocity, and time data, worldwide in all weather to improve mission effectiveness.

AIRCRAFT BREAKDOWN: Active -- 225 RES -- 118 ANG -- 217

DEVELOPMENT STATUS: RDT&E complete. ACC: 11 E, 7 ECE, 9 HCP; AETC: 45 E, 4 MCP; AFRC: 30 E, 65 H, 4 HCN, 4 HCP, 5 MCP, 10 WCH; AFSOC: 4 E, 19 MCP; AMC: 52 E, 30 H; ANG: 70 E, 119 H, 8 ECE, 6 HCN, 7 HCP, 7 LCH; PACAF: 8 E, 17 H; USAF: 19 E

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS	363	4.8	164	1.0	31	0.2						
KITS NONRECUR	2	10.3										
EQUIPMENT	(363)	25.2	(164)	9.5	(31)	2.9						
EQUIP NONREC	(2)	0.5										
CHANGE ORDERS		1.0										
DATA		1.5										
SIM/TRAINER		0.7		0.1								
SUPPORT-EQUIP												
SOFTWARE												
FLIGHT TEST		0.8										
OGC				1.0		0.2						
INSTALLATION OF HARDWARE												
FY-92 5 KITS	(5)	0.2										
FY-94 76 KITS	(76)	4.3										
FY-95 142 KITS			(142)	4.7								
FY-96 142 KITS					(142)	4.0						
FY-97 164 KITS					(71)	2.0	(93)	2.6				
FY-98 31 KITS									(31)	1.2		
TOTAL INSTALL QTY/COST	81	4.5	142	4.7	213	6.0	93	2.6	31	1.2		
TOTAL COST (BP-1100)	365	49.4	164	16.2	31	9.2		2.6		1.2		

(TOTALS MAY NOT ADD DUE TO ROUNDING.)

METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT/FIELD TEAM

INITIAL LEAD TIME -- 9 MONTHS

FOLLOW-ON LEAD TIME -- 24 MONTHS

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FACT SHEET: C-130 MN-3150 NAVSTAR GLOBAL POSITIONING SYSTEM (CONTINUED)
 PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL			
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT		
RDT&E (3600)										
PROCUREMENT (3010)										
INSTALL KITS							558	6.0		
KITS NONRECUR							2	10.3		
EQUIPMENT								37.6		
EQUIP NONREC								0.5		
CHANGE ORDERS								1.0		
DATA								1.5		
SIM/TRAINER								0.7		
SUPPORT-EQUIP										
SOFTWARE										
FLIGHT TEST									0.8	
OGC									1.1	
INSTALLATION OF HARDWARE										
FY-92 5 KITS							(5)	0.2		
FY-94 76 KITS							(76)	4.3		
FY-95 142 KITS							(142)	4.7		
FY-96 142 KITS							(142)	4.0		
FY-97 164 KITS							(164)	4.6		
FY-98 31 KITS							(31)	1.2		
TOTAL INSTALL QTY/COST								560	19.0	
TOTAL COST (BP-1100)								560	78.6	
(TOTALS MAY NOT ADD DUE TO ROUNDING.)										
MILESTONES										
	FY-91	FY-92	FY-93	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00
CONTRACT-DATE (QTR/FY)		3/93		2/94	2/95	2/96	2/97	2/98		
DELIVERY-DATE (QTR/FY)		2/94		2/95	1/97	3/97	3/98	3/99		
INSTALLATION SCHEDULE:	FY-91		FY-92		FY-93		FY-94		FY-95	
QUARTERS	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4
INPUT									2 3	7 7 7
OUTPUT									2 3	7 7 7
INSTALLATION SCHEDULE:	FY-96		FY-97		FY-98		FY-99		FY-00	
QUARTERS	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4
INPUT	1 3 4 15	20 46 46 46	56 57 58 58	29 29 29 6	16 15					
OUTPUT	1 3 4 15	20 46 46 46	56 57 58 58	29 29 29 6	16 15					

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DATE 01/26/98

MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB
MODIFICATION TITLE AND NO: SCNS MN-3190

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC C-130 CLASS P

MODELS OF AIRCRAFT AFFECTED: C-130B/E/H/N/P

CENTER: WR-ALC

PE 0401115F TEAM MOBIL

DESCRIPTION/JUSTIFICATION: Equips C-130 aircraft with a Self-Contained Navigation System (SCNS). The SCNS will enable C-130s to operate without external navigation aids, since in battle zones navigation aids are likely to be shut down or jammed. The SCNS will improve the C-130 mission success likelihood, particularly on low level missions. The SCNS will be procured as a single entity and will include: Inertial Navigation Unit (INU), doppler velocity sensor, cockpit display unit, and an air data computer. Data Transfer System (DTS) permits aircrews to preload mission data in ground facilities for digital transfer vs manual loading on aircraft saving many manhours. FY93 ECP's's include dual inertial navigation system & OFP update. FY96/97/98 funds High Speed Processor upgrade to allow SCNS to function properly with on going and planned avionics, and software upgrades. PMD: 3115(3)/3190.

AIRCRAFT BREAKDOWN: Active -- 258 RES -- 118 ANG -- 173

DEVELOPMENT STATUS: Note: total kit procurements, total installation line, and total kits actually installed differ because 10 kits were procured separately prior to FY87 thereby reducing the number of kits required to be purchased under this modification. 139 kits were installed via O&I. ACC: 9 E, 7 ECE, 9 HCP; AETC: 39 E, 4 MCP;AFRC: 31 E, 71 H, 4 HCN, 3 HCP, 5 MCP, 10 WCH; AFSOC: 3 E, 19 MCP; AMC: 51 E, 40 H; ANG: 56 E, 116 H, 8 ECE, 6 HCN, 7 HCP, 7 LCH; PACAF: 6 E, 21 H; USAF: 17 E

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS	535	24.9										
KITS NONRECUR	4	14.4										
EQUIPMENT (535)		133.1										
EQUIP NONREC (1)		17.1										
CHANGE ORDERS		8.5										
DATA		6.0		0.1								
SIM/TRAINER		26.1										
SUPPORT-EQUIP		31.1										
TOOLING/EAP		50.0										
ICS		10.2		4.0		4.3		2.0				
INSTAL		4.9										
OGC				0.3		0.1		0.2				
INSTALLATION OF HARDWARE												
FY-90 517 KITS (517)												
FY-92 14 KITS (14)		2.6										
FY-93 8 KITS (8)		0.8										
TOTAL INSTALL QTY/COST	539	3.4										
TOTAL COST (BP-1100)	539	336.9		4.4		4.4		2.2				

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FACT SHEET: C-130 MN-3190 SCNS
PROJECTED FINANCIAL PLAN (CONTINUED)

(CONTINUED)

(TOTALS MAY NOT ADD DUE TO ROUNDING.)

METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT/FIELD TEAM
INITIAL LEAD TIME -- 24 MONTHS

FOLLOW-ON LEAD TIME -- 7 MONTHS

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FACT SHEET: C-130 MN-3190 SCNS
 PROJECTED FINANCIAL PLAN (CONTINUED)

(CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)								
PROCUREMENT (3010)								
INSTALL KITS							535	24.9
KITS NONRECUR							4	14.4
EQUIPMENT								133.1
EQUIP NONREC								17.1
CHANGE ORDERS								8.5
DATA								6.1
SIM/TRAINER								26.1
SUPPORT-EQUIP								31.1
TOOLING/EAP								50.0
ICS								20.5
INSTAL								4.9
OGC								0.6
INSTALLATION OF HARDWARE								
FY-90 517 KITS							(517)	
FY-92 14 KITS							(14)	2.6
FY-93 8 KITS							(8)	0.8
TOTAL INSTALL QTY/COST							539	3.4
TOTAL COST (BP-1100)							539	347.9
(TOTALS MAY NOT ADD DUE TO ROUNDING.)								
MILESTONES								
	FY-90	FY-91	FY-92	FY-93	FY-94	FY-95	FY-96	
CONTRACT-DATE (QTR/FY)	1/90		3/93	4/94				
DELIVERY-DATE (QTR/FY)	1/90		3/94	3/95				
INSTALLATION SCHEDULE:	FY-90		FY-91		FY-92		FY-93	FY-94
QUARTERS	1 2 3 4		1 2 3 4		1 2 3 4		1 2 3 4	1 2 3 4
INPUT	1 14 27 37		37 31 39 48		37 41 51 25		29 23 24 25	19 11 8 4
OUTPUT	1 11 21 35		35 31 41 46		46 42 53 23		27 22 28 18	22 15 2 8
INSTALLATION SCHEDULE:	FY-95		FY-96					
QUARTERS	1 2 3 4		1 2 3 4					
INPUT	8 2 3 3		2 2					
OUTPUT	4 8 2 3		3 2					

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DATE 01/26/98

MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB

MODIFICATION TITLE AND NO: HF AUTO COMM PROCESSOR (ACP) MN-3353

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC C-130 CLASS P

MODELS OF AIRCRAFT AFFECTED: C-130E/H

CENTER: WR-ALC

PE 0401115F TEAM MOBIL

DESCRIPTION/JUSTIFICATION: This modification supports the Airlift Mobility Command's Command and Control (C2) system upgrade. It, along with several additional multiple weapon system mods, provide the enhancements and upgrades to the airborne segment of the AMC C2 system upgrade. Specifically this modification improves the performance of the AN/ARC-190 HF radio by adding automatic channel scanning, automatic addressing with address protection, channel evaluation and frequency management. Also jam resistance/avoidance through slow frequency hopping will be provided. PMD: 0924(1)/T3353.
AIRCRAFT BREAKDOWN: Active -- 281 RES -- 118 ANG -- 217

DEVELOPMENT STATUS: CCB May 89. Total group A kits required is 616. Total group B required is 703 qty is one per 609 SCNS A/C (includes new production) and two per 47 SOF A/C. 471 are provided at no cost--excess from other A/C: E-4: 4; C-141: 282, C-5: 126, KC-10: 59. Breakdown -- ACC: 11 E, 7 ECE, 9 HCP, 14 ECH; AETC: 45 E, 4 MCP, 3 MCH; AFMC: 1 ECH; AFRC: 31 E, 64 H, 4 HCN, 4 HCP, 5 MCP, 10 WCH; AFSOC: 4 E, 19 MCP, 8 ACH, 21 MCH; AMC: 52 E, 35 H; ANG: 73 E, 116 H, 8 ECE, 6 HCN, 7 HCP, 7 LCH; PACAF: 8 E, 21 H; USAF: 19 E

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS	991	6.4	204	0.5	72	0.4						
KITS NONRECUR	(13)	0.4										
EQUIPMENT	(250)	10.2			(72)	1.0						
EQUIP NONREC	(13)	1.0										
CHANGE ORDERS		8.3										
DATA		7.4										
SIM/TRAINER					(11)	1.7						
SUPPORT-EQUIP		1.3										
OGC				0.3		0.2						
INSTALLATION OF HARDWARE												
FY-90	43											
FY-91	36											
FY-92	349											
FY-93	243											
FY-94	104	(130)	0.9									
FY-96	216		(93)	1.3								
FY-97	204			(197)	1.1							
FY-98	72					(60)	0.4					
TOTAL INSTALL QTY/COST	130	0.9	93	1.3	197	1.1	60	0.4				
TOTAL COST (BP-1100)	991	35.9	204	2.2	72	4.4		0.4				

(TOTALS MAY NOT ADD DUE TO ROUNDING.)

METHOD OF IMPLEMENTATION: INSTALLATION -- COMBINATION

INITIAL LEAD TIME -- 12 MONTHS

FOLLOW-ON LEAD TIME -- 12 MONTHS

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FACT SHEET: C-130 MN-3353 HF AUTO COMM PROCESSOR (ACP) (CONTINUED)
 PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL			
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)										
PROCUREMENT (3010)										
INSTALL KITS							1267	7.2		
KITS NONRECUR								0.4		
EQUIPMENT								11.2		
EQUIP NONREC								1.0		
CHANGE ORDERS								8.3		
DATA								7.4		
SIM/TRAINER								1.7		
SUPPORT-EQUIP								1.3		
OGC								0.5		
INSTALLATION OF HARDWARE										
FY-90 43 KITS										
FY-91 36 KITS										
FY-92 349 KITS										
FY-93 243 KITS										
FY-94 104 KITS							(130)	0.9		
FY-96 216 KITS							(93)	1.3		
FY-97 204 KITS							(197)	1.1		
FY-98 72 KITS							(60)	0.4		
TOTAL INSTALL QTY/COST							480	3.7		
TOTAL COST (BP-1100)							1267	42.8		
(TOTALS MAY NOT ADD DUE TO ROUNDING.)										
MILESTONES										
	FY-90	FY-91	FY-92	FY-93	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99
CONTRACT-DATE (QTR/FY)	3/90	4/91	4/92	1/93	4/94		3/96	1/97	1/98	
DELIVERY-DATE (QTR/FY)	3/91	3/92	3/93	4/93	3/96		1/97	1/98	1/99	
INSTALLATION SCHEDULE:	FY-95			FY-96			FY-97		FY-98	FY-99
QUARTERS	1 2 3 4			1 2 3 4	1 2 3 4		1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4
INPUT					29 10		60 60 64	50 49 49 49	15 15 15 15	15 15 15 15
OUTPUT					29 10		60 60 64	50 49 49 49	15 15 15 15	15 15 15 15

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DATE 01/26/98

MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC C-130 CLASS P

MODIFICATION TITLE AND NO: AIRLIFT DEFENSIVE SYSTEMS MN-3455

MODELS OF AIRCRAFT AFFECTED: C-130, E, H

CENTER: WR-ALC

PE 0401115F TEAM MOBIL

DESCRIPTION/JUSTIFICATION: The C-130 users have had long standing mission need for electronic warfare defensive systems which will improve aircrew survivability. The electronic warfare defensive systems will consist of a missile warning receiver, and a flare and chaff dispenser. PMD: 9246(2) C-MNS directed installation of ALQ-131 pod on 19 C-130 (AWADS) and 10 AFRES C-130H aircraft. All ALQ-131 installs occurred in FY96/1. Numerous aircraft configurations have resulted in the production of several kit types whose hardware and installation costs vary significantly.

AIRCRAFT BREAKDOWN: Active -- 205 RES -- 113 ANG -- 163

DEVELOPMENT STATUS: N/A.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)		2.3										
PROCUREMENT (3010)												
INSTALL KITS	170	6.6	40	2.9	36	1.3	28	0.9	105	6.3	99	5.4
KITS NONRECUR	(1)	3.2										
EQUIPMENT	(170)	29.2	(57)	5.3	(36)	7.0	(28)	2.6	(105)	16.0	(99)	14.1
EQUIP NONREC												
CHANGE ORDERS								3.6				
DATA		0.4										
SIM/TRAINER	(11)	0.3										
SUPPORT-EQUIP		4.1				1.0		0.5		2.8		3.7
FLIGHT TEST		0.4										
OGC				0.7		0.4		0.3		0.3		0.3
MISC												
INSTALLATION OF HARDWARE												
FY-92 18 KITS	(18)	1.7										
FY-93 30 KITS	(30)	2.2										
FY-94 102 KITS	(102)	5.4										
FY-95 8 KITS	(4)				(4)							
FY-96 12 KITS					(12)	0.4						
FY-97 40 KITS							(20)	2.2	(20)	1.9		
FY-98 36 KITS									(36)	2.4		
FY-99 28 KITS											(28)	1.3
FY-00 105 KITS												
FY-01 99 KITS												
FY-02 3 KITS												
TOTAL INSTALL QTY/COST	154	9.3			16	0.4	20	2.2	56	4.4	28	1.3
TOTAL COST (BP-1100)	170	53.4	40	8.9	36	10.1	28	10.1	105	29.8	99	24.8

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FACT SHEET: C-130 MN-3455 AIRLIFT DEFENSIVE SYSTEMS
PROJECTED FINANCIAL PLAN (CONTINUED)

(CONTINUED)

(TOTALS MAY NOT ADD DUE TO ROUNDING.)

METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT FIELD TEAM
INITIAL LEAD TIME -- 9 MONTHS

FOLLOW-ON LEAD TIME -- 24 MONTHS

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FACT SHEET: C-130 MN-3455 AIRLIFT DEFENSIVE SYSTEMS (CONTINUED)
 PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL							
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT						
RDT&E (3600)														
PROCUREMENT (3010)														
INSTALL KITS	3	0.2							481	23.6				
KITS NONRECUR										3.2				
EQUIPMENT	(3)	0.6								74.9				
EQUIP NONREC														
CHANGE ORDERS										3.6				
DATA										0.4				
SIM/TRAINER								2.0		2.3				
SUPPORT-EQUIP		0.5		0.4				1.5		14.6				
FLIGHT TEST										0.4				
OGC		0.3		0.3				0.1		2.5				
MISC														
INSTALLATION OF HARDWARE														
FY-92 18 KITS									(18)	1.7				
FY-93 30 KITS									(30)	2.2				
FY-94 102 KITS									(102)	5.4				
FY-95 8 KITS									(8)	0.1				
FY-96 12 KITS									(12)	0.4				
FY-97 40 KITS									(40)	4.2				
FY-98 36 KITS									(36)	2.4				
FY-99 28 KITS									(28)	1.3				
FY-00 105 KITS	(105)	7.6							(105)	7.6				
FY-01 99 KITS			(99)	6.8					(99)	6.8				
FY-02 3 KITS					(3)	0.3			(3)	0.3				
TOTAL INSTALL QTY/COST	105	7.6	99	6.8	3	0.3			481	32.3				
TOTAL COST (BP-1100)	3	9.2		7.5		3.9			481	157.7				
(TOTALS MAY NOT ADD DUE TO ROUNDING.)														
MILESTONES														
	FY-92	FY-93	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	FY-04	
CONTRACT-DATE (QTR/FY)	2/92	1/93	1/94	4/95	3/97	3/97	1/98	1/99	1/00	1/01	1/02			
DELIVERY-DATE (QTR/FY)	1/93	1/94	1/95	2/96	2/98	1/99	1/00	1/01	1/02	1/03	1/04			

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FACT SHEET: C-130 MN-3455 AIRLIFT DEFENSIVE SYSTEMS
PROJECTED FINANCIAL PLAN (CONTINUED)

(CONTINUED)

INSTALLATION SCHEDULE:	FY-92				FY-93				FY-94				FY-95				FY-96			
QUARTERS	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
INPUT					3	5	5	5	8	8	7	7	19	19	19	20	24	5		
OUTPUT					3	5	5	5	8	8	7	7	19	19	19	20	24	5		

INSTALLATION SCHEDULE:	FY-97				FY-98				FY-99				FY-00				FY-01			
QUARTERS	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
INPUT						5	5	6	5	5	5	5	14	14	14	14	7	7	7	7
OUTPUT						5	5	6	5	5	5	5	14	14	14	14	7	7	7	7

INSTALLATION SCHEDULE:	FY-02				FY-03				FY-04											
QUARTERS	1	2	3	4	1	2	3	4	1	2	3	4								
INPUT	16	26	31	32	25	25	25	24	3											
OUTPUT	16	26	31	32	25	25	25	24	3											

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MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE

MODIFICATION TITLE AND NO: MICROWAVE LANDING SYS (MLS) MN-3587

CLC C-130 CLASS P

MODELS OF AIRCRAFT AFFECTED: C-130E/N

CENTER: WR-ALC

PE 0305114F TEAM C4I

DESCRIPTION/JUSTIFICATION: Acquires and installs Group B for modified commercial Microwave Landing System (MLS) avionics. PMD:
0958(1)/35114F. ACC: 11 E, 9 HCP; AETC: 45 E, 4 MCP; AFRC: 30 E, 65 H, 4 HCN, 4 HCP, 5 MCP; AFSOC: 4 E, 19 MCP; AMC: 52 E, 33 H; ANG: 70
E, 127 H, 6 HCN, 7 HCP, 7 LCH; PACAF: 8 E, 21 H; USFE: 19 E
AIRCRAFT BREAKDOWN: Active -- 237 RES -- 116 ANG -- 197

DEVELOPMENT STATUS: The pre FY83 SCNS aircraft already have Group A provisions installed. (434 Group A to be installed as part of the SCNS mod.) RDT&E complete.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS	115	2.9										
KITS NONRECUR	1											
EQUIPMENT (539)		13.3										
EQUIP NONREC		1.5										
CHANGE ORDERS				0.1		0.5						
DATA		0.1										
SIM/TRAINER (11)		1.0										
SUPPORT-EQUIP		1.4										
INSTALLATION OF HARDWARE												
FY-90 1 KITS (1)												
FY-91 60 KITS (60)		2.3										
FY-92 55 KITS (55)		3.0		0.2		0.2						
TOTAL INSTALL QTY/COST	116	5.3		0.2		0.2						
TOTAL COST (BP-1100)	116	32.2		0.3		0.7						
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION -- COMBINATION												
INITIAL LEAD TIME -- 18 MONTHS					FOLLOW-ON LEAD TIME -- 9 MONTHS							

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FACT SHEET: C-130 MN-3587 MICROWAVE LANDING SYS (MLS) (CONTINUED)
 PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL		
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	
RDT&E (3600)									
PROCUREMENT (3010)									
INSTALL KITS							115	2.9	
KITS NONRECUR							1	0.0	
EQUIPMENT								13.3	
EQUIP NONREC								1.5	
CHANGE ORDERS								7.3	
DATA								0.1	
SIM/TRAINER								1.0	
SUPPORT-EQUIP								1.4	
INSTALLATION OF HARDWARE									
FY-90 1 KITS							(1)		
FY-91 60 KITS							(60)	2.3	
FY-92 55 KITS							(55)	3.3	
TOTAL INSTALL QTY/COST							116	5.6	
TOTAL COST (BP-1100)							116	33.2	
(TOTALS MAY NOT ADD DUE TO ROUNDING.)									
MILESTONES									
	FY-90	FY-91	FY-92	FY-93	FY-94	FY-95	FY-96	FY-97	FY-98
CONTRACT-DATE (QTR/FY)	3/91	3/93	3/93			1/95			
DELIVERY-DATE (QTR/FY)	1/93	3/94	3/94			4/95			
INSTALLATION SCHEDULE:	FY-90		FY-91			FY-92		FY-93	
QUARTERS	1 2 3 4		1 2 3 4			1 2 3 4		1 2 3 4	
INPUT	1 2 3 4		1 2 3 4			1 2 3 4		1 2 3 4	
OUTPUT								1	
INSTALLATION SCHEDULE:	FY-95		FY-96			FY-97		FY-98	
QUARTERS	1 2 3 4		1 2 3 4			1 2 3 4		1 2 3 4	
INPUT	25 25 25 2		25 25 25 2			2 2 2 2		1 2 1 1	
OUTPUT	25 25 25 2		2			2 2		1 2 1	

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MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB
MODIFICATION TITLE AND NO: ALR-69 (RWR) MN-8220

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC C-130 CLASS P

MODELS OF AIRCRAFT AFFECTED: C-130E/H

CENTER: WR-ALC

PE 0401115F TEAM MOBIL

DESCRIPTION/JUSTIFICATION: CSAF validated C-MNS implemented by SAF/AQQ 25/2282 Msg PMD. Aircrews flying missions in support of Provide Promise are being subjected to an increasing level of electronic threats which need to be modified so not to impact our worldwide airlift mission PMD 2264(3). Installs ALR-69, RWR, on 366 C-130 aircraft. Provides airborne warning of all AAA, interceptors, and surface-air threats. Completes C-130 fleet for all aircraft already equipped with Airlift Defensive System. Some equipment has been furnished GFE and requires replacement of missing parts and installation.

AIRCRAFT BREAKDOWN: Active -- 121 RES -- 112 ANG -- 228

DEVELOPMENT STATUS: N/A.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS	80	4.0							8	0.3	15	0.6
KITS NONRECUR	2	4.7										
EQUIPMENT	(78)	15.2							(8)	2.1	(15)	4.0
EQUIP NONREC												
CHANGE ORDERS		1.9										
DATA		1.4										
SIM/TRAINER		1.3			1.5							
SUPPORT-EQUIP		5.3								0.4		1.1
OGC										0.2		0.3
MISC												
INSTALLATION OF HARDWARE												
FY-94 39 KITS	(39)	3.9										
FY-95 27 KITS	(21)	0.8	(4)	0.3	(2)	0.1						
FY-96 16 KITS			(11)	0.8	(5)	0.3						
FY-00 8 KITS												
FY-01 15 KITS												
FY-03 55 KITS												
FY-04 52 KITS												
FY-05 70 KITS												
FY-06 90 KITS												
FY-07 89 KITS												
TOTAL INSTALL QTY/COST	60	4.8	15	1.2	7	0.4						
TOTAL COST (BP-1100)	82	38.5		1.2		1.9			8	3.0	15	6.0

(TOTALS MAY NOT ADD DUE TO ROUNDING.)

METHOD OF IMPLEMENTATION: INSTALLATION -- COMBINATION

INITIAL LEAD TIME -- 24 MONTHS

FOLLOW-ON LEAD TIME -- 24 MONTHS

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FACT SHEET: C-130 MN-8220 ALR-69 (RWR)
 PROJECTED FINANCIAL PLAN (CONTINUED)

(CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL									
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT								
RDT&E (3600)																
PROCUREMENT (3010)																
INSTALL KITS			55	2.6	301	14.6	459	22.1								
KITS NONRECUR							2	4.7								
EQUIPMENT			(55)	16.1	(301)	91.1		128.5								
EQUIP NONREC																
CHANGE ORDERS																
DATA																
SIM/TRAINER																
SUPPORT-EQUIP		0.5		3.5		8.0		18.7								
OGC		0.1		0.2		0.8		1.5								
MISC																
INSTALLATION OF HARDWARE																
FY-94 39 KITS							(39)	3.9								
FY-95 27 KITS							(27)	1.2								
FY-96 16 KITS							(16)	1.1								
FY-00 8 KITS (8)		0.5					(8)	0.5								
FY-01 15 KITS			(15)	1.0			(15)	1.0								
FY-03 55 KITS					(55)	4.1	(55)	4.1								
FY-04 52 KITS					(52)	3.8	(52)	3.8								
FY-05 70 KITS					(70)	5.2	(70)	5.2								
FY-06 90 KITS					(90)	6.9	(90)	6.9								
FY-07 89 KITS																
TOTAL INSTALL QTY/COST	8	0.5	15	1.0	267	20.0	372	27.9								
TOTAL COST (BP-1100)		1.1	55	23.5	301	134.5	461	209.5								
(TOTALS MAY NOT ADD DUE TO ROUNDING.)																
MILESTONES																
	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	FY-04	FY-05	FY-06	FY-07	FY-08	
CONTRACT-DATE (QTR/FY)	3/94	3/95	4/96				1/00	1/01		1/03	1/04	1/05	1/06	1/07		
DELIVERY-DATE (QTR/FY)	3/94	1/96	2/97				1/02	1/03		1/05	1/06	1/07	1/08	1/09		

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FACT SHEET: C-130 MN-8220 ALR-69 (RWR)
PROJECTED FINANCIAL PLAN (CONTINUED)

(CONTINUED)

INSTALLATION SCHEDULE:	FY-94				FY-95				FY-96				FY-97				FY-98			
QUARTERS	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
INPUT			1	18					2	4	10	10	10	15	5	3	2	2		
OUTPUT			1	18					2	4	10	10	10	15	5	3	2	2		
INSTALLATION SCHEDULE:	FY-99				FY-00				FY-01				FY-02				FY-03			
QUARTERS	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
INPUT													2	2	2	2	5	5	5	
OUTPUT													2	2	2	2	5	5	5	
INSTALLATION SCHEDULE:	FY-04				FY-05				FY-06				FY-07				FY-08			
QUARTERS	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
INPUT					10	15	15	15	15	15	15	7	15	15	20	20	23	23	22	22
OUTPUT					10	15	15	15	15	15	15	7	15	15	20	20	23	23	22	22

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MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE

MODIFICATION TITLE AND NO: AERSPACE RESCUE AND RECOVERY MN-8424

CLC C-130 CLASS P

MODELS OF AIRCRAFT AFFECTED: HC130

CENTER: WR-ALC

PE 0207224F TEAM AIR

DESCRIPTION/JUSTIFICATION: This Chief of Staff directed program converts 2 slick C-130 aircraft to a combat rescue (HC-130P) configuration. The program is required to provide adequate HC-130N/P force structure to support world-wide rescue requirements.

AIRCRAFT BREAKDOWN: Active -- 1 RES -- 1 ANG -- 0

DEVELOPMENT STATUS: N/A. AFRC: 1 E TO HCP; ACC: 1 WC TO HCP

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS												
KITS NONRECUR					1	3.2	1	6.5				
EQUIPMENT												
EQUIP NONREC					(1)	4.8	(1)	6.5				
CHANGE ORDERS												
DATA						0.2		0.4				
SIM/TRAINER												
SUPPORT-EQUIP												
FLIGHT TEST								0.4				
OGC						0.4		0.3				
INSTALLATION OF HARDWARE												
FY-98 1 KITS							(1)					
FY-99 1 KITS									(1)			
TOTAL INSTALL QTY/COST							1		1			
TOTAL COST (BP-1100)					1	8.5	1	14.1				

(TOTALS MAY NOT ADD DUE TO ROUNDING.)

METHOD OF IMPLEMENTATION: INSTALLATION -- CONTRACTOR FACILITY

INITIAL LEAD TIME -- 6 MONTHS

FOLLOW-ON LEAD TIME -- 6 MONTHS

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FACT SHEET: C-130 MN-8424 AERSPACE RESCUE AND RECOVERY (CONTINUED)
 PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)								
PROCUREMENT (3010)								
INSTALL KITS								
KITS NONRECUR							2	9.7
EQUIPMENT								
EQUIP NONREC								11.3
CHANGE ORDERS								
DATA								0.5
SIM/TRAINER								
SUPPORT-EQUIP								
FLIGHT TEST								0.4
OGC								0.7
INSTALLATION OF HARDWARE								
FY-98 1 KITS							(1)	
FY-99 1 KITS							(1)	
TOTAL INSTALL QTY/COST							2	
TOTAL COST (BP-1100)							2	22.6
(TOTALS MAY NOT ADD DUE TO ROUNDING.)								
MILESTONES								
	FY-97	FY-98	FY-99	FY-00				
	-----	-----	-----	-----				
CONTRACT-DATE (QTR/FY)		4/98	3/99					
DELIVERY-DATE (QTR/FY)		2/99	1/00					
INSTALLATION SCHEDULE:	FY-97		FY-98		FY-99		FY-00	
QUARTERS	1 2 3 4		1 2 3 4		1 2 3 4		1 2 3 4	
INPUT					1		1	
OUTPUT							1	1

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MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB

MODIFICATION TITLE AND NO: INSTALLATION OF AN/APN-241, SATCOM AND EFI MN-8455

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC C-130 CLASS P

MODELS OF AIRCRAFT AFFECTED: C-130-H

CENTER: WR-ALC

PE 0401115F TEAM MOBIL

DESCRIPTION/JUSTIFICATION: Installation of Northrop/Grumman Low Power Color Radar, electronic flight instruments and satellite communications system on 4 C-130/H and 4 LC-130/H ANG aircraft.

AIRCRAFT BREAKDOWN: Active -- 0 RES -- 0 ANG -- 4

DEVELOPMENT STATUS: N/A.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS												
KITS NONRECUR			4	0.8								
EQUIPMENT												
EQUIP NONREC			(4)	4.0								
CHANGE ORDERS				2.0								
DATA												
SIM/TRAINER												
SUPPORT-EQUIP												
OGC				0.3		0.5						
MISC						0.1						
INSTALLATION OF HARDWARE												
FY-97 4 KITS			(4)	0.2								
TOTAL INSTALL QTY/COST			4	0.2								
TOTAL COST (BP-1100)			4	7.2		0.6						

(TOTALS MAY NOT ADD DUE TO ROUNDING.)

METHOD OF IMPLEMENTATION: INSTALLATION -- CONTRACTOR FACILITY

INITIAL LEAD TIME -- 8 MONTHS

FOLLOW-ON LEAD TIME -- 0 MONTHS

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FACT SHEET: C-130 MN-8455 INSTALLATION OF AN/APN-241, SATCOM AND EFI (CONTINUED)
 PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)								
PROCUREMENT (3010)								
INSTALL KITS								
KITS NONRECUR							4	0.8
EQUIPMENT								
EQUIP NONREC								4.0
CHANGE ORDERS								2.0
DATA								
SIM/TRAINER								
SUPPORT-EQUIP								
OGC								0.8
MISC								0.1
INSTALLATION OF HARDWARE								
FY-97 4 KITS							(4)	0.2
TOTAL INSTALL QTY/COST							4	0.2
TOTAL COST (BP-1100)							4	7.8
(TOTALS MAY NOT ADD DUE TO ROUNDING.)								

MILESTONES

	FY-97	FY-98
CONTRACT-DATE (QTR/FY)	4/97	
DELIVERY-DATE (QTR/FY)	2/98	

INSTALLATION SCHEDULE:

	FY-97				FY-98			
QUARTERS	1	2	3	4	1	2	3	4
INPUT					1	3		
OUTPUT					1	2	1	

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MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB

MODIFICATION TITLE AND NO: AVIONICS UPGRADE MN-8517

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC C-130 CLASS P

MODELS OF AIRCRAFT AFFECTED: C-130

CENTER: WR-ALC

PE 0401115F TEAM MOBIL

DESCRIPTION/JUSTIFICATION: Modification will add Enhanced Ground Collision Avoidance System (EGCAS), Replace APN-59 Radar, Replace N-1/C-12
Compass, and Upgrade the Self-Contained Navigation system (SCNS).

AIRCRAFT BREAKDOWN: Active -- 132 RES -- 81 ANG -- 137

DEVELOPMENT STATUS: N/A. ACC: 11E, 7 EC, 8 HCP AETC: 45 E, 4 MP AFRC: 34 E 79H, 4 HCN, 4 HCP, 5 MCP, 10 WCH AFSOC: 4 E, 10
MCP AMC: 52 E, 40 H ANG: 70 E, 146 H, 8 ECE, 6 HCN, 7 HCP, 7 LCH PACAF: 8 E, 21 H USAFE: 19 E

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01		
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	
RDT&E (3600)													
PROCUREMENT (3010)													
INSTALL KITS											93	8.1	
KITS NONRECUR									3	4.0	1	1.3	
EQUIPMENT											(93)	37.9	
EQUIP NONREC									(3)	14.9	(1)	5.0	
CHANGE ORDERS												1.0	
DATA										2.8		0.7	
SIM/TRAINER										0.7		1.3	
SUPPORT-EQUIP										1.0		1.1	
OGC						2.1		0.1		1.0		1.0	
SOFTWARE										4.7		5.2	
FLIGHT TEST												1.3	
ICS													
INSTALLATION OF HARDWARE											(3)		
FY-00 3 KITS													
FY-01 94 KITS													
FY-02 113 KITS													
FY-03 145 KITS													
FY-04 154 KITS													
FY-05 110 KITS													
TOTAL INSTALL QTY/COST												3	
TOTAL COST (BP-1100)						2.1		0.1		3	29.0	94	63.8
(TOTALS MAY NOT ADD DUE TO ROUNDING.)													
METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT													
INITIAL LEAD TIME -- 15 MONTHS						FOLLOW-ON LEAD TIME -- 12 MONTHS							

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FACT SHEET: C-130 MN-8517 AVIONICS UPGRADE
 PROJECTED FINANCIAL PLAN (CONTINUED)

(CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)								
PROCUREMENT (3010)								
INSTALL KITS	113	9.8	145	12.8	264	15.1	615	45.8
KITS NONRECUR							4	5.3
EQUIPMENT	(113)	46.8	(145)	59.5	(264)	74.6		218.8
EQUIP NONREC								19.9
CHANGE ORDERS		1.0		0.5		4.0		6.5
DATA		0.5				3.0		7.0
SIM/TRAINER						6.0		8.0
SUPPORT-EQUIP						1.0		3.1
OGC		0.7		0.7		3.3		8.9
SOFTWARE						9.0		18.9
FLIGHT TEST		1.0						2.3
ICS		0.6		4.0		26.5		31.1
INSTALLATION OF HARDWARE								
FY-00 3 KITS							(3)	
FY-01 94 KITS (94)		4.3					(94)	4.3
FY-02 113 KITS (113)				6.9			(113)	6.9
FY-03 145 KITS (145)						19.0	(145)	19.0
FY-04 154 KITS (154)						13.9	(154)	13.9
FY-05 110 KITS (110)						5.8	(110)	5.8
TOTAL INSTALL QTY/COST	94	4.3	113	6.9	409	38.7	619	49.9
TOTAL COST (BP-1100)	113	64.7	145	84.4	264	181.2	619	425.4

(TOTALS MAY NOT ADD DUE TO ROUNDING.)

MILESTONES

	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	FY-04	FY-05	FY-06	FY-07
CONTRACT-DATE (QTR/FY)				1/00	1/01	1/02	1/03	1/04	1/05	1/06	
DELIVERY-DATE (QTR/FY)				2/01	1/02	1/03	1/04	1/05	1/06	1/07	
INSTALLATION SCHEDULE:	FY-97		FY-98			FY-99		FY-00			FY-01
QUARTERS	1 2 3 4		1 2 3 4			1 2 3 4		1 2 3 4			1 2 3 4
INPUT											1 2
OUTPUT											1 2
INSTALLATION SCHEDULE:	FY-02		FY-03			FY-04		FY-05			FY-06
QUARTERS	1 2 3 4		1 2 3 4			1 2 3 4		1 2 3 4			1 2 3 4
INPUT	1 31 31 31		28 28 28 29			36 36 36 37		38 39 39 38			28 28 27 27
OUTPUT	1 31 31 31		28 28 28 29			36 36 36 36		37 38 39 39			38 28 28 27
INSTALLATION SCHEDULE:	FY-07										
QUARTERS	1 2 3 4										
INPUT											
OUTPUT	27										

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MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC C-130 CLASS P

MODIFICATION TITLE AND NO: WC130J SPECIAL MISSION MN-8522

MODELS OF AIRCRAFT AFFECTED: C-130J

CENTER: WR-ALC

PE 0401132F TEAM MOBIL

DESCRIPTION/JUSTIFICATION: The WC-130 fleet currently consists of 10 WC-130H aircraft assigned to the 53WRS, Keesler AFB, MS. They provide immediate response for observation and reporting of critical storm conditions (hurricanes, tropical and winter storms, etc.) for the National Oceanographic and Atmospheric Administration, National Hurricane Center, and National Meteorological Center. C-130Hs will be replaced by WC-130Js. The WC-130J will operate with a crew complement of five (two pilots, Navigator Aerial Reconnaissance Weather Officer [ARWO], and Dropsonde System Operator [DSO]). The C-130J aircraft manufacturer, Lockheed Martin Aircraft Systems, will accomplish modifications to standard configuration C-130J aircraft after DD250 acceptance. Aircraft modifications include installation of ARWO and DSO stations in the cargo compartment.

AIRCRAFT BREAKDOWN: Active -- 3 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: N/A.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS					3	6.8						
KITS NONRECUR						4.5						
EQUIPMENT												
EQUIP NONREC												
CHANGE ORDERS												
DATA						0.5						
SIM/TRAINER												
SUPPORT-EQUIP												
TEST						0.5						
ICS						1.0						
TOTAL COST (BP-1100)					3	13.3						
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION -- ORG/INTERMEDIATE												
INITIAL LEAD TIME -- 12 MONTHS					FOLLOW-ON LEAD TIME -- 12 MONTHS							

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FACT SHEET: C-130 MN-8522 WCI30J SPECIAL MISSION (CONTINUED)
 PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)								
PROCUREMENT (3010)								
INSTALL KITS							3	6.8
KITS NONRECUR								4.5
EQUIPMENT								
EQUIP NONREC								
CHANGE ORDERS								
DATA								0.5
SIM/TRAINER								
SUPPORT-EQUIP								
TEST								0.5
ICS								1.0
TOTAL COST (BP-1100)							3	13.3
(TOTALS MAY NOT ADD DUE TO ROUNDING.)								
MILESTONES								
	FY-97	FY-98						
CONTRACT-DATE (QTR/FY)		1/98						
DELIVERY-DATE (QTR/FY)		3/98						

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MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC C-130 CLASS P

MODIFICATION TITLE AND NO: EC130J SPECIAL MISSION MN-EC130J

MODELS OF AIRCRAFT AFFECTED: C-130J

CENTER: ASC

PE 0401132F TEAM MOBIL

DESCRIPTION/JUSTIFICATION: The EC-130 is a derivative of the basic C-130J aircraft and is assigned to the Harrisburg PA ANG unit. The aircraft is used to conduct special missions such as psychological operations, civil affairs, radio and television broadcasts, Command and Control Communications counter measures, and limited intelligence gathering. The C-130-J aircraft manufacturer, Lockheed Martin Aircraft systems, will accomplish modifications to standard configuration C-130J aircraft after DD250 acceptance. Modifications include installation of 60-90 generators, an Info Warfare crewstation, and AN/ARC-187, communications radio. Preliminary estimates indicate costs higher than is currently programmed. Kit brought with Air Force 3010 funds for the ANG unit at Harrisburg.

AIRCRAFT BREAKDOWN: Active -- 1 RES -- 0 ANG -- 0

DEVELOPMENT STATUS:

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS					1	8.0						
KITS NONRECUR						2.0						
EQUIPMENT					(1)	1.2						
EQUIP NONREC						6.1						
CHANGE ORDERS						2.7						
DATA						0.5						
SIM/TRAINER												
SUPPORT-EQUIP												
TEST						2.0						
ICS						1.0						
INSTALLATION OF HARDWARE												
FY-98 1 KITS												
TOTAL INSTALL QTY/COST								1				
TOTAL COST (BP-1100)					1	23.5						
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION -- CONTRACTOR FACILITY												
INITIAL LEAD TIME -- 12 MONTHS						FOLLOW-ON LEAD TIME -- 0 MONTHS						

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FACT SHEET: C-130 MN-EC130J EC130J SPECIAL MISSION (CONTINUED)
 PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)								
PROCUREMENT (3010)								
INSTALL KITS							1	8.0
KITS NONRECUR								2.0
EQUIPMENT								1.2
EQUIP NONREC								6.1
CHANGE ORDERS								2.7
DATA								0.5
SIM/TRAINER								
SUPPORT-EQUIP								
TEST								2.0
ICS								1.0
INSTALLATION OF HARDWARE								
FY-98 1 KITS								
TOTAL INSTALL QTY/COST							1	
TOTAL COST (BP-1100)							1	23.5
(TOTALS MAY NOT ADD DUE TO ROUNDING.)								
MILESTONES								
	FY-97	FY-98	FY-99					
CONTRACT-DATE (QTR/FY)		3/98						
DELIVERY-DATE (QTR/FY)		3/99						
INSTALLATION SCHEDULE:	FY-97			FY-98			FY-99	
QUARTERS	1 2 3 4			1 2 3 4			1 2 3 4	
INPUT							1	
OUTPUT								1

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MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB
MODIFICATION TITLE AND NO: TIBS MN-TIBS

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC C-130 CLASS P

MODELS OF AIRCRAFT AFFECTED: C-130

CENTER: ESC

PE 0401115F TEAM MOBIL

DESCRIPTION/JUSTIFICATION: Tactical Information Broadcast System added in FY97 Appropriation language. Program to be defined.

DEVELOPMENT STATUS: N/A.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS			1	4.1								
KITS NONRECUR												
EQUIPMENT												
EQUIP NONREC												
CHANGE ORDERS												
DATA												
SIM/TRAINER												
SUPPORT-EQUIP												
TOTAL COST (BP-1100)			1	4.1								
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION -- ORG/INTERMEDIATE												
INITIAL LEAD TIME -- MONTHS			FOLLOW-ON LEAD TIME -- MONTHS									

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FACT SHEET: C-130 MN-TIBS TIBS
PROJECTED FINANCIAL PLAN (CONTINUED)

(CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
	-----	-----	-----	-----	-----	-----	-----	-----
RDT&E (3600)								
PROCUREMENT (3010)								
INSTALL KITS							1	4.1
KITS NONRECUR								
EQUIPMENT								
EQUIP NONREC								
CHANGE ORDERS								
DATA								
SIM/TRAINER								
SUPPORT-EQUIP								
	-----	-----	-----	-----	-----	-----	-----	-----
TOTAL COST (BP-1100)							1	4.1
(TOTALS MAY NOT ADD DUE TO ROUNDING.)								
MILESTONES								
		FY-97						

CONTRACT-DATE (QTR/FY)		4/97						
DELIVERY-DATE (QTR/FY)		4/98						

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MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC C-130 CLASS P

MODIFICATION TITLE AND NO: UPGRADE C-130 CREW SEAT & BUNK RESTRAINTS MN-KQDME

MODELS OF AIRCRAFT AFFECTED: C-130

CENTER: WR-ALC

PE 0401115F TEAM MOBIL

DESCRIPTION/JUSTIFICATION: Install a shoulder restraint system for the crew bunk and pad all hard surfaces above and behind the lower crew bunk on all C-130 aircraft. The current fixed restraint system installed on the crew bunk is a lap belt only and provides no upper body restraint, and the lap belt allows verticle motion when fully cinched which allows theh occupant to strike objects overhead during turbulence, ditching or crash landings, thus causing potentially fatal injuries. In addition, replaces the in-use MA-8 inertia reel on crew member seats with a more effective one on all C-130 a/c. the current MA-8 fails to lock at initial impact 50-60% of the time. During turbulence, ditchings & crash landings flight deck aircrew members can receive flailing upper torso & head infurries from striiking the control yoke on instrument panel. Spinal injuries are also possible due to the slow locking mechanism. SAFETY MODIFICATION

AIRCRAFT BREAKDOWN: Active -- 303 RES -- 141 ANG -- 246

DEVELOPMENT STATUS: ACC: 1 E, 7 ECE, 14 ECH 9 HCP AETC: 45 E, 3 MCH , 4 MCP AFMC: 1 NCA, 1 NCE, 1 ECH, 2 NCH AFR: 31 E, 8 MCE, 79 H, 10 WCH, 4 HCN, 4 HCP, 5 MCP AFSOC: 4 E, 6 MCE, 8 ACH, 21 MCH, 19 MCP, 13 ACU AMC: 51 E, 43 H ANG: 72 E, 8 ECE, 146 H, 7 LCH, 6 HCN, 7 HCP PACAF: 13 E, 18 H USAFE: 19 E

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS							690	4.2				
KITS NONRECUR												
EQUIPMENT												
EQUIP NONREC												
CHANGE ORDERS												
DATA												
SIM/TRAINER												
SUPPORT-EQUIP												
TOTAL COST (BP-1100)							690	4.2				
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION -- ORG/INTERMEDIATE												
INITIAL LEAD TIME -- 12 MONTHS												
FOLLOW-ON LEAD TIME -- 0 MONTHS												

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FACT SHEET: C-130 MN-_KQDME UPGRADE C-130 CREW SEAT & BUNK RESTRAINTS (CONTINUED)
 PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)								
PROCUREMENT (3010)								
INSTALL KITS							690	4.2
KITS NONRECUR								
EQUIPMENT								
EQUIP NONREC								
CHANGE ORDERS								
DATA								0.0
SIM/TRAINER								
SUPPORT-EQUIP								
TOTAL COST (BP-1100)							690	4.2
(TOTALS MAY NOT ADD DUE TO ROUNDING.)								
MILESTONES								
	FY-97	FY-98	FY-99					
	-----	-----	-----					
CONTRACT-DATE (QTR/FY)			1/99					
DELIVERY-DATE (QTR/FY)			1/00					

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MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE

MODIFICATION TITLE AND NO: LIQUID OXYGEN SYSTEM (LOX) MN-SWCGC

CLC C-130 CLASS P

MODELS OF AIRCRAFT AFFECTED: C-130

CENTER: WR-ALC

PE 0401115F TEAM MOBIL

DESCRIPTION/JUSTIFICATION: Installation of a coil tube type heat exchanger of 200 liters per minute flow capacity to be retrofitted in the place of current heat exchangers on all C-130 a/c presently equipped with single LOX converters and dual flatplate heat exchangers. The current LOX converter is rated at 150 liters per minute flow capacity and the flat plate heat exchangers downstream are rated at only a combined 70 liters per minute which can cause excessively low oxygen gas temperature to large crews in emergency situations which has resulted in mission abort due to lack of sufficient oxygen to the crew.

AIRCRAFT BREAKDOWN: Active -- 251 RES -- 126 ANG -- 229

DEVELOPMENT STATUS: AMC: 48 E, 43 H ACC: 1 E, 7 ECE, 12 ECH ANG: 68 E, 146 H, 8 ECE, 7 LCH AFSOC: 4 E, 6 MCE, 21 MCH, 13 ACU
AETC: 43E, 3 MCH AFMC: 2 NCH AFR: 29 E, 79 H, 10 WCH, 8 MCE PACAF: 12 E, 18 H USAFE: 18 E

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS					199	0.8	407	1.6				
KITS NONRECUR												
EQUIPMENT												
EQUIP NONREC												
CHANGE ORDERS												
DATA						0.2						
SIM/TRAINER												
SUPPORT-EQUIP												
OGC												
INSTALLATION OF HARDWARE												
FY-98 199 KITS							(250)	1.4				
FY-99 407 KITS									(356)	2.0		
TOTAL INSTALL QTY/COST							250	1.4	356	2.0		
TOTAL COST (BP-1100)					199	1.0	407	3.0		2.0		
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT/FIELD TEAM												
INITIAL LEAD TIME -- 6 MONTHS						FOLLOW-ON LEAD TIME -- 3 MONTHS						

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FACT SHEET: C-130 MN-_SWCGC LIQUID OXYGEN SYSTEM (LOX) (CONTINUED)
 PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL			
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT		
RDT&E (3600)										
PROCUREMENT (3010)										
INSTALL KITS							606	2.4		
KITS NONRECUR										
EQUIPMENT										
EQUIP NONREC										
CHANGE ORDERS										
DATA								0.2		
SIM/TRAINER										
SUPPORT-EQUIP										
OGC								0.0		
INSTALLATION OF HARDWARE										
FY-98 199 KITS							(250)	1.4		
FY-99 407 KITS							(356)	2.0		
TOTAL INSTALL QTY/COST							606	3.4		
TOTAL COST (BP-1100)							606	6.0		
(TOTALS MAY NOT ADD DUE TO ROUNDING.)										
MILESTONES										
	FY-97	FY-98	FY-99	FY-00	FY-01					
CONTRACT-DATE (QTR/FY)		4/98	3/99							
DELIVERY-DATE (QTR/FY)		2/99	4/99							
INSTALLATION SCHEDULE:	FY-97		FY-98			FY-99		FY-00		FY-01
QUARTERS	1 2 3 4		1 2 3 4			1 2 3 4		1 2 3 4		1 2 3 4
INPUT						60 90 100		90 90 89 87		
OUTPUT						60 90 100		90 90 89 87		87

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MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB

MODIFICATION TITLE AND NO: ENHANCED TCAS (TCAS II) MN_TXTUR

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC C-130 CLASS P

MODELS OF AIRCRAFT AFFECTED: C-130

CENTER: WR-ALC

PE 0401115F TEAM MOBIL

DESCRIPTION/JUSTIFICATION: Will install an Enhanced Traffic Alert and Collision Avoidance System (ETCAS) including Mod S.

DEVELOPMENT STATUS: N/A

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS					54	1.7						
KITS NONRECUR					3	0.8						
EQUIPMENT					(54)	7.6						
EQUIP NONREC					(3)	2.2						
CHANGE ORDERS									1.0			
DATA									2.9			
SIM/TRAINER							(11)		2.5			
SUPPORT-EQUIP									2.0			
FLIGHT TEST						0.5						
OGC						1.0			1.5			
SOFTWARE									2.6			
INSTALLATION OF HARDWARE												
FY-98 57 KITS							(54)	5.7				
TOTAL INSTALL QTY/COST							54	5.7				
TOTAL COST (BP-1100)					57	13.8		18.2				
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT/FIELD TEAM												
INITIAL LEAD TIME -- 9 MONTHS						FOLLOW-ON LEAD TIME -- 9 MONTHS						

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FACT SHEET: C-130 MN-_TXTUR ENHANCED TCAS (TCAS II) (CONTINUED)
 PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)								
PROCUREMENT (3010)								
INSTALL KITS							54	1.7
KITS NONRECUR							3	0.8
EQUIPMENT								7.6
EQUIP NONREC								2.2
CHANGE ORDERS								1.0
DATA								2.9
SIM/TRAINER								2.5
SUPPORT-EQUIP								2.0
FLIGHT TEST								0.5
OGC								2.5
SOFTWARE								2.6
INSTALLATION OF HARDWARE								
FY-98 57 KITS							(54)	5.7
TOTAL INSTALL QTY/COST							54	5.7
TOTAL COST (BP-1100)							57	32.0
(TOTALS MAY NOT ADD DUE TO ROUNDING.)								
MILESTONES								
	FY-97	FY-98	FY-99	FY-00				
CONTRACT-DATE (QTR/FY)		3/98						
DELIVERY-DATE (QTR/FY)		2/99						
INSTALLATION SCHEDULE:	FY-97		FY-98		FY-99		FY-00	
QUARTERS	1 2 3 4		1 2 3 4		1 2 3 4		1 2 3 4	
INPUT					3 27 27			
OUTPUT					3 27 27			

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)								DATE FEBRUARY 1998
APPROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT AF/AIRCRAFT MODIFICATIONS				P-1 ITEM NOMENCLATURE: C-135				
	1997	1998	1999	2000	2001	2002	2003	
COST (In Mil)	\$233.516	\$143.573	\$291.070	\$412.758	\$421.119	\$310.417	\$367.172	

This line item funds modifications to the C-135 and KC-135 aircraft. The C-135 is a four engine aircraft used for long range cargo and passenger airlift and to support theater commanders. The four engine KC-135 provides air refueling through either the refueling boom or drogue. As a cargo aircraft, the KC-135 can carry 6 standard 463-L pallets. The primary modification budgeted in FY99 is the avionics modernization program Pacer Craig. Other modifications are budgeted to enhance operational capability while improving flight safety, reliability, and maintainability. The specific modifications budgeted and programmed are below.

CLASS	MOD NR	MODIFICATION TITLE	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	COST TO GO	TOTAL PROG.
P-S	10408A	AERIAL REFUELING PUMP AUTOMATI	0.1								8.1
	99999A	LOW COST SAFETY MODIFICATIONS	0.3		1.4	1.3	1.0	1.3	2.0	1.3	9.4
		CLASS P-S TOTAL FOR C-135	0.4		1.4	1.3	1.0	1.3	2.0	1.3	
P	10402B	FUEL SAVINGS ADVISORY SYSTEM (	1.1	0.5	0.3						102.3
	16405X	SCOPE RELOCATION	0.1								0.3
	17403B	STANDARD FLIGHT DATA RECORDER	2.4	0.4	2.4	0.3	0.2	0.3			16.1
	2984X	NUCLEAR HARDENING	0.1	0.1	0.6						1.1
	3009E	C-135 REENGINE	50.0	0.1	3.0						491.3
	3009X	AUDIBLE COCKPIT WARNING	0.1	0.2	0.1						0.9
	3009Y	RELOCATE S/V BOX	0.2	0.1	0.1						0.9
	3042	STANDARD VHF AM/FM RADIO	2.3	0.2							6.7
	3149	NAVIGATION AND SAFETY UPGRADE	12.2	2.4	2.5						17.2
	3149F	FLIGHT DATA RECORDER & COCKPIT			7.4	13.8	33.3	33.7	27.1	9.4	124.7
	3149FL	NAVIGATION & SAFETY (FLEET)							30.0		30.0
	3150PC	PACER CRAG (COMPASS, RADAR, AN	86.0	96.2	139.2	170.7	90.8				693.7
	3156	PACER LINK PH II	0.8	0.8							251.3
	3353	HF AUTO COMM PROCESSOR (ACP)	7.9		0.3	0.2					19.8
	3368	GROUND COLLISION AVOIDANCE SYS	29.5	3.3	13.3	18.4	8.2	1.9			84.8
	4310	INTERPHONE REPLACEMENT		3.0	25.0	15.2	1.1				44.3
	48604B	INSTALLATION OF WINDOW EDGE HE	0.2								2.7
	6030	REDUCED VERTICAL SEPARATION MI	4.0	6.0	23.9	23.7	22.5	13.5			93.6
	9605	INMARSAT AND SATCOM UPGRADE		1.6							1.6
	9611	KC-135R CINC A/C				29.2	46.5				75.7
	9702	8.33 KHZ VFH RADIO			9.9	25.1	64.3	70.5	14.4		184.2
	9709	GLOBAL AIR TRAFFIC MANAGEMENT			29.9	46.0	85.6	148.4	260.4	162.4	732.7
	99999S	SERVICE BULLETINS	0.5		1.4	1.0	1.2	1.3	1.7	2.4	11.1
	99999U	LOW COST RETROFIT MODS	0.3								2.3
	99999X	LOW COST MODIFICATIONS	0.7		1.3	1.0	0.4	0.1	1.8		7.4

Totals may not add due to rounding.

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)								DATE FEBRUARY 1998
APPROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT AF/AIRCRAFT MODIFICATIONS				P-1 ITEM NOMENCLATURE: C-135				
	1997	1998	1999	2000	2001	2002	2003	
COST (In Mil)	\$233.516	\$143.573	\$291.070	\$412.758	\$421.119	\$310.417	\$367.172	

CLASS	MOD NR	MODIFICATION TITLE	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	COST TO GO	TOTAL PROG.
P	KC4218	HIGH RELIABILITY MAINT FREE BA	1.7	3.6	4.0	2.3	1.8	0.8			17.6
	KC4231	MULTIPOINT REFUELING	33.1	22.1	7.9	40.3	41.8	11.6			169.8
	SIM135	SIMULATOR UPGRADE			17.3	24.4	22.3	27.1	29.9		121.0
	Z88888	REPROGRAMMINGS		2.9							6.7
	CLASS P	TOTAL FOR C-135	233.1	143.5	289.7	411.5	420.1	309.1	365.2	174.2	
	TOTAL FOR C-135		233.5	143.6	291.1	412.8	421.1	310.4	367.2	175.5	

Totals may not add due to rounding.

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MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE

MODIFICATION TITLE AND NO: FUEL SAVINGS ADVISORY SYSTEM (FSAS) MN-10402B

CLC C-135 CLASS P

MODELS OF AIRCRAFT AFFECTED: KC-135

CENTER: OC-ALC

PE 0401218F TEAM MOBIL

DESCRIPTION/JUSTIFICATION: Installs kit procured FY90 and prior. Kit procurement and installations differ due to aircraft being removed from inventory prior to installations occurring.

AIRCRAFT BREAKDOWN: Active -- 291 RES -- 72 ANG -- 225

DEVELOPMENT STATUS:

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS	592	73.9										
KITS NONRECUR		6.5										
EQUIPMENT												
EQUIP NONREC												
CHANGE ORDERS		5.8										
DATA		5.4										
SIM/TRAINER												
SUPPORT-EQUIP		4.2										
MOD OF SPARES (6)		2.0										
INSTALLATION OF HARDWARE												
FY-89 592 KITS (558)		2.5	(15)	1.1	(9)	0.5	(6)	0.3				
TOTAL INSTALL QTY/COST	558	2.5	15	1.1	9	0.5	6	0.3				
TOTAL COST (BP-1100)	592	100.3		1.1		0.5		0.3				
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT												
INITIAL LEAD TIME -- 1 MONTHS						FOLLOW-ON LEAD TIME -- 1 MONTHS						

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FACT SHEET: C-135 MN-10402B FUEL SAVINGS ADVISORY SYSTEM (FSAS) (CONTINUED)
 PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL														
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT													
RDT&E (3600)																					
PROCUREMENT (3010)																					
INSTALL KITS							592	73.9													
KITS NONRECUR								6.5													
EQUIPMENT																					
EQUIP NONREC																					
CHANGE ORDERS								5.8													
DATA								5.4													
SIM/TRAINER																					
SUPPORT-EQUIP								4.2													
MOD OF SPARES								2.0													
INSTALLATION OF HARDWARE																					
FY-89 592 KITS							(588)	4.5													
TOTAL INSTALL QTY/COST							588	4.5													
TOTAL COST (BP-1100)							592	102.3													
(TOTALS MAY NOT ADD DUE TO ROUNDING.)																					
MILESTONES																					
	FY-89	FY-90	FY-91	FY-92	FY-93	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99										
CONTRACT-DATE (QTR/FY)	1/89																				
DELIVERY-DATE (QTR/FY)	1/89																				
INSTALLATION SCHEDULE:	FY-89	FY-90		FY-91			FY-92			FY-93											
QUARTERS	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	
INPUT		500																			
OUTPUT		500																			
INSTALLATION SCHEDULE:	FY-94	FY-95			FY-96				FY-97				FY-98								
QUARTERS	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	
INPUT	2 2 1 6	8 9 9 3	4 4 4 6	4 4 4 6	4 4 4 6	4 4 4 6	4 4 4 6	4 4 4 6	4 4 4 6	4 4 4 6	4 4 4 6	4 4 4 6	4 4 4 6	4 4 4 6	4 4 4 6	4 4 4 6	4 4 4 6	4 4 4 6	4 4 4 6	4 4 4 6	
OUTPUT	2 2 1 6	8 9 9 3	4 4 4 6	4 4 4 6	4 4 4 6	4 4 4 6	4 4 4 6	4 4 4 6	4 4 4 6	4 4 4 6	4 4 4 6	4 4 4 6	4 4 4 6	4 4 4 6	4 4 4 6	4 4 4 6	4 4 4 6	4 4 4 6	4 4 4 6	4 4 4 6	
INSTALLATION SCHEDULE:	FY-99																				
QUARTERS	1 2 3 4																				
INPUT	6																				
OUTPUT	6																				

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MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC C-135 CLASS P

MODIFICATION TITLE AND NO: STANDARD FLIGHT DATA RECORDER MN-17403B

MODELS OF AIRCRAFT AFFECTED: KC-135

CENTER: OC-ALC

PE 0401218F TEAM MOBIL

DESCRIPTION/JUSTIFICATION: This modification will incorporate a Standard Army-Navy-Air Force Flight Data Recorder (SFDR). It is a data collection system designed to provide aircraft structural analysis and other pertinent data. It will replace the existing MXU-553 Aircraft Structural Integrity Program (ASIP) recorder.

AIRCRAFT BREAKDOWN: Active -- 21 RES -- 1 ANG -- 3

DEVELOPMENT STATUS: Development complete.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS	24	1.8	1	0.5								
KITS NONRECUR		1.5										
EQUIPMENT	(24)	2.6	(1)	0.2								
EQUIP NONREC		0.5										
CHANGE ORDERS												
DATA		2.3						0.2				
SIM/TRAINER												
SUPPORT-EQUIP		1.2		0.4								
SOFTWARE				1.2		0.3		1.5				
OGC												
INSTALLATION OF HARDWARE												
FY-93 3 KITS	(3)	0.1										
FY-95 8 KITS			(2)	0.1	(2)	0.1	(4)	0.3				
FY-96 13 KITS							(7)	0.5	(5)	0.3	(1)	0.1
FY-97 1 KITS											(1)	0.1
TOTAL INSTALL QTY/COST	3	0.1	2	0.1	2	0.1	11	0.7	5	0.3	2	0.2
TOTAL COST (BP-1100)	24	10.1	1	2.4		0.4		2.4		0.3		0.2

(TOTALS MAY NOT ADD DUE TO ROUNDING.)

METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT/FIELD TEAM

INITIAL LEAD TIME -- 6 MONTHS

FOLLOW-ON LEAD TIME -- 12 MONTHS

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FACT SHEET: C-135 MN-17403B STANDARD FLIGHT DATA RECORDER (CONTINUED)
 PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL		
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	
RDT&E (3600)									
PROCUREMENT (3010)									
INSTALL KITS							25	2.3	
KITS NONRECUR								1.5	
EQUIPMENT								2.8	
EQUIP NONREC								0.5	
CHANGE ORDERS									
DATA		0.3						2.8	
SIM/TRAINER									
SUPPORT-EQUIP								1.6	
SOFTWARE								3.0	
OGC								0.1	
INSTALLATION OF HARDWARE									
FY-93 3 KITS							(3)	0.1	
FY-95 8 KITS							(8)	0.5	
FY-96 13 KITS							(13)	0.9	
FY-97 1 KITS							(1)	0.1	
TOTAL INSTALL QTY/COST							25	1.5	
TOTAL COST (BP-1100)		0.3					25	16.1	
(TOTALS MAY NOT ADD DUE TO ROUNDING.)									
MILESTONES									
	FY-93	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01
CONTRACT-DATE (QTR/FY)	1/93		2/95	1/96	1/97				
DELIVERY-DATE (QTR/FY)	3/93		2/96	1/97	1/98				
INSTALLATION SCHEDULE:	FY-93		FY-94		FY-95			FY-96	
QUARTERS	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4
INPUT	1	1			1	1			1 1
OUTPUT			1			1		1	
INSTALLATION SCHEDULE:	FY-98		FY-99		FY-00			FY-01	
QUARTERS	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	
INPUT		2 2	3 3	3 3	1 1	1 1	2 1		
OUTPUT		1 1	2 4	4 4	2 2	1 1	2 1		

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MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB
MODIFICATION TITLE AND NO: C-135 REENGINE MN-3009E

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC C-135 CLASS P

MODELS OF AIRCRAFT AFFECTED: KC-135

CENTER: OC-ALC

PE 0401218F TEAM MOBIL

DESCRIPTION/JUSTIFICATION: Modifies KC-135E aircraft with more powerful, fuel efficient F108 (CFM-56) engines, allowing takeoff on shorter runways with higher gross weights. The cleaner, quieter F108 engines meet or exceed all noise and pollution standards. Over 25 other systems/sub-systems, including the landing gear, will extend the life of these aircraft into the 21ST century. The installation for the first 15 engines were funded in the year of the engine procurement. The Boeing ReEnginining line produces engines for all variants of the C-135. This may cause the KC-135 deliveries after FY96 to vary with regards to the stated follow-on lead time. As a result, the program funded the installation of the remaining engines in the earliest year Boeing could deliver the engines.

AIRCRAFT BREAKDOWN: Active -- 0 RES -- 9 ANG -- 13

DEVELOPMENT STATUS: N/A

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS	20	142.6	2	17.6								
KITS NONRECUR												
EQUIPMENT												
EQUIP NONREC		3.5										
CHANGE ORDERS	(1)	2.5		2.4								
DATA		8.0		0.7								
SIM/TRAINER												
SUPPORT-EQUIP		1.0										
ROUNDING	(80)	262.3	(8)	26.8								
OGC						0.1						
INSTALLATION OF HARDWARE												
FY-93 15 KITS	(15)	13.6										
FY-94 1 KITS			(1)	1.0								
FY-96 4 KITS	(3)	4.8	(1)	1.5								
FY-97 2 KITS							(2)	3.0				
TOTAL INSTALL QTY/COST	18	18.4	2	2.5			2	3.0				
TOTAL COST (BP-1100)	20	438.2	2	50.0		0.1		3.0				

(TOTALS MAY NOT ADD DUE TO ROUNDING.)

METHOD OF IMPLEMENTATION: INSTALLATION -- CONTRACTOR FACILITY

INITIAL LEAD TIME -- 24 MONTHS

FOLLOW-ON LEAD TIME -- 24 MONTHS

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*** UNCLASSIFIED ***

FACT SHEET: C-135 MN-3009E C-135 REENGINE
 PROJECTED FINANCIAL PLAN (CONTINUED)

(CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)								
PROCUREMENT (3010)								
INSTALL KITS							22	160.2
KITS NONRECUR								
EQUIPMENT								
EQUIP NONREC								3.5
CHANGE ORDERS								4.9
DATA								8.7
SIM/TRAINER								
SUPPORT-EQUIP								1.0
ROUNDING								289.1
OGC								0.1
INSTALLATION OF HARDWARE								
FY-93 15 KITS							(15)	13.6
FY-94 1 KITS							(1)	1.0
FY-96 4 KITS							(4)	6.3
FY-97 2 KITS							(2)	3.0
TOTAL INSTALL QTY/COST							22	23.9
TOTAL COST (BP-1100)							22	491.3
(TOTALS MAY NOT ADD DUE TO ROUNDING.)								
MILESTONES								
	FY-93	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00
CONTRACT-DATE (QTR/FY)	1/93	4/94		4/96	4/97			
DELIVERY-DATE (QTR/FY)	1/95	4/96		1/98	4/99			
INSTALLATION SCHEDULE:	FY-93		FY-94		FY-95		FY-96	FY-97
QUARTERS	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4
INPUT	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4
OUTPUT							6 4 3 2	1 1 1 1
INSTALLATION SCHEDULE:	FY-98		FY-99		FY-00			
QUARTERS	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4		
INPUT	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4		
OUTPUT			2 1	1 1	1 1	1 1		

*** UNCLASSIFIED ***

DATE 01/26/98

MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE

MODIFICATION TITLE AND NO: STANDARD VHF AM/FM RADIO MN-3042

CLC C-135 CLASS P

MODELS OF AIRCRAFT AFFECTED: KC-135

CENTER: OC-ALC

PE 0401218F TEAM MOBIL

DESCRIPTION/JUSTIFICATION: Data and supplemental kits for VHF radios installed during Desert Storm. Supplemental Group "A" kits required to convert from "quick mod" configuration to "final" mod configuration. Quick mod does not provide access for boom operator.

AIRCRAFT BREAKDOWN: Active -- 256 RES -- 72 ANG -- 220

DEVELOPMENT STATUS: N/A

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS	505	3.6	40	0.2								
KITS NONRECUR	3	0.2										
EQUIPMENT												
EQUIP NONREC												
CHANGE ORDERS		0.3										
DATA		0.2		0.1		0.2						
SIM/TRAINER												
SUPPORT-EQUIP												
INSTALLATION OF HARDWARE												
FY-93 150 KITS			(150)	0.5								
FY-96 358 KITS			(358)	1.3								
FY-97 40 KITS			(40)	0.1								
TOTAL INSTALL QTY/COST			548	2.0								
TOTAL COST (BP-1100)	508	4.3	40	2.3		0.2						

(TOTALS MAY NOT ADD DUE TO ROUNDING.)

METHOD OF IMPLEMENTATION: INSTALLATION -- CONTRACT FIELD TEAM

INITIAL LEAD TIME -- 12 MONTHS

FOLLOW-ON LEAD TIME -- 12 MONTHS

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*** UNCLASSIFIED ***

FACT SHEET: C-135 MN-3042 STANDARD VHF AM/FM RADIO (CONTINUED)
 PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)								
PROCUREMENT (3010)								
INSTALL KITS							545	3.8
KITS NONRECUR							3	0.2
EQUIPMENT								
EQUIP NONREC								
CHANGE ORDERS								0.3
DATA								0.5
SIM/TRAINER								
SUPPORT-EQUIP								
INSTALLATION OF HARDWARE								
FY-93 150 KITS							(150)	0.5
FY-96 358 KITS							(358)	1.3
FY-97 40 KITS							(40)	0.1
TOTAL INSTALL QTY/COST							548	2.0
TOTAL COST (BP-1100)							548	6.7
(TOTALS MAY NOT ADD DUE TO ROUNDING.)								
MILESTONES								
	FY-93	FY-94	FY-95	FY-96	FY-97	FY-98		
CONTRACT-DATE (QTR/FY)	2/93			2/96	1/97			
DELIVERY-DATE (QTR/FY)	2/94			2/97	1/98			
INSTALLATION SCHEDULE:	FY-93		FY-94		FY-95		FY-96	FY-97
QUARTERS	1 2 3 4		1 2 3 4		1 2 3 4		1 2 3 4	1 2 3 4
INPUT								1 2 130 130
OUTPUT								1 2 130 130
INSTALLATION SCHEDULE:	FY-98							
QUARTERS	1 2 3 4							
INPUT	145 120 20							
OUTPUT	145 120 20							

*** UNCLASSIFIED ***

DATE 01/26/98

MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE

MODIFICATION TITLE AND NO: NAVIGATION AND SAFETY UPGRADE MN-3149

CLC C-135 CLASS P

MODELS OF AIRCRAFT AFFECTED:

CENTER: OC-ALC

PE 0401218F TEAM MOBIL

DESCRIPTION/JUSTIFICATION: The Navigation and Safety Upgrade program combines the C/KC-135 Navigation and Safety upgrades on Air Force aircraft designated for DV passenger missions. These modifications include Flight Data Recorder (FDR) and Cockpit Voice Recorder (CVR), Traffic Alert and Collision Avoidance System (TCAS), Ground Proximity Warning System (GPWS), and Emergency Locator Transmitter (ELT). Acquisition through a system integration strategy with a common integration contract and concurrent installation is planned. Of the seven aircraft: three are PACAF, one - AFMC, one- ACC and two - AMC. Modification is IAW SECDEF Letter, 26 Apr 96

AIRCRAFT BREAKDOWN: Active -- 7 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: N/A.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS			7	0.6								
KITS NONRECUR				4.8								
EQUIPMENT			(7)	2.5								
EQUIP NONREC				1.6								
CHANGE ORDERS				1.0								
DATA				2.0		0.2						
SIM/TRAINER				2.1								
SUPPORT-EQUIP												
OGC						0.2						
INSTALLATION OF HARDWARE												
FY-97 7 KITS					(7)	2.0						
TOTAL INSTALL QTY/COST					7	2.0						
TOTAL COST (BP-1100)			7	12.2		2.4		2.5				
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT/FIELD TEAM												
INITIAL LEAD TIME -- 12 MONTHS						FOLLOW-ON LEAD TIME -- 12 MONTHS						

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FACT SHEET: C-135 MN-3149 NAVIGATION AND SAFETY UPGRADE (CONTINUED)
 PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)								
PROCUREMENT (3010)								
INSTALL KITS							7	0.6
KITS NONRECUR								4.8
EQUIPMENT								2.5
EQUIP NONREC								1.6
CHANGE ORDERS								1.0
DATA								2.2
SIM/TRAINER								2.1
SUPPORT-EQUIP								
OGC								0.2
INSTALLATION OF HARDWARE								
FY-97 7 KITS							(7)	2.0
TOTAL INSTALL QTY/COST							7	2.0
TOTAL COST (BP-1100)							7	17.2
(TOTALS MAY NOT ADD DUE TO ROUNDING.)								
MILESTONES								
	FY-97	FY-98	FY-99					
CONTRACT-DATE (QTR/FY)	4/97							
DELIVERY-DATE (QTR/FY)	4/98							
INSTALLATION SCHEDULE:	FY-97			FY-98			FY-99	
QUARTERS	1 2 3 4			1 2 3 4			1 2 3 4	
INPUT							1 2 4	
OUTPUT							1 2 4	

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 *** UNCLASSIFIED ***

*** UNCLASSIFIED ***

DATE 01/26/98

MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE

MODIFICATION TITLE AND NO: FLIGHT DATA RECORDER & COCKPIT VOICE RECORDER MN-3149F

CLC C-135 CLASS P

MODELS OF AIRCRAFT AFFECTED: C/KC -135 & SPECIAL PURPOSE

CENTER: OC-ALC

PE 0401218F TEAM MOBIL

DESCRIPTION/JUSTIFICATION: The Navigation and Safety Upgrade Program (Phase II) combines the C/KC-135 Navigation and Safety Upgrades on Air Force aircraft designated for passenger missions. These modifications includes Flight Data Recorder (FDR), Cockpit Voice Recorder (CVR), and Emergency Locator Transmitter (ELT). Acquisition through a system integrations strategy with a common integration contract and concurrent installation is planned. Direction for implementation of AF Navigation and Safety Master Plan and Policy is contained in the 9 Sep 96AF/XO. SAF/AQ memo "SECDEF - Directed Navigation and Safety Modification", and policy guidance provided in a coordinated AF/XO, AF/SE, AF/XP, and SAF/AQ message, date Mar 97.

AIRCRAFT BREAKDOWN: Active -- 294 RES -- 72 ANG -- 224

DEVELOPMENT STATUS: N/A

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS							6	0.3	85	2.8	209	7.0
KITS NONRECUR												
EQUIPMENT							(6)	0.7	(85)	8.5	(209)	21.5
EQUIP NONREC												
CHANGE ORDERS								0.5		0.6		
DATA								1.0		1.0		0.6
SIM/TRAINER								4.0				
SUPPORT-EQUIP												
OGC								0.8		0.8		0.2
INSTALLATION OF HARDWARE												
FY-99 6 KITS							(3)	0.1	(3)	0.1		
FY-00 85 KITS											(85)	4.1
FY-01 209 KITS												
FY-02 164 KITS												
FY-03 126 KITS												
TOTAL INSTALL QTY/COST							3	0.1	3	0.1	85	4.1
TOTAL COST (BP-1100)							6	7.4	85	13.8	209	33.3

(TOTALS MAY NOT ADD DUE TO ROUNDING.)

METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT/FIELD TEAM

INITIAL LEAD TIME -- 9 MONTHS

FOLLOW-ON LEAD TIME -- 9 MONTHS

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*** UNCLASSIFIED ***

FACT SHEET: C-135 MN-3149F FLIGHT DATA RECORDER & COCKPIT VOICE RECORDER (CONTINUED)
 PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)								
PROCUREMENT (3010)								
INSTALL KITS	164	5.6	126	4.4			590	20.1
KITS NONRECUR								
EQUIPMENT	(164)	17.2	(126)	13.5				61.4
EQUIP NONREC								
CHANGE ORDERS								1.1
DATA		1.9		0.1		2.2		6.7
SIM/TRAINER								4.0
SUPPORT-EQUIP								
OGC		0.1		0.1		0.1		1.9
INSTALLATION OF HARDWARE								
FY-99 6 KITS							(6)	0.3
FY-00 85 KITS							(85)	4.1
FY-01 209 KITS	(180)	8.9					(180)	8.9
FY-02 164 KITS			(180)	9.1			(180)	9.1
FY-03 126 KITS					(139)	7.2	(139)	7.2
TOTAL INSTALL QTY/COST	180	8.9	180	9.1	139	7.2	590	29.7
TOTAL COST (BP-1100)	164	33.7	126	27.1		9.4	590	124.7

(TOTALS MAY NOT ADD DUE TO ROUNDING.)

MILESTONES

	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	FY-04
CONTRACT-DATE (QTR/FY)			2/99	2/00	2/01	2/02	2/03	
DELIVERY-DATE (QTR/FY)			4/99	4/00	4/01	4/02	4/03	

INSTALLATION SCHEDULE:	FY-97				FY-98				FY-99				FY-00				FY-01			
QUARTERS	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
INPUT	1				1				1				1				1			
OUTPUT													1	2	1	1	1	1	1	1

INSTALLATION SCHEDULE:	FY-02				FY-03				FY-04			
QUARTERS	1	2	3	4	1	2	3	4	1	2	3	4
INPUT	45	45	45	45	45	45	45	45	45	45	45	45
OUTPUT	45	45	45	45	45	45	45	45	45	45	45	45

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DATE 01/26/98

MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB

MODIFICATION TITLE AND NO: PACER CRAG (COMPASS, RADAR, AND GPS) MN-3150FC

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC C-135 CLASS P

MODELS OF AIRCRAFT AFFECTED: C/KC-135

CENTER: OC-ALC

PE 0401218F TEAM MOBIL

DESCRIPTION/JUSTIFICATION: The PACER CRAG Program combines the C/KC-135 avionics modifications, Compass Replacement System (CRS), Radar Replacement and Display Modernization (RRDM); and NAVSTAR Global Positioning System (GPS) for acquisition through a systems integration strategy. Integration will be accomplished through incorporation of a COTS/NDI flight (mission) management system, multifunction control display units, electronic horizontal situation indicators (EHSIs), and Electronic Attitude Direction Indicators (EADIs) to include a Standby Attitude Indicator (SAI). To prepare for Global Air Traffic Management (GATM), the new Air Data Computer will comply with Reduced Vertical Separation Minima (RVSM). Accelerate PACER CRAG IAW SECDEF Letter, 26 Apr 96. IAW ADM 10 Mar 97, Traffic Collision Alert and Avoidance System (TCAS) will be acquired as part of this program for large cell formation station keeping and future GATM requirements. FY95 and FY96 contract dates delayed in response to additional flight testing.
AIRCRAFT BREAKDOWN: Active -- 294 RES -- 72 ANG -- 224

DEVELOPMENT STATUS: N/A

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS	46	5.5	101	14.7	90	9.7	121	12.8	174	19.1	54	7.0
KITS NONRECUR	4	5.5						0.1		0.1		
EQUIPMENT	(46)	28.5	(101)	53.2	(90)	52.6	(121)	79.0	(174)	116.6	(54)	37.9
EQUIP NONREC	(4)	7.5										
CHANGE ORDERS		36.5		3.1		5.0				0.8		
DATA		8.0		2.4		1.9		0.2		0.3		2.7
SIM/TRAINER		18.9		13.6								
SUPPORT-EQUIP		0.3										
OGC		0.4		0.8		0.5		0.3		0.1		
SOFTWARE INTG LAB												
INSTALLATION OF HARDWARE												
FY-95	6		(3)	0.5	(2)	1.1						
FY-96	44		(1)		(44)	10.3						
FY-97	101				(72)	16.8	(29)	7.2				
FY-98	90						(90)	22.2				
FY-99	121						(61)	15.1	(60)	15.6		
FY-00	174								(70)	18.2	(104)	28.4
FY-01	54										(54)	14.8
TOTAL INSTALL QTY/COST	3		1	0.5	118	28.1	180	44.4	130	33.8	158	43.2
TOTAL COST (BP-1100)	50	111.0	101	86.0	90	96.2	121	139.2	174	170.7	54	90.8

(TOTALS MAY NOT ADD DUE TO ROUNDING.)

METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT/FIELD TEAM
INITIAL LEAD TIME -- 7 MONTHS

FOLLOW-ON LEAD TIME -- 6 MONTHS

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*** UNCLASSIFIED ***

FACT SHEET: C-135 MN-3150PC PACER CRAG (COMPASS, RADAR, AND GPS) (CONTINUED)
 PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)								
PROCUREMENT (3010)								
INSTALL KITS							586	68.8
KITS NONRECUR							4	5.6
EQUIPMENT								367.7
EQUIP NONREC								7.5
CHANGE ORDERS								45.3
DATA								15.5
SIM/TRAINER								32.5
SUPPORT-EQUIP								0.3
OGC								2.0
SOFTWARE INTG LAB								
INSTALLATION OF HARDWARE								
FY-95 6 KITS							(6)	1.6
FY-96 44 KITS							(44)	10.3
FY-97 101 KITS							(101)	24.0
FY-98 90 KITS							(90)	22.2
FY-99 121 KITS							(121)	30.6
FY-00 174 KITS							(174)	46.6
FY-01 54 KITS							(54)	14.8
TOTAL INSTALL QTY/COST							590	150.0
TOTAL COST (BP-1100)							590	693.7
(TOTALS MAY NOT ADD DUE TO ROUNDING.)								
MILESTONES								
	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02
CONTRACT-DATE (QTR/FY)	1/96	2/97	4/97	1/98	1/99	1/00	1/01	
DELIVERY-DATE (QTR/FY)	3/96	1/98	3/98	4/98	3/99	3/00	3/01	
INSTALLATION SCHEDULE:	FY-95			FY-96			FY-97	
QUARTERS	1 2 3 4			1 2 3 4			1 2 3 4	
INPUT				3			1	
OUTPUT							1 3	
								2 15 33 37 39 41 45 45
INSTALLATION SCHEDULE:	FY-00			FY-01			FY-02	
QUARTERS	1 2 3 4			1 2 3 4			1 2 3 4	
INPUT	45 15 28 42			42 42 42 32				
OUTPUT	45 45 25 42			42 42 42 42 4				

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DATE 01/26/98

MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE

MODIFICATION TITLE AND NO: PACER LINK PH II MN-3156

CLC C-135 CLASS P

MODELS OF AIRCRAFT AFFECTED: EC-135

CENTER: OC-ALC

PE 0101312F TEAM INFO

DESCRIPTION/JUSTIFICATION: Replaces components (UHF radios, multiplexer, switchboard, interphone) with ElectroMagnetic Pulse (EMP) hardened components. To accommodate supportability problems with the ARC-89 radio, an early swapout on EC-135 aircraft was accomplished. Reduces CINC's ABNCE and STRATCOM's relay aircraft configurations from 7 to 2. Modification cost varies by aircraft model and mission. Installs and kit quantity differ by 13 kits due to force structure changes.

AIRCRAFT BREAKDOWN: Active -- 26 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: N/A

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS	32	30.3										
KITS NONRECUR	7	7.3										
EQUIPMENT (32)		73.0										
EQUIP NONREC (7)		47.8										
CHANGE ORDERS		36.4										
DATA		16.4										
SIM/TRAINER		5.6										
SUPPORT-EQUIP		28.5										
ICS		4.5		0.8		0.8						
OGC												
INSTALLATION OF HARDWARE												
FY-89 39 KITS (11)												
TOTAL INSTALL QTY/COST	26											
TOTAL COST (BP-1100)	39	249.8		0.8		0.8						
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION -- CONTRACTOR FACILITY												
INITIAL LEAD TIME -- 18 MONTHS						FOLLOW-ON LEAD TIME -- 18 MONTHS						

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*** UNCLASSIFIED ***

FACT SHEET: C-135 MN-3156 PACER LINK PH II (CONTINUED)
 PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)								
PROCUREMENT (3010)								
INSTALL KITS							32	30.3
KITS NONRECUR							7	7.3
EQUIPMENT								73.0
EQUIP NONREC								47.8
CHANGE ORDERS								36.4
DATA								16.4
SIM/TRAINER								5.6
SUPPORT-EQUIP								28.5
ICS								6.0
OGC								0.0
INSTALLATION OF HARDWARE								
FY-89 39 KITS							(11)	
TOTAL INSTALL QTY/COST							26	
TOTAL COST (BP-1100)							39	251.3
(TOTALS MAY NOT ADD DUE TO ROUNDING.)								

MILESTONES

	FY-89	FY-90	FY-91	FY-92
CONTRACT-DATE (QTR/FY)	1/89			
DELIVERY-DATE (QTR/FY)	3/90			
INSTALLATION SCHEDULE:	FY-89	FY-90	FY-91	FY-92
QUARTERS	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4
INPUT	8 1 1 1	2 2 2 2	1 1 1 2	2 1 1 1
OUTPUT	6 1 1 1	1 2 2 2	1 2 1 1	3 1 3 2

*** UNCLASSIFIED ***

DATE 01/26/98

MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE

MODIFICATION TITLE AND NO: HF AUTO COMM PROCESSOR (ACP) MN-3353

CLC C-135 CLASS P

MODELS OF AIRCRAFT AFFECTED: KC-135

CENTER: OC-ALC

PE 0401218F TEAM MOBIL

DESCRIPTION/JUSTIFICATION: Incorporates an Automatic Communications Processor (ACP) in C/KC-135 aircraft. This provides command and control compatibility with AMC and significantly enhances high frequency capabilities.

AIRCRAFT BREAKDOWN: Active -- 256 RES -- 72 ANG -- 224

DEVELOPMENT STATUS: None.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS	346	2.2	206	1.6								
KITS NONRECUR		0.4										
EQUIPMENT	(346)	7.8	(206)	6.2								
EQUIP NONREC												
CHANGE ORDERS												
DATA							0.2		0.2			
SIM/TRAINER		0.9										
SUPPORT-EQUIP												
OGC		0.1		0.2								
TOTAL COST (BP-1100)	346	11.3	206	7.9			0.3		0.2			
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION -- ORG/INTERMEDIATE												
INITIAL LEAD TIME -- 9 MONTHS						FOLLOW-ON LEAD TIME -- 12 MONTHS						

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*** UNCLASSIFIED ***

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FACT SHEET: C-135 MN-3353 HF AUTO COMM PROCESSOR (ACP) (CONTINUED)
 PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)								
PROCUREMENT (3010)								
INSTALL KITS							552	3.8
KITS NONRECUR								0.4
EQUIPMENT								14.0
EQUIP NONREC								
CHANGE ORDERS								
DATA								0.4
SIM/TRAINER								0.9
SUPPORT-EQUIP								
OGC								0.3
TOTAL COST (BP-1100)							552	19.8
(TOTALS MAY NOT ADD DUE TO ROUNDING.)								
MILESTONES								
	FY-95	FY-96	FY-97					
CONTRACT-DATE (QTR/FY)	4/95	3/96	1/97					
DELIVERY-DATE (QTR/FY)	3/96	2/97	1/98					

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MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE

MODIFICATION TITLE AND NO: GROUND COLLISION AVOIDANCE SYSTEM MN-3368

CLC C-135 CLASS P

MODELS OF AIRCRAFT AFFECTED: C/KC-135

CENTER: OC-ALC

PE 0401218F TEAM MOBIL

DESCRIPTION/JUSTIFICATION: Installs system that alerts aircrew to flight profiles that project an impact with the ground. ASP Jul 97, RFP released Aug 97, Award 12 Sep 97, FY96 install dollars to be used for prototype installs in FY98. This mod is an ECP to Pacer CRAG (MN-3150PC) and depends on the 29 Sep 97 Production Decision.

AIRCRAFT BREAKDOWN: Active -- 293 RES -- 72 ANG -- 225

DEVELOPMENT STATUS: Development complete. USAF directed restructure to allow NDI or modified OTS alternatives. FAA approved fourth generation system to be installed.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS	89	2.8	150	5.0			121	4.2	174	5.8	54	2.6
KITS NONRECUR			2	12.6								
EQUIPMENT	(89)	4.4	(150)	7.8			(121)	6.8	(174)	9.9	(54)	3.2
EQUIP NONREC		2.4	(2)									
CHANGE ORDERS												
DATA		0.2		3.0				0.3		0.4		0.1
SIM/TRAINER				1.0	(3)	3.3						
SUPPORT-EQUIP		0.4										
OGC				0.1				0.8		0.8		0.9
INSTALLATION OF HARDWARE												
FY-96 89 KITS					(2)		(87)	0.6				
FY-97 152 KITS					(2)		(93)	0.6	(57)	0.5		
FY-99 121 KITS									(121)	1.0		
FY-00 174 KITS									(2)		(172)	1.4
FY-01 54 KITS											(8)	
TOTAL INSTALL QTY/COST					4		180	1.2	180	1.5	180	1.4
TOTAL COST (BP-1100)	89	10.2	152	29.5		3.3	121	13.3	174	18.4	54	8.2
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT/FIELD TEAM												
INITIAL LEAD TIME -- 8 MONTHS						FOLLOW-ON LEAD TIME -- 6 MONTHS						

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FACT SHEET: C-135 MN-3368 GROUND COLLISION AVOIDANCE SYSTEM (CONTINUED)
 PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)								
PROCUREMENT (3010)								
INSTALL KITS							588	20.4
KITS NONRECUR							2	12.6
EQUIPMENT								32.1
EQUIP NONREC								2.4
CHANGE ORDERS								
DATA		0.5						4.5
SIM/TRAINER								4.3
SUPPORT-EQUIP								0.4
OGC		0.9						3.5
INSTALLATION OF HARDWARE								
FY-96 89 KITS							(89)	0.6
FY-97 152 KITS							(152)	1.1
FY-99 121 KITS							(121)	1.0
FY-00 174 KITS							(174)	1.4
FY-01 54 KITS (46)		0.5					(54)	0.5
TOTAL INSTALL QTY/COST	46	0.5					590	4.6
TOTAL COST (BP-1100)		1.9					590	84.8
(TOTALS MAY NOT ADD DUE TO ROUNDING.)								

MILESTONES	FY-92	FY-93	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02
CONTRACT-DATE (QTR/FY)				2/95	4/97	4/97	1/98	1/99	1/00	1/01	
DELIVERY-DATE (QTR/FY)				4/95	3/98	3/98	3/98	3/99	3/00	3/01	
INSTALLATION SCHEDULE:	FY-97			FY-98			FY-99		FY-00		FY-01
QUARTERS	1 2 3 4			1 2 3 4			1 2 3 4		1 2 3 4		1 2 3 4
INPUT	1			4			45 45 45 45		45 45 45 45		45 45 45 45
OUTPUT					4	45	45 45 45 45		45 45 45 45		45 45 45 45
INSTALLATION SCHEDULE:	FY-02										
QUARTERS	1 2 3 4										
INPUT	45	1									
OUTPUT	45	1									

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MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE

MODIFICATION TITLE AND NO: INTERPHONE REPLACEMENT MN-4310

CLC C-135 CLASS P

MODELS OF AIRCRAFT AFFECTED: C/KC-135 WITH AIC-10 INTERPHONE

CENTER: OC-ALC

PE 0401218F TEAM MOBIL

DESCRIPTION/JUSTIFICATION: Replaces AIC-10 Interphone equipped -135 aircraft with improved interphone system.

AIRCRAFT BREAKDOWN: Active -- 260 RES -- 72 ANG -- 220

DEVELOPMENT STATUS:

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS					24	0.1	335	1.3	193	0.8		
KITS NONRECUR												
EQUIPMENT					(24)	1.8	(335)	23.5	(193)	13.5		
EQUIP NONREC						1.0						
CHANGE ORDERS								1.0				
DATA												1.0
SIM/TRAINER												
SUPPORT-EQUIP												
OGC						0.1		0.1		0.1		0.1
TOTAL COST (BP-1100)					24	3.0	335	25.0	193	15.2		1.1
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION -- ORG/INTERMEDIATE												
INITIAL LEAD TIME -- 15 MONTHS						FOLLOW-ON LEAD TIME -- 6 MONTHS						

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FACT SHEET: C-135 MN-4310 INTERPHONE REPLACEMENT (CONTINUED)
 PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)								
PROCUREMENT (3010)								
INSTALL KITS							552	2.2
KITS NONRECUR								
EQUIPMENT								38.8
EQUIP NONREC								1.0
CHANGE ORDERS								1.0
DATA								1.0
SIM/TRAINER								
SUPPORT-EQUIP								
OGC								0.2
TOTAL COST (BP-1100)							552	44.3
(TOTALS MAY NOT ADD DUE TO ROUNDING.)								
MILESTONES								
	FY-97	FY-98	FY-99	FY-00	FY-01			
CONTRACT-DATE (QTR/FY)		2/98	1/99	1/00	1/01			
DELIVERY-DATE (QTR/FY)		4/98	3/99	3/00	3/01			

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MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE

MODIFICATION TITLE AND NO: REDUCED VERTICAL SEPARATION MINIMA MN-6030

CLC C-135 CLASS P

MODELS OF AIRCRAFT AFFECTED: C/KC-135 CINC SUPPORT AIRCRAFT

CENTER: OC-ALC

PE 0401218F TEAM MOBIL

DESCRIPTION/JUSTIFICATION: Install precision altitude measuring equipment on aircraft to allow KC-135R aircraft to operate in premium, reduced vertical separation ICAO Airspace over the North Atlantic. Obligates upon Congressional approval of FY97 New Start.

AIRCRAFT BREAKDOWN: Active -- 8 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: N/A

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS			8	0.1	25	0.3	175	1.9	170	1.9	155	1.7
KITS NONRECUR				0.4								
EQUIPMENT			(8)	0.8	(25)	2.2	(175)	15.2	(170)	14.8	(155)	13.9
EQUIP NONREC				2.0		1.8						
CHANGE ORDERS				0.1		0.6		0.9		0.9		0.9
DATA						0.5		0.1		0.1		0.1
SIM/TRAINER												
SUPPORT-EQUIP				0.1								
OGC					(25)	0.7		0.7		0.6		0.1
OGC						0.3		0.3		0.4		0.4
INSTALLATION OF HARDWARE												
FY-97 8 KITS			(8)	0.4								
FY-98 25 KITS					(2)	0.3	(23)	0.9				
FY-99 175 KITS							(98)	3.9	(77)	3.0		
FY-00 170 KITS									(53)	2.0	(117)	2.5
FY-01 155 KITS											(41)	3.0
FY-02 57 KITS												
TOTAL INSTALL QTY/COST			8	0.4	2	0.3	121	4.8	130	5.0	158	5.4
TOTAL COST (BP-1100)			8	4.0	25	6.0	175	23.9	170	23.7	155	22.5

(TOTALS MAY NOT ADD DUE TO ROUNDING.)

METHOD OF IMPLEMENTATION: INSTALLATION -- CONTRACTOR FACILITY

INITIAL LEAD TIME -- 12 MONTHS

FOLLOW-ON LEAD TIME -- 5 MONTHS

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FACT SHEET: C-135 MN-6030 REDUCED VERTICAL SEPARATION MINIMA (CONTINUED)
 PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)								
PROCUREMENT (3010)								
INSTALL KITS	57	0.7					590	6.6
KITS NONRECUR								0.5
EQUIPMENT (57)		5.0						51.9
EQUIP NONREC								3.8
CHANGE ORDERS		0.4						3.8
DATA		0.1						0.9
SIM/TRAINER								
SUPPORT-EQUIP								0.1
OGC		0.4						2.5
OGC		0.3						1.7
INSTALLATION OF HARDWARE								
FY-97 8 KITS							(8)	0.4
FY-98 25 KITS							(25)	1.2
FY-99 175 KITS							(175)	6.9
FY-00 170 KITS							(170)	4.5
FY-01 155 KITS (114)		4.4					(155)	7.4
FY-02 57 KITS (57)		2.2					(57)	2.2
TOTAL INSTALL QTY/COST	171	6.6					590	22.5
TOTAL COST (BP-1100)	57	13.5					590	93.6
(TOTALS MAY NOT ADD DUE TO ROUNDING.)								

MILESTONES

	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03
CONTRACT-DATE (QTR/FY)	1/97	1/99	1/99	1/00	1/01	1/02	
DELIVERY-DATE (QTR/FY)	3/97	3/99	4/99	3/00	3/01	3/02	

INSTALLATION SCHEDULE:	FY-97				FY-98				FY-99				FY-00				FY-01				
QUARTERS	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	
INPUT			4	4				1	1	30	30	30	31	31	33	33	33	38	40	40	40
OUTPUT									8	2	30	30	30	31	31	33	33	33	38	40	40

INSTALLATION SCHEDULE:	FY-02				FY-03			
QUARTERS	1	2	3	4	1	2	3	4
INPUT	42	44	44	41				
OUTPUT	40	42	44	44	41			

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MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB

MODIFICATION TITLE AND NO: 8.33 KHZ VFH RADIO MN-9702

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC C-135 CLASS P

MODELS OF AIRCRAFT AFFECTED:

CENTER: OC-ALC

PE 0401218F TEAM MOBIL

DESCRIPTION/JUSTIFICATION: Increasing use will be made of VHF data links with data eventually being used more than voice. Presently aside from the 25 kHz Double Side Band Amplitude Modulated (DSB-AM) operations for the support of voice communications and character oriented data communications using Medium Shift Keying (MSK), there are additional modes of operation defined: 8.33kHz DSB-AM voice operation provides an early relief for those areas experiencing a shortage of assignable voice channels at present.

AIRCRAFT BREAKDOWN: Active -- 294 RES -- 72 ANG -- 224

DEVELOPMENT STATUS:

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS							18	1.1	85	4.8	244	13.4
KITS NONRECUR								2.5		0.5		0.5
EQUIPMENT							(18)	2.7	(85)	12.9	(244)	37.1
EQUIP NONREC								1.4		0.3		0.3
CHANGE ORDERS										0.5		0.3
DATA								1.0		0.6		0.5
SIM/TRAINER										3.0		
SUPPORT-EQUIP												
WARRANTY								0.1		3.0		7.2
OGC								0.3		0.3		0.3
INSTALLATION OF HARDWARE												
FY-99 18 KITS									(18)	0.9		
FY-00 85 KITS											(85)	4.1
FY-01 244 KITS												
FY-02 243 KITS												
TOTAL INSTALL QTY/COST									18	0.9	85	4.1
TOTAL COST (BP-1100)							18	9.9	85	25.1	244	64.3
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT/FIELD TEAM												
INITIAL LEAD TIME -- 12 MONTHS						FOLLOW-ON LEAD TIME -- 6 MONTHS						

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FACT SHEET: C-135 MN-9702 8.33 KHZ VFH RADIO
 PROJECTED FINANCIAL PLAN (CONTINUED)

(CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)								
PROCUREMENT (3010)								
INSTALL KITS	243	13.4					590	32.7
KITS NONRECUR		0.3						3.8
EQUIPMENT (243)		37.1						89.8
EQUIP NONREC								1.9
CHANGE ORDERS		0.2						1.0
DATA		0.3		2.4				4.8
SIM/TRAINER								3.0
SUPPORT-EQUIP								
WARRANTY		7.2						17.5
OGC		0.3		0.2				1.2
INSTALLATION OF HARDWARE								
FY-99 18 KITS							(18)	0.9
FY-00 85 KITS							(85)	4.1
FY-01 244 KITS (244)		11.8					(244)	11.8
FY-02 243 KITS			(243)	11.8			(243)	11.8
TOTAL INSTALL QTY/COST	244	11.8	243	11.8			590	28.6
TOTAL COST (BP-1100)	243	70.5		14.4			590	184.2
(TOTALS MAY NOT ADD DUE TO ROUNDING.)								

MILESTONES

	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03
CONTRACT-DATE (QTR/FY)			2/99	2/00	2/01	2/02	
DELIVERY-DATE (QTR/FY)			2/00	4/00	4/01	4/02	
INSTALLATION SCHEDULE:	FY-97		FY-98		FY-99		FY-00
QUARTERS	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4
INPUT	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4
OUTPUT							
INSTALLATION SCHEDULE:	FY-02		FY-03				
QUARTERS	1 2 3 4	1 2 3 4	1 2 3 4				
INPUT	61 61 61 61	61 61 61 61	61 61 61 61				
OUTPUT	61 61 61 61	61 61 61 61	61 61 61 61				

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MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB

MODIFICATION TITLE AND NO: GLOBAL AIR TRAFFIC MANAGEMENT (GATM) MN-9709

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC C-135 CLASS P

MODELS OF AIRCRAFT AFFECTED:

CENTER: OC-ALC

PE 0401218F TEAM MOBIL

DESCRIPTION/JUSTIFICATION: Phase IV of the GATM modification adds communications, navigation, and surveillance equipment needed for operation in oceanic airspace where reduced horizontal separations are implemented. The aeronautical satellite communications equipment provides a beyond line of sight communications capability to support controller-pilot data link communications (CPDLC) in-flight rerouting, weather diversions, etc., and automatic reporting of the aircraft's GPS-derived position (automatic dependent surveillance, ADS). It also provides direct pilot to controller voice communications for intervention and contingency use. The second HF radio and HF data link (HFPL) modem provide a backup to the SATCOM data line to ensure adequate data link system availability to support flight safety. The communications management unit (CMU) provides routing functions between aircraft end systems and the data link radios and many also host the data link applications (CPDLC and ADC): dual CMUs are required to prevent a single point of failure in the ATC data link system.
AIRCRAFT BREAKDOWN: Active -- 294 RES -- 72 ANG -- 224

DEVELOPMENT STATUS:

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS							3	1.1	3	2.4	54	9.9
KITS NONRECUR								6.6		3.6		3.0
EQUIPMENT							(3)	3.6	(3)	9.9	(54)	32.2
EQUIP NONREC								10.8		13.0		3.3
CHANGE ORDERS										4.5		2.0
DATA								5.5		2.8		2.8
SIM/TRAINER											(20)	20.9
SUPPORT-EQUIP												
WARRANTY								0.5		1.5		4.8
OGC								1.8		1.8		1.7
INSTALLATION OF HARDWARE												
FY-99 3 KITS									(3)	5.9		
FY-00 3 KITS											(3)	5.8
FY-01 54 KITS												
FY-02 159 KITS												
FY-03 272 KITS												
FY-04 90 KITS												
FY-05 9 KITS												
TOTAL INSTALL QTY/COST										3	5.9	3 5.8
TOTAL COST (BP-1100)								3	29.9	3	46.0	54 85.6
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT/FIELD TEAM												
INITIAL LEAD TIME -- 12 MONTHS						FOLLOW-ON LEAD TIME -- 6 MONTHS						

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FACT SHEET: C-135 MN-9709 GLOBAL AIR TRAFFIC MANAGEMENT (GATM) (CONTINUED)
 PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL			
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT		
RDT&E (3600)										
PROCUREMENT (3010)										
INSTALL KITS	159	29.1	272	49.8	99	18.1	590	110.3		
KITS NONRECUR								13.2		
EQUIPMENT	(159)	94.8	(272)	162.1	(99)	59.0		361.6		
EQUIP NONREC								27.1		
CHANGE ORDERS		1.0		0.4				7.9		
DATA						21.3		32.3		
SIM/TRAINER								20.9		
SUPPORT-EQUIP										
WARRANTY		14.2		24.2		9.0		54.3		
OGC		1.7		1.5		1.4		9.8		
INSTALLATION OF HARDWARE										
FY-99 3 KITS							(3)	5.9		
FY-00 3 KITS							(3)	5.8		
FY-01 54 KITS	(54)	7.6					(54)	7.6		
FY-02 159 KITS			(159)	22.4			(159)	22.4		
FY-03 272 KITS					(272)	38.4	(272)	38.4		
FY-04 90 KITS					(90)	14.0	(90)	14.0		
FY-05 9 KITS					(9)	1.3	(9)	1.3		
TOTAL INSTALL QTY/COST	54	7.6	159	22.4	371	53.6	590	95.3		
TOTAL COST (BP-1100)	159	148.4	272	260.4	99	162.4	590	732.7		
(TOTALS MAY NOT ADD DUE TO ROUNDING.)										
MILESTONES										
	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	FY-04	FY-05	FY-06
CONTRACT-DATE (QTR/FY)			2/99	1/00	1/01	1/02	1/03	1/04	1/05	
DELIVERY-DATE (QTR/FY)			4/99	4/00	4/01	4/02	4/03	4/04	4/05	
INSTALLATION SCHEDULE:	FY-97		FY-98		FY-99		FY-00		FY-01	
QUARTERS	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4
INPUT							3		3	
OUTPUT								3		3
INSTALLATION SCHEDULE:	FY-02		FY-03		FY-04		FY-05		FY-06	
QUARTERS	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4
INPUT	18 18 18	39 40 40	40 40 40	68 68 68	68 68 68	22 22 23	23 9			
OUTPUT	18 18	18 39 40	40 40 40	68 68 68	68 68 68	68 22 22	23 23 9			

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MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE

MODIFICATION TITLE AND NO: HIGH RELIABILITY MAINT FREE BATTERY MN-KC4218

CLC C-135 CLASS P

MODELS OF AIRCRAFT AFFECTED: KC-135

CENTER: OC-ALC

PE 0401218F TEAM MOBIL

DESCRIPTION/JUSTIFICATION: The high reliability maintenance free battery program reduces maintenance and increases reliability by installing two sealed lead acid batteries in the place of the four existing vented nicad batteries. Note: Concurrent installation with Pacer Crag in FY98 saves \$814K. In FY96 and FY97, the contract date is 4/97 because of the link to the Pacer Craig production decision in 4/97. Follow-on lead times vary because the KC-135 battery delivery is only a small part of an overall battery program and KC-135 program does not control delivery schedule.
AIRCRAFT BREAKDOWN: Active -- 297 RES -- 72 ANG -- 220

DEVELOPMENT STATUS:

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS	166	1.3	135	0.6	180	0.8	108	0.5				
KITS NONRECUR		0.3										
EQUIPMENT	(166)	1.0	(135)	1.0	(180)	1.2	(108)	0.8				
EQUIP NONREC		0.1										
CHANGE ORDERS		0.4										
DATA		0.2										
SIM/TRAINER												
SUPPORT-EQUIP												
OGC												
INSTALLATION OF HARDWARE												
FY-95 104 KITS					(104)	1.2						
FY-96 62 KITS					(18)	0.3	(44)	0.6				
FY-97 135 KITS							(135)	1.9				
FY-98 180 KITS									(160)	2.3	(20)	0.3
FY-99 108 KITS											(108)	1.6
TOTAL INSTALL QTY/COST					122	1.5	179	2.6	160	2.3	128	1.8
TOTAL COST (BP-1100)	166	3.5	135	1.7	180	3.6	108	4.0		2.3		1.8
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT/FIELD TEAM												
INITIAL LEAD TIME -- 9 MONTHS						FOLLOW-ON LEAD TIME -- 9 MONTHS						

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FACT SHEET: C-135 MN-KC4218 HIGH RELIABILITY MAINT FREE BATTERY (CONTINUED)
 PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL			
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT		
RDT&E (3600)										
PROCUREMENT (3010)										
INSTALL KITS							589	3.2		
KITS NONRECUR								0.3		
EQUIPMENT								4.1		
EQUIP NONREC								0.1		
CHANGE ORDERS								0.4		
DATA		0.8						1.0		
SIM/TRAINER										
SUPPORT-EQUIP										
OGC								0.1		
INSTALLATION OF HARDWARE										
FY-95 104 KITS							(104)	1.2		
FY-96 62 KITS							(62)	0.9		
FY-97 135 KITS							(135)	1.9		
FY-98 180 KITS							(180)	2.6		
FY-99 108 KITS							(108)	1.6		
TOTAL INSTALL QTY/COST							589	8.2		
TOTAL COST (BP-1100)		0.8					589	17.6		
(TOTALS MAY NOT ADD DUE TO ROUNDING.)										
MILESTONES										
	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02		
CONTRACT-DATE (QTR/FY)	4/95	4/97	4/97	2/98	1/99					
DELIVERY-DATE (QTR/FY)	4/96	1/99	3/99	1/00	3/00					
INSTALLATION SCHEDULE:	FY-95			FY-96			FY-97		FY-98	FY-99
QUARTERS	1 2 3 4			1 2 3	4 1	2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4
INPUT	1 2 3 4			1 2 3	4 1	2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4
OUTPUT	1 2 3 4			1 2 3	4 1	2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4
INSTALLATION SCHEDULE:	FY-00			FY-01			FY-02			
QUARTERS	1 2 3 4			1 2 3	4 1	2 3 4	1 2 3 4			
INPUT	40 40 40 40			32 32 32 32						
OUTPUT	45 40 40 40			40 32 32 32 32						

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DATE 01/26/98

MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE

MODIFICATION TITLE AND NO: MULTIPOINT REFUELING MN-KC4231

CLC C-135 CLASS P

MODELS OF AIRCRAFT AFFECTED: KC-135R

CENTER: OC-ALC

PE 0401218F TEAM MOBIL

DESCRIPTION/JUSTIFICATION: Install drogue/hose reels on aircraft to provide multipoint refueling capability to support U.S. Navy probe-equipped aircraft. 45 aircraft are being modified to ensure that 33 sets are available at all times to accomplish multipoint refueling. 66 pods (2 per aircraft) are being procured. This includes 2 pods procured in RDT&E and the prototype modified aircraft.

AIRCRAFT BREAKDOWN: Active -- 41 RES -- 2 ANG -- 2

DEVELOPMENT STATUS: NONE

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)	(1)	33.5										
PROCUREMENT (3010)												
INSTALL KITS	3	3.9	11	7.8	5	4.4			13	14.4	12	11.6
KITS NONRECUR												
EQUIPMENT												
EQUIP NONREC												
CHANGE ORDERS		0.5		0.6		0.3		0.2		0.4		0.4
DATA		0.6		0.2		0.1		0.1		0.1		0.1
SIM/TRAINER												
SUPPORT-EQUIP		2.4		0.8		0.3				1.0		0.2
WARRANTY		0.1		0.1		0.2		0.2		0.2		0.3
PODS	(4)	5.5	(24)	18.9	(10)	10.8			(16)	19.2	(10)	16.1
OGC						0.4		0.3		0.4		0.4
INSTALLATION OF HARDWARE												
FY-96 3 KITS			(2)	3.7								
FY-97 11 KITS			(1)	1.0	(4)	5.6						
FY-98 5 KITS							(7)	7.1				
FY-00 13 KITS											(14)	12.7
FY-01 12 KITS												
TOTAL INSTALL QTY/COST			3	4.7	4	5.6	7	7.1	5	4.6	14	12.7
TOTAL COST (BP-1100)	3	13.0	11	33.1	5	22.1		7.9	13	40.3	12	41.8
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION -- CONTRACTOR FACILITY												
INITIAL LEAD TIME -- 15 MONTHS						FOLLOW-ON LEAD TIME -- 6 MONTHS						

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FACT SHEET: C-135 MN-KC4231 MULTIPOINT REFUELING (CONTINUED)
 PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)								
PROCUREMENT (3010)								
INSTALL KITS							44	42.1
KITS NONRECUR								
EQUIPMENT								
EQUIP NONREC								
CHANGE ORDERS								2.4
DATA								1.2
SIM/TRAINER								
SUPPORT-EQUIP								4.7
WARRANTY		0.3						1.4
PODS								70.5
OGC		0.4						1.9
INSTALLATION OF HARDWARE								
FY-96 3 KITS							(2)	3.7
FY-97 11 KITS							(5)	6.6
FY-98 5 KITS							(7)	7.1
FY-00 13 KITS							(14)	12.7
FY-01 12 KITS (11)		10.9					(11)	10.9
TOTAL INSTALL QTY/COST	11	10.9					44	45.6
TOTAL COST (BP-1100)		11.6					44	169.8
(TOTALS MAY NOT ADD DUE TO ROUNDING.)								

MILESTONES

	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03
CONTRACT-DATE (QTR/FY)			3/96	1/97	1/98	1/99	1/00	1/01		
DELIVERY-DATE (QTR/FY)			4/97	2/98	2/99	1/00	1/01	1/02		
INSTALLATION SCHEDULE:	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03
QUARTERS	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4
INPUT									3	1 1 2
OUTPUT										2 1 1 1
INSTALLATION SCHEDULE:	FY-99	FY-00	FY-01	FY-02	FY-03					
QUARTERS	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4					
INPUT	1 2 2 2	1 1 2 1	2 1 2 1	3 4 3 4	3 3 3 2					
OUTPUT	2 1 2 2	2 1 1 2	1 2 1 2	1 3 3 3	4 3 4 3					2

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MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB

MODIFICATION TITLE AND NO: SIMULATOR UPGRADE MN-SIM135

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC C-135 CLASS P

MODELS OF AIRCRAFT AFFECTED: C-135 SIMULATORS

CENTER: OO-ALC

PE 0401897F TEAM MOBIL

DESCRIPTION/JUSTIFICATION: Part of 3-phased simulator upgrade program encompassing C-141, C-5, KC-10, and KC-135 simulators with a new, state-of-the-art visual system and motion base. These upgrade efforts will allow AMC to move flying proficiency training from the more expensive aircraft to the simulator. Projected savings across all weapon systems when the upgrade is complete is approximately \$34M. This program supports AMC C-MNS 001-93, MNS AMC 021-93, and ORD AMC 021-93 I/II/III.

AIRCRAFT BREAKDOWN: Active -- 10 RES -- 3 ANG -- 2

DEVELOPMENT STATUS: N/A

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS							6.3		8.7			8.0
KITS NONRECUR												
EQUIPMENT							7.2		10.5			9.6
EQUIP NONREC												
CHANGE ORDERS												
DATA							3.8		5.2			4.7
SIM/TRAINER												
SUPPORT-EQUIP												
OGC												
TOTAL COST (BP-1100)							17.3		24.4			22.3
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION -- ORG/INTERMEDIATE												
INITIAL LEAD TIME -- 9 MONTHS					FOLLOW-ON LEAD TIME -- 12 MONTHS							

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FACT SHEET: C-135 MN-SIM135 SIMULATOR UPGRADE (CONTINUED)
 PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)								
PROCUREMENT (3010)								
INSTALL KITS		9.7		10.7				43.3
KITS NONRECUR								
EQUIPMENT		11.7		12.9				51.8
EQUIP NONREC								
CHANGE ORDERS								
DATA		3.8		6.4				23.9
SIM/TRAINER								
SUPPORT-EQUIP								
OGC								0.2
TOTAL COST (BP-1100)		27.1		29.9				121.0
(TOTALS MAY NOT ADD DUE TO ROUNDING.)								
MILESTONES								
	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	
CONTRACT-DATE (QTR/FY)			2/99	1/00	1/01	1/02	1/03	
DELIVERY-DATE (QTR/FY)			4/99	2/00	2/01	2/02	2/03	

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)							DATE FEBRUARY 1998	
APPROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT AF/AIRCRAFT MODIFICATIONS				P-1 ITEM NOMENCLATURE: E-3				
	1997	1998	1999	2000	2001	2002	2003	
COST (In Mil)	\$264.264	\$127.652	\$114.181	\$97.869	\$105.423	\$65.980	\$88.173	

This line item funds modifications to the E-3 aircraft. The four engine E-3 is a modified Boeing 707 airframe which carries airborne radar and provides all-altitude air surveillance, threat warning, and control of theater air forces. The overall goal of the modifications budgeted in FY99 is to upgrade the mission systems. The specific modifications budgeted and programmed are below.

CLASS	MOD NR	MODIFICATION TITLE	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	COST TO GO	TOTAL PROG.
P	17600B	REPLACE MAG TAPE TRANSPORT	0.6								19.6
	3150	NAVSTAR GLOBAL POSITIONING SYS	10.4	5.2	2.3						58.9
	3246	HAVE QUICK A-NET	0.4								148.1
	3371	ELECTRONIC SUPPORT MEASURES (E	86.7	22.4	16.0	0.1					310.5
	3401	JTIDS TADIL J	12.6		0.4						36.2
	3402	DATA ANALYSIS PROGRAMMING GROU	33.9		0.3						101.3
	50001A	EXT SEN, COMPUTERS AND DISPLAY	24.6	28.9	30.9	16.7	39.7	6.3	52.3	140.7	361.6
	50001B	EXT SEN, BACKSHOP	0.1								23.3
	50001C	EXTEND SENTRY, COMMUNICATION	11.4	1.4	0.2	0.2					26.7
	50001E	EXTEND SENTRY, EXECUTION	0.1	0.1							2.3
	50001P	PDMA	1.3		0.1	0.1	0.1				5.5
	50001R	EXTEND SENTRY, RADAR SYSTEMS	12.2						24.8	35.0	100.9
	50001X	EXTEND SENTRY	7.5	1.7	3.9	1.9	0.9	0.9			27.4
	70001C	OFFENSIVE COUNTER AIR	17.7	0.1	0.5						18.3
	7266	RADAR SYSTEM IMPROVEMENT PROGR	44.7	65.1	59.7	78.9	64.7	58.8	11.1	6.5	435.7
	288888	REPROGRAMMINGS		2.6							2.3
	CLASS P	TOTAL FOR E-3	264.3	127.7	114.2	97.9	105.4	66.0	88.2	182.2	
	TOTAL FOR E-3		264.3	127.7	114.2	97.9	105.4	66.0	88.2	182.2	

Totals may not add due to rounding.

P-1 SHOPP LIST ITEM NO. 056	PAGE NO.	452
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DATE 01/26/98

MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE

MODIFICATION TITLE AND NO: REPLACE MAG TAPE TRANSPORT MN-17600B

CLC E-3 CLASS P

MODELS OF AIRCRAFT AFFECTED: E-3

CENTER: ESC

PE 0207417F TEAM INFO

DESCRIPTION/JUSTIFICATION: Modification replaces unreliable Magnetic Tape Transport (MTT) with a disk drive system to provide an efficient, reliable, maintainable system for loading data into and recording from the mission computer. The E-3 uses 3 mixed brand MTT's (Ampex and Miltape) in each aircraft.

AIRCRAFT BREAKDOWN: Active -- 34 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: Initial development complete.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS	34	0.5										
KITS NONRECUR												
EQUIPMENT	(34)	7.3										
EQUIP NONREC												
CHANGE ORDERS		1.6										
DATA		4.1										
SIM/TRAINER		2.7										
SUPPORT-EQUIP		2.8		0.6								
ICS												
DEPOT												
ASIF												
TOTAL COST (BP-1100)	34	19.0		0.6								
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION -- ORG/INTERMEDIATE												
INITIAL LEAD TIME -- 12 MONTHS					FOLLOW-ON LEAD TIME -- 12 MONTHS							

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FACT SHEET: E-3 MN-17600B REPLACE MAG TAPE TRANSPORT (CONTINUED)
PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
	-----	-----	-----	-----	-----	-----	-----	-----
RDT&E (3600)								
PROCUREMENT (3010)								
INSTALL KITS							34	0.5
KITS NONRECUR								
EQUIPMENT								7.3
EQUIP NONREC								
CHANGE ORDERS								1.6
DATA								4.1
SIM/TRAINER								2.7
SUPPORT-EQUIP								3.4
ICS								
DEPOT								
ASIF								
TOTAL COST (BP-1100)							34	19.6
(TOTALS MAY NOT ADD DUE TO ROUNDING.)								
MILESTONES								
		FY-88						

CONTRACT-DATE (QTR/FY)		4/89						
DELIVERY-DATE (QTR/FY)		4/90						

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MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB

MODIFICATION TITLE AND NO: NAVSTAR GLOBAL POSITIONING SYSTEM MN-3150

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC E-3 CLASS P

MODELS OF AIRCRAFT AFFECTED: E-3

CENTER: ESC

PE 0207417F TEAM INFO

DESCRIPTION/JUSTIFICATION: Navstar Global Positioning System (GPS) provides worldwide three-dimensional positioning/navigation for military aircraft. This effort is part of the E-3 block 30/35 modification. In FY95, ECP 1204R2 was added to the contract to modify GPS with the Inertial Navigation System (GPS +INS=GINS). A stop work order was initiated for the stand alone GPS equipment that was not common to the GINS equipment configuration. In FY96, a quantity of 22 GINS equipment kits were purchased to enable the ECP to coincide with the depot installation schedule. The 22 kits purchased are for the FY93 buy of three (3), the FY95 buy of nine (9), the FY96 buy of nine (9), and an additional kit to retrofit the trial installation A/C. Therefore, aircraft installs in FY96 and on will include the new GINS kits. The install kit in installation costs for GINS, as well as all other Block 30/35 mods, are shown in the ESM mod, MN 3371.

AIRCRAFT BREAKDOWN: Active -- 33 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: Satellites and control segments are currently in production/deployment. The DoD interservice Group B contract cannot be awarded until all funds from all services are received; therefore, 2nd qtr award is programmed to allow sufficient time for the administrative details. 3600 funding for this program is part of the total block 30/35 effort and is depicted on ESM, Mod 3371.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS	3	0.7										
KITS NONRECUR		8.5										
EQUIPMENT	(21)	30.8	(10)	9.5								
EQUIP NONREC						4.0						
CHANGE ORDERS												
DATA		0.1		0.7								
SIM/TRAINER						0.8						
SUPPORT-EQUIP								1.5				
COM MOD KITS		0.8										
PMA				0.2		0.2		0.1				
ICS						0.3		0.7				
INSTALLATION OF HARDWARE												
FY-93 3 KITS	(3)	0.1										
TOTAL INSTALL QTY/COST	3	0.1	8		7		4					
TOTAL COST (BP-1100)	3	41.0		10.4		5.2		2.3				
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT/FIELD TEAM												
INITIAL LEAD TIME -- 26 MONTHS						FOLLOW-ON LEAD TIME -- 26 MONTHS						

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FACT SHEET: E-3 MN-3150 NAVSTAR GLOBAL POSITIONING SYSTEM (CONTINUED)
 PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)								
PROCUREMENT (3010)								
INSTALL KITS							3	0.7
KITS NONRECUR								8.5
EQUIPMENT								40.3
EQUIP NONREC								4.0
CHANGE ORDERS								
DATA								0.8
SIM/TRAINER								0.8
SUPPORT-EQUIP								1.5
COM MOD KITS								0.8
PMA								0.5
ICS								1.0
INSTALLATION OF HARDWARE								
FY-93 3 KITS							(3)	0.1
TOTAL INSTALL QTY/COST							22	0.1
TOTAL COST (BP-1100)							3	58.9
(TOTALS MAY NOT ADD DUE TO ROUNDING.)								
MILESTONES								
	FY-93	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00
CONTRACT-DATE (QTR/FY)	1/94		2/95	1/96	1/97			
DELIVERY-DATE (QTR/FY)	2/96		2/97	1/98	1/99			
INSTALLATION SCHEDULE:	FY-93		FY-94		FY-95			FY-96
QUARTERS	1 2 3 4		1 2 3 4		1 2 3 4			1 2 3 4
INPUT								1 1 1 2
OUTPUT								1 1 1 2
INSTALLATION SCHEDULE:	FY-98		FY-99		FY-00			
QUARTERS	1 2 3 4		1 2 3 4		1 2 3 4			
INPUT	2 2 2 1		1 1 1 1		1 2 3 4			
OUTPUT	2 2 2 2		1 1 1 1		1 1 1 1			

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DATE 01/26/98

MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE

MODIFICATION TITLE AND NO: HAVE QUICK A-NET MN-3246

CLC E-3 CLASS P

MODELS OF AIRCRAFT AFFECTED: E-3B/C

CENTER: ESC

PE 0207417F TEAM INFO

DESCRIPTION/JUSTIFICATION: Replaces four AN/ARC-171 UHF radios with a total of four have quick a-net UHF radios. Modification is required to enhance UHF communications effectiveness in an Electronic Countermeasures (ECM) environment.

AIRCRAFT BREAKDOWN: Active -- 33 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: Complete.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)		1.0										
PROCUREMENT (3010)												
INSTALL KITS	33	18.1										
KITS NONRECUR	1	2.7										
EQUIPMENT	(33)	104.3										
EQUIP NONREC	(1)	3.7										
CHANGE ORDERS		1.0										
DATA		5.9										
SIM/TRAINER												
SUPPORT-EQUIP		4.3		0.4								
ICS		5.0										
INSTALLATION OF HARDWARE												
FY-87 7 KITS												
FY-88 3 KITS												
FY-89 3 KITS												
FY-90 7 KITS (20)												
FY-91 5 KITS (5)		1.8										
FY-92 9 KITS (9)		0.8										
TOTAL INSTALL QTY/COST	34	2.6										
TOTAL COST (BP-1100)	34	147.6		0.4								
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT												
INITIAL LEAD TIME -- 24 MONTHS						FOLLOW-ON LEAD TIME -- 0 MONTHS						

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FACT SHEET: E-3 MN-3246 HAVE QUICK A-NET
 PROJECTED FINANCIAL PLAN (CONTINUED)

(CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL		
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	
RDT&E (3600)									
PROCUREMENT (3010)									
INSTALL KITS							33	18.1	
KITS NONRECUR							1	2.7	
EQUIPMENT								104.3	
EQUIP NONREC								3.7	
CHANGE ORDERS								1.0	
DATA								5.9	
SIM/TRAINER									
SUPPORT-EQUIP								4.8	
ICS								5.0	
INSTALLATION OF HARDWARE									
FY-87 7 KITS									
FY-88 3 KITS									
FY-89 3 KITS									
FY-90 7 KITS							(20)		
FY-91 5 KITS							(5)	1.8	
FY-92 9 KITS							(9)	0.8	
TOTAL INSTALL QTY/COST							34	2.6	
TOTAL COST (BP-1100)							34	148.1	
(TOTALS MAY NOT ADD DUE TO ROUNDING.)									
MILESTONES									
	FY-87	FY-88	FY-89	FY-90	FY-91	FY-92	FY-93	FY-94	FY-95
CONTRACT-DATE (QTR/FY)	2/89	2/89	2/89	1/91	4/91	2/92			
DELIVERY-DATE (QTR/FY)	2/90	2/91	4/91	3/92	2/93	1/94			

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FACT SHEET: E-3 MN-3246 HAVE QUICK A-NET
PROJECTED FINANCIAL PLAN (CONTINUED)

(CONTINUED)

INSTALLATION SCHEDULE:	FY-87				FY-88				FY-89				FY-90				FY-91				
QUARTERS	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	
INPUT																	1			1	2
OUTPUT																			1		1

INSTALLATION SCHEDULE:	FY-92				FY-93				FY-94				FY-95							
QUARTERS	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
INPUT	3	2	2	2	2	2	2	3	3	1	2	2	2	2	2	2				
OUTPUT		5	3	1		3	2	3	2	3	2	3	1	2	2					

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DATE 01/26/98

MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC E-3 CLASS P

MODIFICATION TITLE AND NO: ELECTRONIC SUPPORT MEASURES (ESM) MN-3371

MODELS OF AIRCRAFT AFFECTED: E-3B/C

CENTER: ESC

PE 0207417F TEAM INFO

DESCRIPTION/JUSTIFICATION: The Electronic Support Measures (ESM) system will allow the E-3 to passively detect, locate, and identify airborne, shipborne, and ground based emitters. ESM will also provide threat warning capability. Data from the ESM system will be presented at existing E-3 situation display console displays. ESM is part of the E-3 block 30/35 modification. The development contract includes the kit productions option IAW the ESM US/NATO memorandum of understanding, dated 17 Nov 86. 3600 procured 1 trial install kit in FY92. Install kits include funds for all Block 30/35 mod group A kits. These are combined in the contract as one kit and reflected on this P-3. Installation costs are for all Block 30/35 mods. The FY93 install dollars funded the FY96 installations. Due to a Aug 97 determination of rate increase at ALC Depot, 9 previously planned installs, scheduled to be complete by FY00 will now extend into FY00 & FY01. Installs are currently unfunded and ACC is addressing this must pay req't in the FY00 POM.
AIRCRAFT BREAKDOWN: Active -- 33 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: Complete.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)		89.9		0.1								
PROCUREMENT (3010)												
INSTALL KITS	21	51.1	10	22.9								
KITS NONRECUR												
EQUIPMENT	(21)	78.7	(10)	43.0								
EQUIP NONREC		8.6										
CHANGE ORDERS												
DATA		1.9		0.9								
SIM/TRAINER		8.6										
SUPPORT-EQUIP		26.6		0.1				0.5				
ICS		0.7		1.0		0.3		0.3				
REFURB		1.3										
PMA				2.0		4.7		1.1				
WARRANTY		2.4		1.6								
GFE		2.1		1.5				0.4		0.1		
INSTALLATION OF HARDWARE												
FY-93 3 KITS	(3)	3.3										
FY-95 9 KITS			(8)	13.7	(1)	2.5						
FY-96 9 KITS					(6)	14.9	(3)	10.2				
FY-97 10 KITS							(1)	3.4				
TOTAL INSTALL QTY/COST	3	3.3	8	13.7	7	17.4	4	13.6				
TOTAL COST (BP-1100)	21	185.4	10	86.7		22.4		16.0		0.1		

(TOTALS MAY NOT ADD DUE TO ROUNDING.)

METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT

INITIAL LEAD TIME -- 25 MONTHS

FOLLOW-ON LEAD TIME -- 25 MONTHS

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FACT SHEET: E-3 MN-3371 ELECTRONIC SUPPORT MEASURES (ESM) (CONTINUED)
 PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)								
PROCUREMENT (3010)								
INSTALL KITS							31	74.0
KITS NONRECUR								
EQUIPMENT								121.7
EQUIP NONREC								8.6
CHANGE ORDERS								
DATA								2.8
SIM/TRAINER								8.6
SUPPORT-EQUIP								27.2
ICS								2.4
REFURB								1.3
PMA								7.8
WARRANTY								4.0
GFE								4.1
INSTALLATION OF HARDWARE								
FY-93 3 KITS							(3)	3.3
FY-95 9 KITS							(9)	16.2
FY-96 9 KITS							(9)	25.1
FY-97 10 KITS							(1)	3.4
TOTAL INSTALL QTY/COST							22	48.0
TOTAL COST (BP-1100)							31	310.5
(TOTALS MAY NOT ADD DUE TO ROUNDING.)								
MILESTONES								

	FY-93	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00
CONTRACT-DATE (QTR/FY)	1/94		2/95	1/96	1/97			
DELIVERY-DATE (QTR/FY)	2/96		2/97	1/98	1/99			
INSTALLATION SCHEDULE:	FY-93		FY-94		FY-95		FY-96	FY-97
QUARTERS	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4
INPUT							1 1 1 2	2 2 2 2
OUTPUT							1 1 1 2	2 2 2 2
INSTALLATION SCHEDULE:	FY-98		FY-99		FY-00			
QUARTERS	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4			
INPUT	2 2 2 1	1 1 1 1						
OUTPUT	2 2 2 2	1 1 1 1						

*** UNCLASSIFIED ***

DATE 01/26/98

MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB
MODIFICATION TITLE AND NO: JTIDS TADIL J MN-3401

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC E-3 CLASS P

MODELS OF AIRCRAFT AFFECTED: E-3B/C

CENTER: ESC

PE 0207417F TEAM INFO

DESCRIPTION/JUSTIFICATION: Converts E-3 Joint Tactical Information Distribution System (JTIDS) from Interim Joint Message Standard (IJMS) to Tactical Digital Information Link-J (TADIL-J), the new DoD message standard. Replaces Class 1 JTIDS with Class 2H JTIDS terminals. This modification is part of the E-3 block 30/35 modification. 3600 procures 1 trial install in FY92. The FY93 install dollars funded the FY96 installations. All other install kit costs and installation costs are shown in the ESM mod, MN 3371. The FY93 install dollars funded the FY96 installations. A change in funding policy now dictate installs be paid with FY dollars from the year the installation occurs.

AIRCRAFT BREAKDOWN: Active -- 33 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: Complete.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS	3	2.2										
KITS NONRECUR												
EQUIPMENT	(21)	19.2	(10)	8.7								
EQUIP NONREC												
CHANGE ORDERS												
DATA		0.6		0.1								
SIM/TRAINER			(2)	1.8								
SUPPORT-EQUIP				1.9				0.2				
ICS		0.2										
GFE				0.2				0.2				
WARRANTY		0.2										
INSTALLATION OF HARDWARE												
FY-93 3 KITS	(3)	0.9										
TOTAL INSTALL QTY/COST	3	0.9	8		7		4					
TOTAL COST (BP-1100)	3	23.3		12.6				0.4				
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT												
INITIAL LEAD TIME -- 25 MONTHS						FOLLOW-ON LEAD TIME -- 25 MONTHS						

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FACT SHEET: E-3 MN-3401 JTIDS TADIL J
 PROJECTED FINANCIAL PLAN (CONTINUED)

(CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)								
PROCUREMENT (3010)								
INSTALL KITS							3	2.2
KITS NONRECUR								
EQUIPMENT								27.9
EQUIP NONREC								
CHANGE ORDERS								
DATA								0.7
SIM/TRAINER								1.8
SUPPORT-EQUIP								2.1
ICS								0.2
GFE								0.3
WARRANTY								0.2
INSTALLATION OF HARDWARE								
FY-93 3 KITS							(3)	0.9
TOTAL INSTALL QTY/COST							22	0.9
TOTAL COST (BP-1100)							3	36.2
(TOTALS MAY NOT ADD DUE TO ROUNDING.)								
MILESTONES								
	FY-93	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00
CONTRACT-DATE (QTR/FY)	1/94		2/95	1/96	1/97			
DELIVERY-DATE (QTR/FY)	2/96		2/97	1/98	1/99			
INSTALLATION SCHEDULE:	FY-93		FY-94		FY-95			FY-96
QUARTERS	1 2 3 4		1 2 3 4		1 2 3 4			1 2 3 4
INPUT								1 1 1 2 2 2 2
OUTPUT								1 1 1 2 2 2 2
INSTALLATION SCHEDULE:	FY-98		FY-99		FY-00			
QUARTERS	1 2 3 4		1 2 3 4		1 2 3 4			
INPUT	2 2 2 1		1 1 1 1		1 2 3 4			
OUTPUT	2 2 2 2		1 1 1 1		1 1 1 1			

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MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE

MODIFICATION TITLE AND NO: DATA ANALYSIS PROGRAMMING GROUP (DAPG) MN-3402

CLC E-3 CLASS P

MODELS OF AIRCRAFT AFFECTED: E-3

CENTER: ESC

PE 0207417F TEAM INFO

DESCRIPTION/JUSTIFICATION: Upgrades the CC-2 main memory and bulk memory of the E-3 block 20/25 DAPG configuration. The DAPG upgrade provides an increase to the main and bulk memory storage capacity. The present CC-2 memory configuration is unable to support ESM requirements and the addition of JTIDS TADIL-J message standard. This modification is part of the E-3 block 30/35 upgrade. The FY93 install dollars funded the FY96 installations. All other install kit costs and installation costs are shown on ESM mod, MN 3371. A change in funding policy now dictates installs be paid with FY dollars from the year the installation occurs.

AIRCRAFT BREAKDOWN: Active -- 33 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: Complete.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS	3	0.1										
KITS NONRECUR												
EQUIPMENT	(21)	53.9	(10)	24.4								
EQUIP NONREC		1.3										
CHANGE ORDERS												
DATA		0.1										
SIM/TRAINER				8.1								
SUPPORT-EQUIP				1.0								
ICS		0.1										
GFE		10.2		0.4				0.3				
INSTALLATION OF HARDWARE												
FY-93 3 KITS	(3)	1.4										
TOTAL INSTALL QTY/COST	3	1.4	8		7		4					
TOTAL COST (BP-1100)	3	67.1		33.9				0.3				

(TOTALS MAY NOT ADD DUE TO ROUNDING.)

METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT

INITIAL LEAD TIME -- 25 MONTHS

FOLLOW-ON LEAD TIME -- 25 MONTHS

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FACT SHEET: E-3 MN-3402 DATA ANALYSIS PROGRAMMING GROUP (DAPG) (CONTINUED)
 PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)								
PROCUREMENT (3010)								
INSTALL KITS							3	0.1
KITS NONRECUR								
EQUIPMENT								78.3
EQUIP NONREC								1.3
CHANGE ORDERS								
DATA								0.1
SIM/TRAINER								8.1
SUPPORT-EQUIP								1.0
ICS								0.1
GFE								10.9
INSTALLATION OF HARDWARE								
FY-93 3 KITS							(3)	1.4
TOTAL INSTALL QTY/COST							22	1.4
TOTAL COST (BP-1100)							3	101.3
(TOTALS MAY NOT ADD DUE TO ROUNDING.)								
MILESTONES								
	FY-93	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00
CONTRACT-DATE (QTR/FY)	1/94		2/95	1/96	1/97			
DELIVERY-DATE (QTR/FY)	2/96		2/97	1/98	1/99			
INSTALLATION SCHEDULE:	FY-93		FY-94		FY-95			FY-96
QUARTERS	1 2 3 4		1 2 3 4		1 2 3 4			1 2 3 4
INPUT	1 2 2 2		1 1 1 1		1 1 1 1			1 1 1 2
OUTPUT								1 1 1 2
INSTALLATION SCHEDULE:	FY-98		FY-99		FY-00			
QUARTERS	1 2 3 4		1 2 3 4		1 2 3 4			
INPUT	2 2 2 1		1 1 1 1		1 1 1 1			
OUTPUT	2 2 2 2		1 1 1 1		1 1 1 1			

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DATE 01/26/98

MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB

MODIFICATION TITLE AND NO: EXT SEN, COMPUTERS AND DISPLAYS MN-50001A

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC E-3 CLASS P

MODELS OF AIRCRAFT AFFECTED: E-3

CENTER: ESC

PE 0207417F TEAM INFO

DESCRIPTION/JUSTIFICATION: A 2 phase project that parallels the NATO Midterm Program to upgrade E-3 legacy Mission System Computers, Display processors, and Displays. The project transitions AWACS to an open system architecture that will allow the E-3 to take advantage of the rapid advances in computing technology. Includes: Replacement Digital Multiplexer (RDMX), Electronics Command Signal Programmer (ECSP), A-3 Card Replacement, Line Printer and Best of Breed Tracker (BBT). These components will be installed along with Block 30/35 starting with install #20. The remaining 19 aircraft will be installed during phase maintenance. FY94 funds put on contract in FY96 for RDMX group B kits for the A/C and support facilities. The 44 Install Kits are for the aircraft plus labs and sims; this kit supports each of the individual projects (RDMX, BBT, ECSP, A-3). However, each project has an individual Group B Kit (176). The 20 kits purchased in FY05 will be installed in FY06. Thus, 156 installs will occur through FY05.

DEVELOPMENT STATUS: N/A

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)		9.7		20.6		14.6						
PROCUREMENT (3010)												
INSTALL KITS	21	0.5	23	4.0								
KITS NONRECUR												
EQUIPMENT	(20)	9.8	(17)	19.2	(6)	7.4	(14)	22.4	(8)	13.3	(29)	36.8
EQUIP NONREC		4.5				13.3		4.1		0.1		0.1
CHANGE ORDERS								1.0		1.0		1.0
DATA				0.1								
SIM/TRAINER						7.0		1.9				
SUPPORT-EQUIP		5.9										
COMMON INTEG										0.7		0.3
ICS								1.2		1.3		1.4
INSTALLATION OF HARDWARE												
FY-96 21 KITS	(5)	0.8										
FY-97 23 KITS			(15)	1.2								
TOTAL INSTALL QTY/COST	5	0.8	15	1.2	17	1.2	6	0.4	12	0.3	10	0.2
TOTAL COST (BP-1100)	21	21.5	23	24.6		28.9		30.9		16.7		39.7
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT												
INITIAL LEAD TIME -- MONTHS						FOLLOW-ON LEAD TIME -- MONTHS						

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FACT SHEET: E-3 MN-50001A EXT SEN, COMPUTERS AND DISPLAYS (CONTINUED)
 PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL						
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT					
RDT&E (3600)													
PROCUREMENT (3010)													
INSTALL KITS							44	4.4					
KITS NONRECUR													
EQUIPMENT (5)		3.1	(37)	49.7	(40)	132.7		294.4					
EQUIP NONREC		0.1		0.1		4.9		27.2					
CHANGE ORDERS		0.5		0.5		1.3		5.3					
DATA								0.1					
SIM/TRAINER								8.9					
SUPPORT-EQUIP								5.9					
COMMON INTEG		0.5		0.5				2.0					
ICS		1.4		1.4				6.7					
INSTALLATION OF HARDWARE													
FY-96 21 KITS							(5)	0.8					
FY-97 23 KITS							(15)	1.2					
TOTAL INSTALL QTY/COST	24	0.8			67	1.7	156	6.6					
TOTAL COST (BP-1100)		6.3		52.3		140.7	44	361.6					
(TOTALS MAY NOT ADD DUE TO ROUNDING.)													
MILESTONES													
	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	FY-04	FY-05	FY-06
CONTRACT-DATE (QTR/FY)			1/96	1/97	1/98	1/99	1/00	1/01	1/02	1/03	1/04	1/05	
DELIVERY-DATE (QTR/FY)			1/96	1/97	1/99	2/00	2/01	2/02	2/03	2/04	2/05	2/06	
INSTALLATION SCHEDULE:	FY-94		FY-95		FY-96			FY-97			FY-98		
QUARTERS	1 2 3 4		1 2 3 4		1 2 3 4			1 2 3 4			1 2 3 4		
INPUT							5	5 5 5		6	6 5 5		
OUTPUT							5	5 5 5		5	6 6 5		
INSTALLATION SCHEDULE:	FY-99		FY-00		FY-01			FY-02			FY-03		
QUARTERS	1 2 3 4		1 2 3 4		1 2 3 4			1 2 3 4			1 2 3 4		
INPUT	2 2 2		4 4 4		4 3 3			8 8 8					
OUTPUT	2 2 2		4 4 4		4 4 3			8 8 8					
INSTALLATION SCHEDULE:	FY-04		FY-05		FY-06								
QUARTERS	1 2 3 4		1 2 3 4		1 2 3 4								
INPUT	14 13 13		9 9 9		4 3 3								
OUTPUT	14 13 13		9 9 9		4 3 3								

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DATE 01/26/98

MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB

MODIFICATION TITLE AND NO: EXT SEN, BACKSHOP MN-50001B

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC E-3 CLASS P

MODELS OF AIRCRAFT AFFECTED: E-3

CENTER: ESC

PE 0207417F TEAM INFO

DESCRIPTION/JUSTIFICATION: EXTEND SENTRY is a family of modifications to the E-3 mission equipment and aircraft systems that is designed to keep the aircraft flying into the 21st century. These improvements are required to sustain the aircraft. The EXTEND SENTRY backshop effort resolves infrastructure problems and procures new backshop test equipment, including an RF BRAT and "can not duplicate" tester. The funds on this P3A cover several separate, but related, E-3 sustainment efforts. No installation of any equipment is involved. As such, the "Total Qty" column reflects the total of these separate modifications per year. FY94 fallout funds put on contract in FY96 to purchase 2 Radio Frequency Noise Analyzers test sets. Includes portions of MN99999A/S/X. No quantities reflected, all miscellaneous Backshop equipment.

AIRCRAFT BREAKDOWN: Active -- 33 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: See note on MN 50001X.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS												
KITS NONRECUR												
EQUIPMENT												
EQUIP NONREC												
CHANGE ORDERS												
DATA		0.3										
SIM/TRAINER												
SUPPORT-EQUIP		22.7		0.1								
GFE		0.1										
INSTALLATION OF HARDWARE												
TOTAL INSTALL QTY/COST												
TOTAL COST (BP-1100)		23.2		0.1								
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT/FIELD TEAM												
INITIAL LEAD TIME -- 3 MONTHS						FOLLOW-ON LEAD TIME -- 3 MONTHS						

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FACT SHEET: E-3 MN-50001B EXT SEN, BACKSHOP
 PROJECTED FINANCIAL PLAN (CONTINUED)

(CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)								
PROCUREMENT (3010)								
INSTALL KITS								
KITS NONRECUR								
EQUIPMENT								
EQUIP NONREC								
CHANGE ORDERS								
DATA								0.3
SIM/TRAINER								22.8
SUPPORT-EQUIP								0.1
GFE								
INSTALLATION OF HARDWARE								
TOTAL INSTALL QTY/COST								
TOTAL COST (BP-1100)								23.3
(TOTALS MAY NOT ADD DUE TO ROUNDING.)								
MILESTONES								
	FY-94	FY-95	FY-96	FY-97				
CONTRACT-DATE (QTR/FY)			2/96	1/97				
DELIVERY-DATE (QTR/FY)			3/96	2/97				

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MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB

MODIFICATION TITLE AND NO: EXTEND SENTRY, COMMUNICATION EQUIPMENT/SYSTEMS MN-50001C

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC E-3 CLASS P

MODELS OF AIRCRAFT AFFECTED: E-3

CENTER: ESC

PE 0207417F TEAM INFO

DESCRIPTION/JUSTIFICATION: EXTEND SENTRY is a family of modifications to the E-3 mission equipment and aircraft systems that is designed to keep the aircraft flying into the 21st century. These improvements are required to sustain the aircraft. The EXTEND SENTRY communications effort encompasses improvements to the E-3 communication suite as well as addressing vanishing vendor and parts obsolescence issues and reliability problems. This effort includes procurement of HF radio with ALE. The funds on this P3A cover several separate, but related, E-3 sustainment efforts which are accomplished annually. As such, the "Total Qty" column reflects the total of these separate modifications per year.

AIRCRAFT BREAKDOWN: Active -- 33 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: See note on MN 50001X.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS	19	2.3	14	1.7								
KITS NONRECUR												
EQUIPMENT	(19)	8.6	(14)	7.9								
EQUIP NONREC												
CHANGE ORDERS												
DATA		0.1		1.5								
SIM/TRAINER		0.1		0.1								
SUPPORT-EQUIP		2.4										
ICS						0.2		0.2		0.2		
INSTALLATION OF HARDWARE												
FY-96 19 KITS			(2)	0.2	(17)	0.6						
FY-97 14 KITS					(14)	0.6						
TOTAL INSTALL QTY/COST			2	0.2	31	1.2						
TOTAL COST (BP-1100)	19	13.5	14	11.4		1.4		0.2		0.2		
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT/FIELD TEAM												
INITIAL LEAD TIME -- 3 MONTHS						FOLLOW-ON LEAD TIME -- 3 MONTHS						

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FACT SHEET: E-3 MN-50001C EXTEND SENTRY, COMMUNICATION EQUIPMENT/SYSTEMS (CONTINUED)
 PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)								
PROCUREMENT (3010)								
INSTALL KITS							33	4.0
KITS NONRECUR								
EQUIPMENT								16.5
EQUIP NONREC								
CHANGE ORDERS								
DATA								1.6
SIM/TRAINER								0.2
SUPPORT-EQUIP								2.4
ICS								0.6
INSTALLATION OF HARDWARE								
FY-96 19 KITS							(19)	0.8
FY-97 14 KITS							(14)	0.6
TOTAL INSTALL QTY/COST							33	1.4
TOTAL COST (BP-1100)							33	26.7
(TOTALS MAY NOT ADD DUE TO ROUNDING.)								
MILESTONES								
	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	
CONTRACT-DATE (QTR/FY)			1/96	1/97				
DELIVERY-DATE (QTR/FY)			2/96	2/97				
INSTALLATION SCHEDULE:	FY-94		FY-95			FY-96		FY-97
QUARTERS	1 2 3 4		1 2 3 4		1	2 3 4		1 2 3 4
INPUT	1 2 3 4		1 2 3 4		10 11 12	6 6 7 7		1 1 1 1
OUTPUT					10 11 12	6 6 7 7		1 1 1 1
INSTALLATION SCHEDULE:	FY-99		FY-00					
QUARTERS	1 2 3 4		1 2 3 4					
INPUT	1 1 1 1		1 1 1 1					
OUTPUT	1 1 1 1		1 1 1 1					

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DATE 01/26/98

MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB

MODIFICATION TITLE AND NO: EXTEND SENTRY, RADAR SYSTEMS MN-50001R

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC E-3 CLASS P

MODELS OF AIRCRAFT AFFECTED: E-3

CENTER: ESC

PE 0207417F TEAM INFO

DESCRIPTION/JUSTIFICATION: EXTEND SENTRY is a family of modifications to the E-3 mission equipment and aircraft systems that is designed to keep the aircraft flying into the 21st century. These improvements are required to sustain the aircraft. The EXTEND SENTRY radar group addresses surveillance radar failures, mission aborts, code 3's, and can not duplicate events. Several of the actions represent critically needed technology insertion of the radar transmit chain, which is currently dependent upon a declining capability. The funds on this P3A cover several separate, but related, E-3 sustainment efforts. As such, the "Total Qty" column reflects the total of these separate modifications per year. FY94 funds put on contract in FY96 to purchase 33 Lls and will be installed through attrition maintenance. IFF is included in the Radar Sentry P-3, removed from 50001X. The IFF is included in FY94 (7) and in FY96 and FY97. The Kits Nonrecurring in FY97 is for preproduction and qual test for the Solid State Floating Deck Pulser.
AIRCRAFT BREAKDOWN: Active -- 33 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: See note on MN 50001X.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)		0.5										
PROCUREMENT (3010)												
INSTALL KITS	53	0.8										
KITS NONRECUR				3.0								
EQUIPMENT (93)		14.0										
EQUIP NONREC												
CHANGE ORDERS												
DATA		0.2		2.2								
SIM/TRAINER		0.6										
SUPPORT-EQUIP		12.3		7.1								
MISC												
INSTALLATION OF HARDWARE												
FY-96 53 KITS (53)		1.0										
TOTAL INSTALL QTY/COST	53	1.0										
TOTAL COST (BP-1100)	53	28.9		12.2								
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT/FIELD TEAM												
INITIAL LEAD TIME -- 3 MONTHS						FOLLOW-ON LEAD TIME -- 0 MONTHS						

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FACT SHEET: E-3 MN-50001R EXTEND SENTRY, RADAR SYSTEMS (CONTINUED)
 PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)								
PROCUREMENT (3010)								
INSTALL KITS							53	0.8
KITS NONRECUR								3.0
EQUIPMENT			(74)	24.8	(40)	35.0		73.8
EQUIP NONREC								
CHANGE ORDERS								
DATA								2.4
SIM/TRAINER								0.6
SUPPORT-EQUIP								19.3
MISC								
INSTALLATION OF HARDWARE								
FY-96 53 KITS							(53)	1.0
TOTAL INSTALL QTY/COST							53	1.0
TOTAL COST (BP-1100)				24.8		35.0	53	100.9
(TOTALS MAY NOT ADD DUE TO ROUNDING.)								

MILESTONES	FY-94	FY-95	FY-96	FY-97	FY-98
CONTRACT-DATE (QTR/FY)	1/96		1/96	1/97	1/98
DELIVERY-DATE (QTR/FY)	1/96		1/96	1/97	1/98
INSTALLATION SCHEDULE:	FY-94	FY-95	FY-96	FY-97	
QUARTERS	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4
INPUT				13 13 13 14	
OUTPUT				13 13 13 14	

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DATE 01/26/98

MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB

MODIFICATION TITLE AND NO: EXTEND SENTRY MN-50001X

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC E-3 CLASS P

MODELS OF AIRCRAFT AFFECTED: E-3

CENTER: ESC

PE 0207417F TEAM INFO

DESCRIPTION/JUSTIFICATION: EXTEND SENTRY is a family of modifications to the E-3 mission equipment and aircraft systems that is designed to keep the aircraft reliable into the 21st century. Improvements must be made to the E-3 mission equipment and aircraft systems to keep the aircraft flying. These improvements are required to sustain the aircraft. These funds cover all Extend Sentry contract award fee's MITRE, TEMS, and Travel, and miscellaneous engineering services tasks. Includes portions of MN99999A/S/X.

AIRCRAFT BREAKDOWN: Active -- 33 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: Development line has all 3600 funds for all Extend Sentry projects, test asset/lab support , TS-3 PDM and program support.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)		33.5		26.2		15.9		14.7		15.6		15.3
PROCUREMENT (3010)												
INSTALL KITS												
KITS NONRECUR												
EQUIPMENT												
EQUIP NONREC												
CHANGE ORDERS												
DATA												
SIM/TRAINER												
SUPPORT-EQUIP												
OGC		10.5		7.5		1.7		3.9		1.9		0.9
INSTALLATION OF HARDWARE												
TOTAL INSTALL QTY/COST												
TOTAL COST (BP-1100)		10.5		7.5		1.7		3.9		1.9		0.9
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT/FIELD TEAM												
INITIAL LEAD TIME -- 3 MONTHS						FOLLOW-ON LEAD TIME -- 3 MONTHS						

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FACT SHEET: E-3 MN-50001X EXTEND SENTRY
PROJECTED FINANCIAL PLAN (CONTINUED)

(CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)		13.3		16.9		36.4		
PROCUREMENT (3010)								
INSTALL KITS								
KITS NONRECUR								
EQUIPMENT								
EQUIP NONREC								
CHANGE ORDERS								
DATA								
SIM/TRAINER								
SUPPORT-EQUIP								
OGC		0.9						27.4
INSTALLATION OF HARDWARE								
TOTAL INSTALL QTY/COST								
TOTAL COST (BP-1100)		0.9						27.4

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DATE 01/26/98

MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC E-3 CLASS P

MODIFICATION TITLE AND NO: OFFENSIVE COUNTER AIR MN-70001C

MODELS OF AIRCRAFT AFFECTED: E-3

CENTER: ESC

PE 0207417F TEAM INFO

DESCRIPTION/JUSTIFICATION: Offensive Counter Air is responsible for near and long term upgrades to the E-3 combat ID technology including Broadcast Intelligence (TIBS). Overall focus is to ensure AWACS is DII/COE/GCCS compatible. Thirty three Group A kits are to provide communication architecture on the AWACS fleet while only 8 Group B kits will be used to plug into the communication infrastructure. This provides Broadcast Intelligence (BI) capability for the fleet - only 8 capable at any one time.

DEVELOPMENT STATUS: The 3600 funds support various Concept Exploration and Program Definition/Risk Reduction efforts such as DII-GCCS compliance and incremental plug-and-play software upgrades through spiral development within the Offensive-Air IPT. FY98 3600 funding begins PDRR for Cruise Missile Defense (CMD) upgrade.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)		8.2		8.4		12.9		13.4		10.4		21.1
PROCUREMENT (3010)												
INSTALL KITS			33	3.9								
KITS NONRECUR				4.6								
EQUIPMENT			(8)	4.4								
EQUIP NONREC				0.4								
CHANGE ORDERS												
DATA				2.3								
SIM/TRAINER				0.8								
SUPPORT-EQUIP												
TRAINING												
ICS												
REFURB												
GFE												
INSTALLATION OF HARDWARE												
FY-97 33 KITS							(33)	0.5				
TOTAL INSTALL QTY/COST							33	0.5				
TOTAL COST (BP-1100)			33	17.7		0.1		0.5				
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT												
INITIAL LEAD TIME -- 12 MONTHS						FOLLOW-ON LEAD TIME -- 12 MONTHS						

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FACT SHEET: E-3 MN-70001C OFFENSIVE COUNTER AIR
 PROJECTED FINANCIAL PLAN (CONTINUED)

(CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)		9.1		15.0		30.0		
PROCUREMENT (3010)								
INSTALL KITS							33	3.9
KITS NONRECUR								4.6
EQUIPMENT								4.4
EQUIP NONREC								0.4
CHANGE ORDERS								
DATA								2.3
SIM/TRAINER								0.8
SUPPORT-EQUIP								
TRAINING								
ICS								
REFURB								
GFE								
INSTALLATION OF HARDWARE								
FY-97 33 KITS							(33)	0.5
TOTAL INSTALL QTY/COST							33	0.5
TOTAL COST (BP-1100)							33	18.3
(TOTALS MAY NOT ADD DUE TO ROUNDING.)								
MILESTONES								
	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99		
CONTRACT-DATE (QTR/FY)				1/97	1/98			
DELIVERY-DATE (QTR/FY)				1/98	1/99			
INSTALLATION SCHEDULE:	FY-94		FY-95		FY-96		FY-97	
QUARTERS	1 2 3 4		1 2 3 4		1 2 3 4		1 2 3 4	
INPUT							7 7 7	
OUTPUT							7 7 7	
INSTALLATION SCHEDULE:	FY-99							
QUARTERS	1 2 3 4							
INPUT	4 4 4							
OUTPUT	4 4 4							

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DATE 01/26/98

MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC E-3 CLASS P

MODIFICATION TITLE AND NO: RADAR SYSTEM IMPROVEMENT PROGRAM MN-7266

MODELS OF AIRCRAFT AFFECTED: E-3B/C

CENTER: ESC

PE 0207417F TEAM INFO

DESCRIPTION/JUSTIFICATION: Funds concurrent acquisition and retrofit of the Radar System Improvement Program (RSIP) to enhance radar detection, ECCM, and improve and expand radar maintenance capabilities. RSIP will improve R&M and provide additional computing capacity needed for future radar improvements.

AIRCRAFT BREAKDOWN: Active -- 33 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: Full rate production decision was approved 11 Sep 97.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)		128.4										
PROCUREMENT (3010)												
INSTALL KITS	(2)	0.4	(2)	0.6	(4)	1.1	(5)	0.9	(6)	1.0	(7)	1.2
KITS NONRECUR		1.3										
EQUIPMENT	2	22.1	2	14.7	4	28.2	5	42.0	6	53.3	7	48.2
EQUIP NONREC		14.2		3.0		5.9		0.9		2.2		
CHANGE ORDERS										1.4		2.2
DATA		0.7		0.4						0.1		0.1
SIM/TRAINER				0.8		18.0		8.7		1.4		
SUPPORT-EQUIP		3.8		1.4		0.6						
REFURB		1.0		18.1		0.8		1.2		7.9		1.6
COMMODITY MOD		0.3		0.3		0.3		1.0		1.0		1.0
ICS						0.4		0.4		0.2		
PMA		1.1		5.3		3.6		2.6		4.6		3.7
GFE		1.1		0.1		0.1		0.2		0.3		0.3
INSTALLATION OF HARDWARE												
FY-96 2 KITS					(1)	6.1	(1)					
FY-97 2 KITS							(2)	1.9				
FY-98 4 KITS									(4)	5.5		
FY-99 5 KITS											(5)	6.4
FY-00 6 KITS												
FY-01 7 KITS												
FY-02 6 KITS												
TOTAL INSTALL QTY/COST					1	6.1	3	1.9	4	5.5	5	6.4
TOTAL COST (BP-1100)	2	46.1	2	44.7	4	65.1	5	59.7	6	78.9	7	64.7
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT												
INITIAL LEAD TIME -- 24 MONTHS												
FOLLOW-ON LEAD TIME -- 24 MONTHS												

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FACT SHEET: E-3 MN-7266 RADAR SYSTEM IMPROVEMENT PROGRAM (CONTINUED)
 PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL						
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT					
RDT&E (3600)													
PROCUREMENT (3010)													
INSTALL KITS	(6)	1.0						6.3					
KITS NONRECUR								1.3					
EQUIPMENT	6	43.0					32	251.6					
EQUIP NONREC								26.2					
CHANGE ORDERS		0.7						4.4					
DATA		0.1				0.4		1.9					
SIM/TRAINER								28.9					
SUPPORT-EQUIP								5.9					
REFURB		2.9						33.5					
COMMODITY MOD		1.0		0.5				5.3					
ICS								1.0					
PMA		4.0		3.7				28.4					
GFE		0.2						2.2					
INSTALLATION OF HARDWARE													
FY-96 2 KITS							(2)	6.1					
FY-97 2 KITS							(2)	1.9					
FY-98 4 KITS							(4)	5.5					
FY-99 5 KITS							(5)	6.4					
FY-00 6 KITS	(6)	5.8					(6)	5.8					
FY-01 7 KITS			(7)	6.9			(7)	6.9					
FY-02 6 KITS					(6)	6.1	(6)	6.1					
TOTAL INSTALL QTY/COST	6	5.8	7	6.9	6	6.1	32	38.7					
TOTAL COST (BP-1100)	6	58.8		11.1		6.5	32	435.7					
(TOTALS MAY NOT ADD DUE TO ROUNDING.)													
MILESTONES													
	FY-93	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	FY-04	FY-05
CONTRACT-DATE (QTR/FY)				2/96	1/97	1/98	1/99	1/00	1/01	1/02			
DELIVERY-DATE (QTR/FY)				3/98	1/99	1/00	1/01	1/02	1/03	1/04			
INSTALLATION SCHEDULE:	FY-98			FY-99			FY-00		FY-01			FY-02	
QUARTERS	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4
INPUT		1	1	1	1	1	1	1	2	1	1	1	2
OUTPUT			1	1	1	1	1	1	1	2	1	1	1
INSTALLATION SCHEDULE:	FY-03			FY-04			FY-05						
QUARTERS	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4					
INPUT	2	2	2	1	1	1	2	2					
OUTPUT	1	2	2	2	1	1	1	2					

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)								DATE FEBRUARY 1998	
APPROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT AF/AIRCRAFT MODIFICATIONS				P-1 ITEM NOMENCLATURE: E-4					
	1997	1998	1999	2000	2001	2002	2003		
COST (In Mil)	\$12.529	\$13.379	\$13.987	\$26.936	\$35.290	\$14.625	\$35.042		

This line item funds modifications to the E-4B aircraft. The four engine E-4B is a highly modified Boeing 747-200 airframe used in support of the mission of the National Airborne Operations Center (NAOC). NAOC provides the National Command Authorities with a survivable airborne command and control platform and gives the President ready access to the National Military Command System. The primary modification budgeted in FY99 is the Traffic Alert & Collision Avoidance System (TCAS). Other modifications are budgeted to enhance operational capability while improving flight safety, reliability, and maintainability. The specific modifications budgeted and programmed are below.

CLASS	MOD NR	MODIFICATION TITLE	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	COST TO GO	TOTAL PROG.
P-S	99999A	LOW COST SAFETY MODIFICATIONS				0.3	1.6	1.2	1.2		4.3
		CLASS P-S TOTAL FOR E-4				0.3	1.6	1.2	1.2		
P	3149T	TRAFFIC ALERT & COLLISON AVOID	2.0	2.2	3.2	0.6					8.0
	3150	NAVSTAR GLOBAL POSITIONING SYS	1.2		0.2	0.4					21.5
	3445	UNIVERSAL MODEM				5.2	5.0	0.1			10.3
	3501	SHF SATCOM	1.0								8.0
	3505	MODIFIED MINITURE RECEIVE TERM				12.0	18.2	7.7	1.6		39.5
	4374	E-4 MISSION COMMUNICATIONS UPG	4.8		3.5	3.6					21.9
	9702	8.33 KHZ VFH RADIO		0.4	0.6	0.3					1.3
	99999S	SERVICE BULLETINS	1.8	5.7	1.9	1.3	4.6	2.1	1.3		28.2
	99999X	LOW COST MODIFICATIONS	1.7	2.5	0.7		2.0	1.0	0.6		9.9
	Z88888	REPROGRAMMINGS		0.3							-5.3
	_RIC7N	E-4B INFRASTRUCTURE MODERNIZAT							23.4	48.3	71.7
	_U7S7O	E-4B MISSION SUPPORT UPGRADE							6.9	14.3	21.1
	_VDNI3	E-4B NOISE REDUCTION UPGRADE				1.3	3.8	2.6			7.7
	_XVUFC	ENHANCED GROUND PROXIMITY WARN		2.2	3.9	2.0					8.2
		CLASS P TOTAL FOR E-4	12.5	13.4	14.0	26.6	33.7	13.4	33.8	62.6	
		TOTAL FOR E-4	12.5	13.4	14.0	26.9	35.3	14.6	35.0	62.6	

Totals may not add due to rounding.

	P-1 SHOPP LIST ITEM NO. 057	PAGE NO.	
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DATE 01/26/98

MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB

MODIFICATION TITLE AND NO: TRAFFIC ALERT & COLLISION AVOIDANCE SYSTEM MN-3149T

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC E-4 CLASS P

MODELS OF AIRCRAFT AFFECTED: E-4B

CENTER: OC-ALC

PE 0302015F TEAM INFO

DESCRIPTION/JUSTIFICATION: The Navigation and Safety Upgrade program combines the E-4 Navigation and Safety upgrades on Air Force aircraft designated for DV passenger missions. The Traffic Collision Avoidance System (TCAS) will provide a display for inbound aircraft traffic and provides both visual display corrective action and audible warning. The modification is IAW SECDEF 26 Apr 96 letter requiring "navigation and safety upgrades for the 89th Airlift Wing, Distinguished Visitor (DV) and Operational Support Airlift (OSA) aircraft." This modification will install TCAS II/MODE "S" on four aircraft.

AIRCRAFT BREAKDOWN: Active -- 4 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: N/A.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS					1	0.4	3	0.4				
KITS NONRECUR				1.7		0.6						
EQUIPMENT						1.2		2.2				
EQUIP NONREC												
CHANGE ORDERS												
DATA				0.3								
SIM/TRAINER												
SUPPORT-EQUIP												
INSTALLATION OF HARDWARE												
FY-98 1 KITS							(1)	0.3				
FY-99 3 KITS							(1)	0.3	(2)	0.6		
TOTAL INSTALL QTY/COST							2	0.6	2	0.6		
TOTAL COST (BP-1100)				2.0	1	2.2	3	3.2		0.6		
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION -- CLS												
INITIAL LEAD TIME -- 18 MONTHS						FOLLOW-ON LEAD TIME -- 12 MONTHS						

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FACT SHEET: E-4 MN-3149T TRAFFIC ALERT & COLLISION AVOIDANCE SYSTEM (CONTINUED)
 PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL		
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	
RDT&E (3600)									
PROCUREMENT (3010)									
INSTALL KITS							4	0.8	
KITS NONRECUR								2.3	
EQUIPMENT								3.4	
EQUIP NONREC									
CHANGE ORDERS									
DATA								0.3	
SIM/TRAINER									
SUPPORT-EQUIP									
INSTALLATION OF HARDWARE									
FY-98 1 KITS							(1)	0.3	
FY-99 3 KITS							(3)	0.9	
TOTAL INSTALL QTY/COST							4	1.2	
TOTAL COST (BP-1100)							4	8.0	
(TOTALS MAY NOT ADD DUE TO ROUNDING.)									
MILESTONES									
	FY-97	FY-98	FY-99	FY-00	FY-01				
CONTRACT-DATE (QTR/FY)		1/98	1/99						
DELIVERY-DATE (QTR/FY)		3/99	1/00						
INSTALLATION SCHEDULE:	FY-97		FY-98		FY-99		FY-00		FY-01
QUARTERS	1 2 3 4		1 2 3 4		1 2 3 4		1 2 3 4		1 2 3 4
INPUT					1		1 1 1		
OUTPUT							1 1		1 1

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MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE

MODIFICATION TITLE AND NO: NAVSTAR GLOBAL POSITIONING SYSTEM MN-3150

CLC E-4 CLASS P

MODELS OF AIRCRAFT AFFECTED: E-4B

CENTER: OC-ALC

PE 0302015F TEAM INFO

DESCRIPTION/JUSTIFICATION: The Navstar Global Positioning system (GPS) provides worldwide three-dimensional positioning/navigation for military aircraft. Satellites broadcast high accuracy data signals which are received by user equipment to compute platform position/velocity and provide steering vectors to target locations. The GPS module is embedded in a FMS-800. The addition the design will include and Electronic Flight Instrument System (EFIS-10) "glass cockpit" and replace the Delco Carousel IV-AT INS with the LTN-92 ring laser gyro INS. The prototype installation is currently ongoing.

AIRCRAFT BREAKDOWN: Active -- 4 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: Complete.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS	4	2.3										
KITS NONRECUR		9.3										
EQUIPMENT		3.0										
EQUIP NONREC		3.2										
CHANGE ORDERS				1.2								
DATA		1.1										
SIM/TRAINER		0.2										
SUPPORT-EQUIP												
INSTALLATION OF HARDWARE												
FY-94 2 KITS (1)		0.8					(1)	0.2				
FY-95 1 KITS									(1)	0.2		
FY-96 1 KITS									(1)	0.2		
TOTAL INSTALL QTY/COST	1	0.8					1	0.2	2	0.4		
TOTAL COST (BP-1100)	4	19.7		1.2				0.2		0.4		

(TOTALS MAY NOT ADD DUE TO ROUNDING.)

METHOD OF IMPLEMENTATION: INSTALLATION -- CLS

INITIAL LEAD TIME -- 24 MONTHS

FOLLOW-ON LEAD TIME -- 18 MONTHS

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FACT SHEET: E-4 MN-3150 NAVSTAR GLOBAL POSITIONING SYSTEM (CONTINUED)
 PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)								
PROCUREMENT (3010)								
INSTALL KITS							4	2.3
KITS NONRECUR								9.3
EQUIPMENT								3.0
EQUIP NONREC								3.2
CHANGE ORDERS								1.2
DATA								1.1
SIM/TRAINER								0.2
SUPPORT-EQUIP								
INSTALLATION OF HARDWARE								
FY-94 2 KITS							(2)	1.0
FY-95 1 KITS							(1)	0.2
FY-96 1 KITS							(1)	0.2
TOTAL INSTALL QTY/COST							4	1.3
TOTAL COST (BP-1100)							4	21.5
(TOTALS MAY NOT ADD DUE TO ROUNDING.)								
MILESTONES								
	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01
CONTRACT-DATE (QTR/FY)	4/94	4/95	1/96					
DELIVERY-DATE (QTR/FY)	4/96	2/97	3/97					
INSTALLATION SCHEDULE:	FY-94		FY-95			FY-96		FY-97
QUARTERS	1 2 3 4		1 2 3 4			1 2 3 4		1 2 3 4
INPUT							1	
OUTPUT								1
INSTALLATION SCHEDULE:	FY-99		FY-00			FY-01		
QUARTERS	1 2 3 4		1 2 3 4			1 2 3 4		
INPUT		1	1		1			
OUTPUT			1	1		1		

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MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB

MODIFICATION TITLE AND NO: E-4 MISSION COMMUNICATIONS UPGRADE MN-4374

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC E-4 CLASS P

MODELS OF AIRCRAFT AFFECTED: E-4B

CENTER: OC-ALC

PE 0302015F TEAM INFO

DESCRIPTION/JUSTIFICATION: The E-4 communications upgrade is required to enable the NAOC to support its primary mission. The upgrade consists of integrating INMARSAT, which provides direct access to public switched telephone networks and military communications systems, and an upgraded UHF SATCOM system to provide full duplex voice communications, and STU IIIs. First installation was delayed due to aircraft availability. First Install delivered Apr 97.
AIRCRAFT BREAKDOWN: Active -- 4 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: None. No RDT&E required.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS	1	1.1	1	0.5			1	0.5	1	0.5		
KITS NONRECUR		3.7										
EQUIPMENT	(1)	2.4	(1)	2.0			(1)	2.1	(1)	2.2		
EQUIP NONREC												
CHANGE ORDERS												
DATA		0.8		1.5								
SIM/TRAINER												
SUPPORT-EQUIP												
INSTALLATION OF HARDWARE												
FY-95 1 KITS	(1)	1.9										
FY-97 1 KITS			(1)	0.8								
FY-99 1 KITS							(1)	0.9				
FY-00 1 KITS									(1)	0.9		
TOTAL INSTALL QTY/COST	1	1.9	1	0.8			1	0.9	1	0.9		
TOTAL COST (BP-1100)	1	10.0	1	4.8			1	3.5	1	3.6		
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION -- CLS												
INITIAL LEAD TIME -- 6 MONTHS						FOLLOW-ON LEAD TIME -- 6 MONTHS						

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FACT SHEET: E-4 MN-4374 E-4 MISSION COMMUNICATIONS UPGRADE (CONTINUED)
 PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)								
PROCUREMENT (3010)								
INSTALL KITS							4	2.7
KITS NONRECUR								3.7
EQUIPMENT								8.7
EQUIP NONREC								
CHANGE ORDERS								
DATA								2.3
SIM/TRAINER								
SUPPORT-EQUIP								
INSTALLATION OF HARDWARE								
FY-95 1 KITS							(1)	1.9
FY-97 1 KITS							(1)	0.8
FY-99 1 KITS							(1)	0.9
FY-00 1 KITS							(1)	0.9
TOTAL INSTALL QTY/COST							4	4.4
TOTAL COST (BP-1100)							4	21.9
(TOTALS MAY NOT ADD DUE TO ROUNDING.)								
MILESTONES								
	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	
CONTRACT-DATE (QTR/FY)		3/96		2/98	1/99	1/00		
DELIVERY-DATE (QTR/FY)		1/97		4/98	3/99	3/00		
INSTALLATION SCHEDULE:	FY-95		FY-96		FY-97		FY-98	FY-99
QUARTERS	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4
INPUT					1		1	1
OUTPUT					1		1	
INSTALLATION SCHEDULE:	FY-00		FY-01					
QUARTERS	1 2 3 4	1 2 3 4						
INPUT			1					
OUTPUT	1		1					

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MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB

MODIFICATION TITLE AND NO: ENHANCED GROUND PROXIMITY WARNING SYSTEM (EGPWS) MN-XVUFC

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC E-4 CLASS P

MODELS OF AIRCRAFT AFFECTED: E-4B

CENTER: OC-ALC

PE 0302015F TEAM INFO

DESCRIPTION/JUSTIFICATION: EGPWS is an element of the Navigation and Safety upgrade program. Enhanced Ground Proximity Warning System increases pilot situation awareness by providing a "look ahead" through the projection of the aircraft's position onto a digital database. It provides a visual graphic of terrain conflicts and substantially reduces many nuisance warnings.

AIRCRAFT BREAKDOWN: Active -- 4 RES -- 0 ANG -- 0

DEVELOPMENT STATUS:

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS					1	0.2	2	0.4	1	0.2		
KITS NONRECUR						1.3						
EQUIPMENT						0.8		1.5		0.8		
EQUIP NONREC												
CHANGE ORDERS												
DATA								1.2				
SIM/TRAINER												
SUPPORT-EQUIP												
INSTALLATION OF HARDWARE												
FY-98 1 KITS							(1)	0.8				
FY-99 2 KITS									(2)	0.7		
FY-00 1 KITS									(1)	0.4		
TOTAL INSTALL QTY/COST							1	0.8	3	1.1		
TOTAL COST (BP-1100)					1	2.2	2	3.9	1	2.0		
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION -- CLS												
INITIAL LEAD TIME -- 8 MONTHS					FOLLOW-ON LEAD TIME -- 6 MONTHS							

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FACT SHEET: E-4 MN_XVUFC ENHANCED GROUND PROXIMITY WARNING SYSTEM (EGPWS) (CONTINUED)
 PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL									
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT								
RDT&E (3600)																
PROCUREMENT (3010)																
INSTALL KITS							4	0.8								
KITS NONRECUR								1.3								
EQUIPMENT								3.0								
EQUIP NONREC																
CHANGE ORDERS																
DATA								1.2								
SIM/TRAINER																
SUPPORT-EQUIP																
INSTALLATION OF HARDWARE																
FY-98 1 KITS							(1)	0.8								
FY-99 2 KITS							(2)	0.7								
FY-00 1 KITS							(1)	0.4								
TOTAL INSTALL QTY/COST							4	1.9								
TOTAL COST (BP-1100)							4	8.2								
(TOTALS MAY NOT ADD DUE TO ROUNDING.)																
MILESTONES																
	FY-97	FY-98	FY-99	FY-00	FY-01											
CONTRACT-DATE (QTR/FY)		2/98	1/99	1/00												
DELIVERY-DATE (QTR/FY)		4/98	3/99	3/00												
INSTALLATION SCHEDULE:	FY-97	FY-98			FY-99				FY-00				FY-01			
QUARTERS	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
INPUT								1					1			
OUTPUT									1				1			1

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)							DATE FEBRUARY 1998	
APPROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT AF/AIRCRAFT MODIFICATIONS				P-1 ITEM NOMENCLATURE: E-8				
	1997	1998	1999	2000	2001	2002	2003	
COST (In Mil)			\$44.179	\$30.073	\$16.091	\$17.197	\$24.202	

This line item funds modifications to the E-8 aircraft. The E-8 is a modified Boeing 707-300 airframe called Joint Surveillance and Target Attack Radar System (JSTARS). The JSTARS was developed for ground surveillance, targeting and battle management. The overall goal of the modifications budgeted in FY99 are to upgrade the mission systems due to diminishing manufacturing sources. The specific modifications are budgeted and programmed below.

CLASS	MOD NR	MODIFICATION TITLE	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	COST TO GO	TOTAL PROG.
P	99999X	LOW COST MODIFICATIONS							14.0	22.5	36.5
	GPC	GENERAL PURPOSE COMPUTER REPLA			11.8	8.1	4.3	2.9			27.1
	OWS	OPERATOR WORKSTATION REPLACEME			18.2	12.2	4.3	2.9			37.6
	PSP	PROGRAMMABLE SIGNAL PROCESSOR			7.8	5.4	4.3	2.9			20.4
	RC/PCU	RADAR CONTROL UNIT/PROCESSOR C			6.4	4.4	0.8	0.5			12.1
	_WHZZH	SATELLITE COMMUNICATIONS (SATC					2.4	8.0	10.2	2.9	23.5
	CLASS P	TOTAL FOR E-8B			44.2	30.1	16.1	17.2	24.2	25.4	
	TOTAL FOR E-8B				44.2	30.1	16.1	17.2	24.2	25.4	

Totals may not add due to rounding.

	P-1 SHOPP LIST ITEM NO. 058	PAGE NO.	489
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MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC E-8B CLASS P

MODIFICATION TITLE AND NO: GENERAL PURPOSE COMPUTER REPLACEMENT MN-GPC

MODELS OF AIRCRAFT AFFECTED: E-8C

CENTER: ESC

PE 0207581F TEAM INFO

DESCRIPTION/JUSTIFICATION: Mod required due to diminishing manufacturing sources. This mod will reduce the current qty of 5 militarized general purpose computers (DMS articles) with 2 commercial-off-the-shelf general purpose computers which will meet the current operational requirements.

AIRCRAFT BREAKDOWN: Active -- 10 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: These mods will be for aircraft 1-10 of the Joint STARS fleet. The contract for the non-recurring engineering (NRE) development was awarded 9 May 1997. The actual modifications to aircraft 1-10 will be two separate contract actions.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)				17.0		24.1		17.0				
PROCUREMENT (3010)												
INSTALL KITS							12	6.2	8	4.3		
KITS NONRECUR EQUIPMENT							(12)	5.5	(8)	3.8		
EQUIP NONREC CHANGE ORDERS DATA SIM/TRAINER SUPPORT-EQUIP												
INSTALLATION OF HARDWARE												
FY-99 12 KITS											(12)	4.3
FY-00 8 KITS												
TOTAL INSTALL QTY/COST											12	4.3
TOTAL COST (BP-1100) (TOTALS MAY NOT ADD DUE TO ROUNDING.)							12	11.8	8	8.1		4.3
METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT												
INITIAL LEAD TIME -- 24 MONTHS												
FOLLOW-ON LEAD TIME -- 24 MONTHS												

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FACT SHEET: E-8B MN-GPC GENERAL PURPOSE COMPUTER REPLACEMENT (CONTINUED)
 PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)								
PROCUREMENT (3010)								
INSTALL KITS							20	10.5
KITS NONRECUR								
EQUIPMENT								9.3
EQUIP NONREC								
CHANGE ORDERS								
DATA								
SIM/TRAINER								
SUPPORT-EQUIP								
INSTALLATION OF HARDWARE								
FY-99 12 KITS							(12)	4.3
FY-00 8 KITS (8)		2.9					(8)	2.9
TOTAL INSTALL QTY/COST	8	2.9					20	7.2
TOTAL COST (BP-1100)		2.9					20	27.1

(TOTALS MAY NOT ADD DUE TO ROUNDING.)

MILESTONES

	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02
CONTRACT-DATE (QTR/FY)			2/99	2/00		
DELIVERY-DATE (QTR/FY)			2/01	2/02		
INSTALLATION SCHEDULE:	FY-97		FY-98		FY-99	
QUARTERS	1 2 3 4		1 2 3 4		1 2 3 4	
INPUT						
OUTPUT						
INSTALLATION SCHEDULE:	FY-02					
QUARTERS	1 2 3 4					
INPUT		4 4				
OUTPUT	2	4 4				

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MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE

MODIFICATION TITLE AND NO: OPERATOR WORKSTATION REPLACEMENT MN-OWS

CLC E-8B CLASS P

MODELS OF AIRCRAFT AFFECTED: E-8C

CENTER: ESC

PE 0207581F TEAM INFO

DESCRIPTION/JUSTIFICATION: Mod required due to potential diminishing manufacturing sources and to retrofit the delivered assets to the new design. This mod will replace the current 18 militarized operator work stations per aircraft with 18 commercial-off-the-shelf operator workstations per aircraft which continue to meet the current operational requirements.

AIRCRAFT BREAKDOWN: Active -- 10 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: These mods will be for aircraft 1-10 of the Joint STARS fleet. The contract for the non-recurring engineering (NRE) development was awarded on 9 May 1997. The actual modifications to aircraft 1-10 will be two separate contract actions.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)				8.1		6.2						
PROCUREMENT (3010)												
INSTALL KITS							108	0.2	72	0.1		
KITS NONRECUR												
EQUIPMENT							(108)	18.0	(72)	12.1		
EQUIP NONREC												
CHANGE ORDERS												
DATA												
SIM/TRAINER												
SUPPORT-EQUIP												
INSTALLATION OF HARDWARE												
FY-99 108 KITS											(108)	4.3
FY-00 72 KITS												
TOTAL INSTALL QTY/COST											108	4.3
TOTAL COST (BP-1100)							108	18.2	72	12.2		4.3

(TOTALS MAY NOT ADD DUE TO ROUNDING.)

METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT

INITIAL LEAD TIME -- 24 MONTHS

FOLLOW-ON LEAD TIME -- 24 MONTHS

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FACT SHEET: E-8B MN-OWS OPERATOR WORKSTATION REPLACEMENT (CONTINUED)
 PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)								
PROCUREMENT (3010)								
INSTALL KITS							180	0.3
KITS NONRECUR								
EQUIPMENT								30.1
EQUIP NONREC								
CHANGE ORDERS								
DATA								
SIM/TRAINER								
SUPPORT-EQUIP								
INSTALLATION OF HARDWARE								
FY-99 108 KITS							(108)	4.3
FY-00 72 KITS (72)		2.9					(72)	2.9
TOTAL INSTALL QTY/COST	72	2.9					180	7.2
TOTAL COST (BP-1100)		2.9					180	37.6
(TOTALS MAY NOT ADD DUE TO ROUNDING.)								
MILESTONES								
	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02		
CONTRACT-DATE (QTR/FY)			2/99	2/00				
DELIVERY-DATE (QTR/FY)			2/01	2/02				
INSTALLATION SCHEDULE:	FY-97		FY-98		FY-99		FY-00	
QUARTERS	1 2 3 4		1 2 3 4		1 2 3 4		1 2 3 4	
INPUT							36 54 18	
OUTPUT							36 54	
INSTALLATION SCHEDULE:	FY-02							
QUARTERS	1 2 3 4							
INPUT	18 36 36							
OUTPUT	18 36 36							

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MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC E-8B CLASS P

MODIFICATION TITLE AND NO: PROGRAMMABLE SIGNAL PROCESSOR MN-PSP

MODELS OF AIRCRAFT AFFECTED: E-8C

CENTER: ESC

PE 0207581F TEAM INFO

DESCRIPTION/JUSTIFICATION: Mod required due to diminishing manufacturing sources. This mod will replace the current militarized Programmable Signal Processor (PSP) with a commercial-off-the-shelf PSP which continues to meet the current operational requirements.

AIRCRAFT BREAKDOWN: Active -- 10 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: These mods will be for aircraft 1-10 of the Joint STARS fleet. The NTE contract for the non-recurring engineering (NRE) development was awarded 21 May 1997 and is currently in process of definitization. The actual modifications to aircraft 1-10 will be two separate contract actions.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)				13.7		17.7		7.9				
PROCUREMENT (3010)												
INSTALL KITS							6	0.2	4	0.2		
KITS NONRECUR EQUIPMENT							(6)	7.6	(4)	5.2		
EQUIP NONREC CHANGE ORDERS DATA SIM/TRAINER SUPPORT-EQUIP												
INSTALLATION OF HARDWARE												
FY-99 6 KITS										(6)	4.3	
FY-00 4 KITS												
TOTAL INSTALL QTY/COST											6	4.3
TOTAL COST (BP-1100) (TOTALS MAY NOT ADD DUE TO ROUNDING.)							6	7.8	4	5.4		4.3
METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT												
INITIAL LEAD TIME -- 24 MONTHS												
FOLLOW-ON LEAD TIME -- 24 MONTHS												

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FACT SHEET: E-8B MN-PSP PROGRAMMABLE SIGNAL PROCESSOR (CONTINUED)
 PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)								
PROCUREMENT (3010)								
INSTALL KITS							10	0.4
KITS NONRECUR								
EQUIPMENT								12.8
EQUIP NONREC								
CHANGE ORDERS								
DATA								
SIM/TRAINER								
SUPPORT-EQUIP								
INSTALLATION OF HARDWARE								
FY-99 6 KITS							(6)	4.3
FY-00 4 KITS (4)		2.9					(4)	2.9
TOTAL INSTALL QTY/COST	4	2.9					10	7.2
TOTAL COST (BP-1100)		2.9					10	20.4
(TOTALS MAY NOT ADD DUE TO ROUNDING.)								
MILESTONES								
	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02		
CONTRACT-DATE (QTR/FY)			2/99	2/00				
DELIVERY-DATE (QTR/FY)			2/01	2/02				
INSTALLATION SCHEDULE:	FY-97		FY-98		FY-99		FY-00	
QUARTERS	1 2 3 4		1 2 3 4		1 2 3 4		1 2 3 4	
INPUT								2 3 1
OUTPUT								2 3
INSTALLATION SCHEDULE:	FY-02							
QUARTERS	1 2 3 4							
INPUT		2 2						
OUTPUT		1 2 2						

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DATE 01/26/98

MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE

MODIFICATION TITLE AND NO: RADAR CONTROL UNIT/PROCESSOR CONTROL UNIT MN-RC/PCU

CLC E-8B CLASS P

MODELS OF AIRCRAFT AFFECTED: E-8C

CENTER: ESC

PE 0207581F TEAM INFO

DESCRIPTION/JUSTIFICATION: Mod required due to diminishing manufacturing sources. This mod will replace the current militarized RCU/PCU with commercial-off-the-shelf RCU/PCU which continues to meet the current operational requirements.

AIRCRAFT BREAKDOWN: Active -- 10 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: These mods will be for aircrafts 1-10 of the Joint STARS fleet. The contract for the non-recurring engineering (NRE) for RCU development was awarded Dec 96. The NTE contract for the NRE development for the PCU was awarded 21 May 1997 and is currently in process of definitization. The actual modifications to aircraft 1-10 will be two separate contract actions.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)		2.3		9.2		4.9		3.5				
PROCUREMENT (3010)												
INSTALL KITS												
KITS NONRECUR												
EQUIPMENT							12	6.4	8	4.4		
EQUIP NONREC												
CHANGE ORDERS												
DATA												
SIM/TRAINER												
SUPPORT-EQUIP												
INSTALLATION OF HARDWARE												
FY-99 12 KITS											(12)	0.8
FY-00 8 KITS												
TOTAL INSTALL QTY/COST											12	0.8
TOTAL COST (BP-1100)							12	6.4	8	4.4		0.8
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT												
INITIAL LEAD TIME -- 24 MONTHS						FOLLOW-ON LEAD TIME -- 24 MONTHS						

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FACT SHEET: E-8B MN-RC/PCU RADAR CONTROL UNIT/PROCESSOR CONTROL UNIT (CONTINUED)
 PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)								
PROCUREMENT (3010)								
INSTALL KITS								
KITS NONRECUR								
EQUIPMENT							20	10.8
EQUIP NONREC								
CHANGE ORDERS								
DATA								
SIM/TRAINER								
SUPPORT-EQUIP								
INSTALLATION OF HARDWARE								
FY-99 12 KITS							(12)	0.8
FY-00 8 KITS (8)		0.5					(8)	0.5
TOTAL INSTALL QTY/COST	8	0.5					20	1.3
TOTAL COST (BP-1100)		0.5					20	12.1
(TOTALS MAY NOT ADD DUE TO ROUNDING.)								

MILESTONES

	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02
CONTRACT-DATE (QTR/FY)				2/99	2/00		
DELIVERY-DATE (QTR/FY)				2/01	2/02		
INSTALLATION SCHEDULE:	FY-01			FY-02			
QUARTERS	1 2 3 4			1 2 3 4			
INPUT	4 6 2			4 4			
OUTPUT	4 6 2			4 4			

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)								DATE FEBRUARY 1998	
APPROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT AF/AIRCRAFT MODIFICATIONS					P-1 ITEM NOMENCLATURE: H-1				
	1997	1998	1999	2000	2001	2002	2003		
COST (In Mil)	\$8.732	\$3.499	\$1.911	\$0.265	\$12.324	\$2.911	\$2.904		

This line item funds modifications to the UH-1N aircraft. The two engine UH-1N is a light-lift, utility helicopter primarily used for missile site and range support and distinguished visitor airlift support. The specific modifications budgeted and programmed are below.

CLASS	MOD NR	MODIFICATION TITLE	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	COST TO GO	TOTAL PROG.
P-S	99999A	LOW COST SAFETY MODIFICATIONS	0.9		0.1	0.3		0.5	0.5		2.4
		CLASS P-S TOTAL FOR H-1	0.9		0.1	0.3		0.5	0.5		
P	3149T	TRAFFIC ALERT & COLLISON AVOID		2.6			12.3	2.4	2.4		19.7
	3150	NAVSTAR GLOBAL POSITIONING SYS			0.8						3.8
	8432	INTEGRATED DATA ACQUISITION RE	2.7		1.0						9.6
	ODDS	OIL DEBRIS DETECTION SYSTEM		0.8							0.8
	T8123	FLEXPLATE MAIN DRIVESHAFT	5.1								11.0
	Z88888	REPROGRAMMINGS		0.1							0.1
		CLASS P TOTAL FOR H-1	7.8	3.5	1.8		12.3	2.4	2.4		
		TOTAL FOR H-1	8.7	3.5	1.9	0.3	12.3	2.9	2.9		

Totals may not add due to rounding.

	P-1 SHOPP LIST ITEM NO. 059	PAGE NO.	498
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DATE 01/26/98

MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE

MODIFICATION TITLE AND NO: TRAFFIC ALERT & COLLISION AVOIDANCE SYSTEM MN-3149T

CLC H-1 CLASS P

MODELS OF AIRCRAFT AFFECTED: UH-1N

CENTER: WR-ALC

PE 0101235F TEAM SPACE

DESCRIPTION/JUSTIFICATION: Airborne system that enables detection and avoidance of other aircraft on intercepting flight paths. Operated with and in conjunction with on-board IFF system as well as maintains aircraft separation.

AIRCRAFT BREAKDOWN: Active -- 64 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: N/A.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS											63	3.4
KITS NONRECUR											1	0.9
EQUIPMENT					(1)	0.9				(63)		2.8
EQUIP NONREC					(1)	1.5				(1)		1.2
CHANGE ORDERS												
DATA						0.1						
SIM/TRAINER												0.8
SUPPORT-EQUIP												2.4
OGC												
INSTALLATION OF HARDWARE												
FY-01 64 KITS											(10)	0.8
TOTAL INSTALL QTY/COST											10	0.8
TOTAL COST (BP-1100)						2.6					64	12.3
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION -- CONTRACT FIELD TEAM												
INITIAL LEAD TIME -- 6 MONTHS					FOLLOW-ON LEAD TIME -- 6 MONTHS							

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FACT SHEET: H-1 MN-3149T TRAFFIC ALERT & COLLISION AVOIDANCE SYSTEM (CONTINUED)
 PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)								
PROCUREMENT (3010)								
INSTALL KITS							63	3.4
KITS NONRECUR							1	0.9
EQUIPMENT								3.7
EQUIP NONREC								2.7
CHANGE ORDERS								
DATA								0.1
SIM/TRAINER								0.8
SUPPORT-EQUIP								2.4
OGC								0.0
INSTALLATION OF HARDWARE								
FY-01 64 KITS	(26)	2.4	(27)	2.4			(63)	5.6
TOTAL INSTALL QTY/COST	26	2.4	27	2.4			63	5.6
TOTAL COST (BP-1100)		2.4		2.4			64	19.7
(TOTALS MAY NOT ADD DUE TO ROUNDING.)								
MILESTONES								
	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	FY-04
CONTRACT-DATE (QTR/FY)					2/01	2/02	2/02	
DELIVERY-DATE (QTR/FY)					4/01	4/02	4/02	
INSTALLATION SCHEDULE:	FY-97		FY-98		FY-99		FY-00	FY-01
QUARTERS	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4
INPUT								
OUTPUT								10
INSTALLATION SCHEDULE:	FY-02		FY-03		FY-04			
QUARTERS	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4			
INPUT	6 6 7 7	6 6 7 8						
OUTPUT	10 6 6 7	7 6 6 7	8					

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DATE 01/26/98

MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE

MODIFICATION TITLE AND NO: INTEGRATED DATA ACQUISITION RECORDER MN-8432

CLC H-1 CLASS P

MODELS OF AIRCRAFT AFFECTED: UH-1N

CENTER: WR-ALC

PE 0101235F TEAM SPACE

DESCRIPTION/JUSTIFICATION: During operational missions, the UH-1N requires a Voice Activated Data Recorder (VADR) to provide aircraft Inertial Navigation System monitoring and aircrew cockpit and Air Traffic Control communications recordings.

AIRCRAFT BREAKDOWN: Active -- 64 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: N/A.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS	34	1.3	29	1.0								
KITS NONRECUR	1	1.5										
EQUIPMENT	(34)	2.9	(29)	1.6								
EQUIP NONREC	(1)	0.1										
CHANGE ORDERS												
DATA		0.1										
SIM/TRAINER												
SUPPORT-EQUIP		0.1										
SOFTWARE												
OGC				0.1				0.2				
INSTALLATION OF HARDWARE												
FY-96 35 KITS			(1)				(34)	0.4				
FY-97 29 KITS							(29)	0.4				
TOTAL INSTALL QTY/COST			1				63	0.8				
TOTAL COST (BP-1100)	35	6.0	29	2.7				1.0				

(TOTALS MAY NOT ADD DUE TO ROUNDING.)

METHOD OF IMPLEMENTATION: INSTALLATION -- CONTRACT FIELD TEAM

INITIAL LEAD TIME -- 12 MONTHS

FOLLOW-ON LEAD TIME -- 12 MONTHS

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FACT SHEET: H-1 MN-8432 INTEGRATED DATA ACQUISITION RECORDER (CONTINUED)
 PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)								
PROCUREMENT (3010)								
INSTALL KITS							63	2.3
KITS NONRECUR							1	1.5
EQUIPMENT								4.5
EQUIP NONREC								0.1
CHANGE ORDERS								
DATA								0.1
SIM/TRAINER								
SUPPORT-EQUIP								0.1
SOFTWARE								
OGC								0.2
INSTALLATION OF HARDWARE								
FY-96 35 KITS							(35)	0.5
FY-97 29 KITS							(29)	0.4
TOTAL INSTALL QTY/COST							64	0.8
TOTAL COST (BP-1100)							64	9.6
(TOTALS MAY NOT ADD DUE TO ROUNDING.)								
MILESTONES								
	FY-96	FY-97	FY-98	FY-99				
	-----	-----	-----	-----				
CONTRACT-DATE (QTR/FY)	3/97	3/97						
DELIVERY-DATE (QTR/FY)	3/98	4/98						
INSTALLATION SCHEDULE:	FY-96		FY-97		FY-98		FY-99	
QUARTERS	1 2 3 4		1 2 3 4		1 2 3 4		1 2 3 4	
INPUT							1 38 25	
OUTPUT							1 38 25	

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DATE 01/26/98

MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE

MODIFICATION TITLE AND NO: FLEXPLATE MAIN DRIVESHAFT MN-T8123

CLC H-1 CLASS P

MODELS OF AIRCRAFT AFFECTED: UH-1N HELICOPTERS

CENTER: WR-ALC

PE 0101235F TEAM SPACE

DESCRIPTION/JUSTIFICATION: This modification will replace existing Main Drive Shaft (MDS) with a proven, nonlubricated flexor fail passive design MDS. The modification requires an upgrade to the T400-CP-400 Combining Gear Box (CGB) as well as modified engine firewalls. Over the past several years military HH/UH-1NS (AF/Navy) helicopters have experienced related Class A mishaps directly attributable to failure of the MDS splined coupling. Both shaft misalignment and loss of lubrication have been identified as the most probable cause of these failures.

AIRCRAFT BREAKDOWN: Active -- 66 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: The Navy is Primary Inventory Control Agency (PICA) for the MDS and all design engineering has been accomplished by that service. Trial install and kit proof is also being done by the Navy.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS	40	1.1	25	0.4								
KITS NONRECUR	1											
EQUIPMENT	(40)	3.8	(25)	2.2								
EQUIP NONREC		0.9										
CHANGE ORDERS												
DATA				0.3								
SIM/TRAINER		0.1										
SUPPORT-EQUIP												
MOD OF SPARES				1.6								
INSTALLATION OF HARDWARE												
FY-96 41 KITS			(41)	0.4								
FY-97 25 KITS			(25)	0.2								
TOTAL INSTALL QTY/COST			66	0.6								
TOTAL COST (BP-1100)	41	5.9	25	5.1								
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT/FIELD TEAM												
INITIAL LEAD TIME -- 12 MONTHS						FOLLOW-ON LEAD TIME -- 9 MONTHS						

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FACT SHEET: H-1 MN-T8123 FLEXPLATE MAIN DRIVESHAFT (CONTINUED)
 PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)								
PROCUREMENT (3010)								
INSTALL KITS							65	1.6
KITS NONRECUR							1	0.0
EQUIPMENT								6.0
EQUIP NONREC								0.9
CHANGE ORDERS								
DATA								0.3
SIM/TRAINER								0.1
SUPPORT-EQUIP								0.0
MOD OF SPARES								1.6
INSTALLATION OF HARDWARE								
FY-96 41 KITS							(41)	0.4
FY-97 25 KITS							(25)	0.2
TOTAL INSTALL QTY/COST							66	0.6
TOTAL COST (BP-1100)							66	11.0
(TOTALS MAY NOT ADD DUE TO ROUNDING.)								

MILESTONES

	FY-96	FY-97	FY-98
CONTRACT-DATE (QTR/FY)	2/96	1/97	
DELIVERY-DATE (QTR/FY)	2/97	4/97	

INSTALLATION SCHEDULE:

	FY-96				FY-97				FY-98			
QUARTERS	1	2	3	4	1	2	3	4	1	2	3	4
INPUT					13	14	14	25				
OUTPUT					13	14	14	8	17			

UNCLASSIFIED

BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)							DATE FEBRUARY 1998	
APPROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT AF/AIRCRAFT MODIFICATIONS				P-1 ITEM NOMENCLATURE: H-60				
	1997	1998	1999	2000	2001	2002	2003	
COST (In Mil)	\$5.963	\$16.474	\$17.224	\$10.806	\$19.644	\$28.259	\$28.144	

This line item funds modifications to the HH-60 helicopter. The HH-60 is a twin engine, aerial refuelable helicopter capable of performing combat search and rescue missions day or night. The overall goal of the modifications budgeted in FY99 is to install the -701 engine in the HH-60 and provide enhanced communications capability. The specific modifications budgeted and programmed are below.

CLASS	MOD NR	MODIFICATION TITLE	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	COST TO GO	TOTAL PROG.
P	8254	ALTITUDE HOLD AND HOVER SYSTEM		1.0							8.0
	8258	AN/AAQ-16B FLIR	5.3							39.3	55.1
	99999X	LOW COST MODIFICATIONS								2.0	2.6
	ARR	701C ENGINE AND GEARBOX UPGRAD		9.8	14.0						23.8
	T8130	HH-60G RETROFIT	0.4							0.3	17.3
	T8179	VHF AM/FM ANTENNA REPLACEMENT/	0.2								1.5
	T8415	UPGRADE COMMUNICATIONS AND NAV		5.3	3.3	10.8	19.6	28.3	28.1	88.5	184.0
	Z88888	REPROGRAMMINGS	0.1	0.3							0.1
	CLASS P	TOTAL FOR MH-60	6.0	16.5	17.2	10.8	19.6	28.3	28.1	130.1	
	TOTAL FOR MH-60		6.0	16.5	17.2	10.8	19.6	28.3	28.1	130.1	

Totals may not add due to rounding.

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DATE 01/26/98

MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB

MODIFICATION TITLE AND NO: AN/AAQ-16B FLIR MN-8258

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC MH-60 CLASS P

MODELS OF AIRCRAFT AFFECTED: HH-60G

CENTER: WR-ALC

PE 0207224F TEAM AIR

DESCRIPTION/JUSTIFICATION: Purchases AN/AAQ-16 Group B required to equip 68 HH-60Gs with FLIR capability and provide ICS maintenance.
AIRCRAFT BREAKDOWN: Active -- 22 RES -- 25 ANG -- 15

DEVELOPMENT STATUS: The HH-60G is modified to accept the Q-16 FLIR with GPS-navigation upgrade modification. No additional development or modification required.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS												
KITS NONRECUR												
EQUIPMENT	12	9.4	5	4.0								
EQUIP NONREC												
CHANGE ORDERS												
DATA												
SIM/TRAINER												
SUPPORT-EQUIP												
ICS		1.1		1.3								
TOTAL COST (BP-1100)	12	10.5	5	5.3								
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION -- ORG/INTERMEDIATE												
INITIAL LEAD TIME -- 12 MONTHS						FOLLOW-ON LEAD TIME -- 12 MONTHS						

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FACT SHEET: MH-60 MN-8258 AN/AAQ-16B FLIR
 PROJECTED FINANCIAL PLAN (CONTINUED)

(CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL						
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT					
RDT&E (3600)													
PROCUREMENT (3010)													
INSTALL KITS													
KITS NONRECUR													
EQUIPMENT					43	39.3	60	52.7					
EQUIP NONREC													
CHANGE ORDERS													
DATA													
SIM/TRAINER													
SUPPORT-EQUIP													
ICS													2.3
TOTAL COST (BP-1100)					43	39.3	60	55.1					
(TOTALS MAY NOT ADD DUE TO ROUNDING.)													
MILESTONES													
	FY-93	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	FY-04	FY-05
CONTRACT-DATE (QTR/FY)	4/95				1/97							1/04	1/05
DELIVERY-DATE (QTR/FY)	2/97				1/98							1/05	1/06

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MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC MH-60 CLASS P

MODIFICATION TITLE AND NO: 701C ENGINE AND GEARBOX UPGRADE MN-ARR

MODELS OF AIRCRAFT AFFECTED: HH-60G/MH-60G

CENTER: WR-ALC

PE 0503114F TEAM AIR

DESCRIPTION/JUSTIFICATION: Replaces the UH-60L gearbox with an improved durability gearbox with roto-brake. Also replaces the -700 engine with the -701C engine and installs improved flight controls (ECP451). Funds for this modification are in PE 53114F (Title Aerospace Rescue and Recovery ANG) and PE27224F (Combat Rescue and Recovery).

AIRCRAFT BREAKDOWN: Active -- 0 RES -- 0 ANG -- 11

DEVELOPMENT STATUS: N/A.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS					5	1.0	5	1.1				
KITS NONRECUR												
EQUIPMENT					(5)	2.8	(5)	3.3				
EQUIP NONREC												
CHANGE ORDERS												
DATA								0.1				
SIM/TRAINER												
SUPPORT-EQUIP								1.5				
ENGINES					(10)	5.7	(10)	5.9				
OGC						0.3		0.4				
INSTALLATION OF HARDWARE												
FY-98 5 KITS							(5)	0.9				
FY-99 5 KITS							(5)	0.9				
TOTAL INSTALL QTY/COST							10	1.8				
TOTAL COST (BP-1100)					5	9.8	5	14.0				
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT												
INITIAL LEAD TIME -- 10 MONTHS					FOLLOW-ON LEAD TIME -- 6 MONTHS							

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FACT SHEET: MH-60 MN-ARR 701C ENGINE AND GEARBOX UPGRADE (CONTINUED)
 PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)								
PROCUREMENT (3010)								
INSTALL KITS							10	2.1
KITS NONRECUR								
EQUIPMENT								6.1
EQUIP NONREC								
CHANGE ORDERS								
DATA								0.1
SIM/TRAINER								
SUPPORT-EQUIP								1.5
ENGINES								11.6
OGC								0.6
INSTALLATION OF HARDWARE								
FY-98 5 KITS							(5)	0.9
FY-99 5 KITS							(5)	0.9
TOTAL INSTALL QTY/COST							10	1.8
TOTAL COST (BP-1100)							10	23.8
(TOTALS MAY NOT ADD DUE TO ROUNDING.)								

MILESTONES

	FY-97	FY-98	FY-99	FY-00
CONTRACT-DATE (QTR/FY)		2/98	1/99	
DELIVERY-DATE (QTR/FY)		1/99	3/99	

INSTALLATION SCHEDULE:	FY-97				FY-98				FY-99				FY-00			
QUARTERS	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
INPUT									1	3	3	3				
OUTPUT									1	3	3	3				

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DATE 01/26/98

MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB

MODIFICATION TITLE AND NO: HH-60G RETROFIT MN-T8130

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC MH-60 CLASS P

MODELS OF AIRCRAFT AFFECTED: HH-60G

CENTER: WR-ALC

PE 0207224F TEAM AIR

DESCRIPTION/JUSTIFICATION: To manufacture Group A and install -132 equipment on ten 1981/82 model aircraft and procure three of Group B (7.62 Minigun Pentile Mount, Feeder Delinkers, and Light Airborne Recovery System (LARS)). Manufacture Group A and install WR-ALC/LUH ECP 94-1 for LARS on fourteen 1988, eight 1989, two 1990, four 1991, and two 1992 model aircraft. Manufacture and install WR-ALC/LUH ECP 94-5 to correct Hoist System Deficiencies and WR-ALC/LUH ECP 94-6 to correct number one VHF/FM antenna deficiencies. Retrofit all aircraft with improved fuel transfer pump. Installs Aerial Refueling modification on 4 aircraft.

AIRCRAFT BREAKDOWN: Active -- 24 RES -- 23 ANG -- 18

DEVELOPMENT STATUS: Group B already procured except for fifteen 7.62 pentile, fifty-six feeder delinkers, and eighteen LARS. Engineering is complete on WR-ALC/LUH ECPs 94-1, 94-5, and 94-6.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS	65	6.1										
KITS NONRECUR		0.3										
EQUIPMENT (65)		2.7										
EQUIP NONREC												
CHANGE ORDERS												
DATA		0.6										
SIM/TRAINER												
SUPPORT-EQUIP		0.2										
ICS		0.4		0.3								
INSTALLATION OF HARDWARE												
FY-94 65 KITS (64)		6.3	(1)									
TOTAL INSTALL QTY/COST	64	6.3	1									
TOTAL COST (BP-1100)	65	16.6		0.4								
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT												
INITIAL LEAD TIME -- 2 MONTHS					FOLLOW-ON LEAD TIME -- 2 MONTHS							

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FACT SHEET: MH-60 MN-T8130 HH-60G RETROFIT (CONTINUED)
 PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)								
PROCUREMENT (3010)								
INSTALL KITS							65	6.1
KITS NONRECUR								0.3
EQUIPMENT								2.7
EQUIP NONREC								
CHANGE ORDERS								
DATA								0.6
SIM/TRAINER								
SUPPORT-EQUIP								0.2
ICS						0.3		1.0
INSTALLATION OF HARDWARE								
FY-94 65 KITS							(65)	6.3
TOTAL INSTALL QTY/COST							65	6.3
TOTAL COST (BP-1100)						0.3	65	17.3
(TOTALS MAY NOT ADD DUE TO ROUNDING.)								
MILESTONES								
	FY-94	FY-95	FY-96	FY-97	FY-98			
CONTRACT-DATE (QTR/FY)	1/94	1/95						
DELIVERY-DATE (QTR/FY)	1/94	1/95						
INSTALLATION SCHEDULE:	FY-94		FY-95		FY-96		FY-97	
QUARTERS	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4
INPUT	1 4 2 30	20 7					1	
OUTPUT		31 23 10					1	

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MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC MH-60 CLASS P

MODIFICATION TITLE AND NO: UPGRADE COMMUNICATIONS AND NAVIGATION/INTEGRATED E MN-T8415

MODELS OF AIRCRAFT AFFECTED: HH-60G

CENTER: WR-ALC

PE 0207224F TEAM AIR

DESCRIPTION/JUSTIFICATION: Modifies the HH-60G with upgraded communications and navigation (UCN) system to include SATCOM, cockpit integration and Night Vision Goggle (NVG) compatible cockpit lighting. This mod will provide the satellite communications capability required for integration into the modern battlefield command, control and communications network. The cockpit integration portion of the mod corrects human factor deficiencies inherent in the original HH-60G GPS navigation upgrade modification. Required NVG compatible lighting will be provided by the elimination of unlighted comm/nav equipment control heads during the cockpit integration effort. Incompatible lighted panels and controls will also be modified to compliance. Additionally the EW portion of the mod will install enhanced chaff/flare dispensers in an optimized configuration, missile warning system and an enhanced radar warning receiver. System will improve weapon system survivability by providing automated response as well as manual flare/chaff dispense capability.

DEVELOPMENT STATUS: Engineering for UCN portion has begun, development of the IEW began with a previous effort. Complete engineering effort is scheduled to begin in August 1998.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS					1	0.2			7	1.2	15	2.6
KITS NONRECUR						2.1				0.4		
EQUIPMENT					(1)	0.7			(7)	5.7	(15)	11.9
EQUIP NONREC												
CHANGE ORDERS												
DATA												
SIM/TRAINER						0.5		0.6		2.4		0.5
SUPPORT-EQUIP						0.5		0.4		0.4		0.9
ICS						0.5						
OGC						0.5		0.8		0.8		0.8
FLIGHT TEST								1.5				
INSTALLATION OF HARDWARE												
FY-98 1 KITS					(1)	0.4						
FY-00 7 KITS										(7)		2.8
FY-01 15 KITS												
FY-02 20 KITS												
FY-03 17 KITS												
FY-04 20 KITS												
FY-05 20 KITS												
FY-06 7 KITS												
TOTAL INSTALL QTY/COST						1	0.4				7	2.8
TOTAL COST (BP-1100)						1	5.3	3.3	7	10.8	15	19.6

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FACT SHEET: MH-60 MN-T8415 UPGRADE COMMUNICATIONS AND NAVIGATION/INTEGRATED E (CONTINUED)
PROJECTED FINANCIAL PLAN (CONTINUED)

(TOTALS MAY NOT ADD DUE TO ROUNDING.)

METHOD OF IMPLEMENTATION: INSTALLATION -- CONTRACT FIELD TEAM
INITIAL LEAD TIME -- 6 MONTHS FOLLOW-ON LEAD TIME -- 12 MONTHS

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FACT SHEET: MH-60 MN-T8415 UPGRADE COMMUNICATIONS AND NAVIGATION/INTEGRATED E (CONTINUED)
 PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL				
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT			
RDT&E (3600)											
PROCUREMENT (3010)											
INSTALL KITS	20	3.6	17	3.1	47	9.1	107	19.8			
KITS NONRECUR								2.5			
EQUIPMENT	(20)	16.6	(17)	14.6	(47)	43.1		92.7			
EQUIP NONREC											
CHANGE ORDERS											
DATA											
SIM/TRAINER								4.0			
SUPPORT-EQUIP		1.0		1.0		3.3		7.6			
ICS								0.5			
OGC		0.8		0.8		3.9		8.4			
FLIGHT TEST								1.5			
INSTALLATION OF HARDWARE											
FY-98 1 KITS							(1)	0.4			
FY-00 7 KITS							(7)	2.8			
FY-01 15 KITS (15)		6.2					(15)	6.2			
FY-02 20 KITS			(20)	8.5			(20)	8.5			
FY-03 17 KITS					(17)	7.5	(17)	7.5			
FY-04 20 KITS					(20)	9.1	(20)	9.1			
FY-05 20 KITS					(20)	9.4	(20)	9.4			
FY-06 7 KITS					(7)	3.3	(7)	3.3			
TOTAL INSTALL QTY/COST	15	6.2	20	8.5	64	29.2	107	47.1			
TOTAL COST (BP-1100)	20	28.3	17	28.1	47	88.5	107	184.0			
(TOTALS MAY NOT ADD DUE TO ROUNDING.)											
MILESTONES											
	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	FY-04	FY-05	FY-06	FY-07
CONTRACT-DATE (QTR/FY)		1/98		1/00	1/01	1/02	1/03	1/04	1/05	1/06	
DELIVERY-DATE (QTR/FY)		3/98		1/01	1/02	1/03	1/04	1/05	1/06	1/07	
INSTALLATION SCHEDULE:	FY-97		FY-98		FY-99		FY-00		FY-01		
QUARTERS	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	
INPUT				1						2	2 2 1
OUTPUT					1						2 2 2
INSTALLATION SCHEDULE:	FY-02		FY-03		FY-04		FY-05		FY-06		
QUARTERS	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	
INPUT	4 4 3 4	5 5 5 5	5 5 5 5	5 5 5 5	4 4 4 4	5 5 5 5	5 5 5 5	5 5 5 5	5 5 5 5	5 5 5 5	
OUTPUT	1 4 4 3	4 5 5 5	5 5 5 5	5 5 5 5	5 5 4 4	4 4 4 4	4 5 5 5	5 5 5 5	5 5 5 5	5 5 5 5	
INSTALLATION SCHEDULE:	FY-07										
QUARTERS	1 2 3 4										
INPUT	4 3										
OUTPUT	5 4 3										

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)							DATE FEBRUARY 1998	
APPROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT AF/AIRCRAFT MODIFICATIONS				P-1 ITEM NOMENCLATURE: OTHER AIRCRAFT				
	1997	1998	1999	2000	2001	2002	2003	
COST (In Mil)	\$25.832	\$33.709	\$17.702	\$53.531	\$87.871	\$156.934	\$202.947	

This line item funds modifications that apply to multiple weapon systems and weapon systems funded at less than \$2 million per year. The overall goal of the modifications budgeted in FY99 is to enhance capability and improve reliability and maintainability. The Harm Targeting System will provide precision targeting information for the F-16C. The UHF SATCOM/ANDVT/DAMA upgrade mod will provide modernized SATCOM terminals as mandated by the JCS. The specific modifications budgeted and programmed are shown below.

CLASS	MOD NR	MODIFICATION TITLE	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	COST TO GO	TOTAL PROG.
P-S	99999A	LOW COST SAFETY MODIFICATIONS						0.2	0.2		0.5
		CLASS P-S TOTAL FOR OTHER						0.2	0.2		
P	10611C	CARA	1.9								143.5
	13614B	ALE-40 DEFICIENCIES		1.7							50.4
	14212B	SUPPORT EQUIPMENT UPGRADE						0.1	0.1	5.1	14.8
	3150E9	NAVSTAR GPS (E-9)	0.1		0.1						0.2
	3429	A/B SINGARS AJ COMM		0.5							49.7
	3495	TACTICAL SECURE VOICE								24.4	40.0
	99999J	MISCELLANEOUS LOW COSTS MODS (				0.1	0.1	0.1	0.1		3.1
	99999V	MISCELLANEOUS LOW COST MODS	0.8								1.0
	CMWS	COMMON MISSILE WARNING SYSTEM				27.1	49.4	72.9	100.0	200.0	449.4
	F16HTS	HARM TARGETING SYSTEM		11.9	6.1	0.1					20.2
	GANSPO	GLOBAL ACCESS, NAVIGATION, and		1.8							1.8
	SIM5	SIMULATOR UPGRADE (C-5)								19.8	26.6
	T8137	UHF SATCOM/ANDVT/DAMA UPGRADE	21.1	14.7	10.4	25.5	35.2	81.5	101.5	415.7	717.0
	T8174	HF MODERNIZATION	1.7	2.4	1.1	0.7					21.4
	TRAIN	TACTICAL AIR FORCE - TRAINING	0.1								0.1
	Z88888	REPROGRAMMINGS	0.1	0.7							1.1
	_YOSOI	VHF RADIO UPGRADE TO 8.33 KHZ					3.0	2.1	1.1		6.3
		CLASS P TOTAL FOR OTHER	25.8	33.7	17.7	53.5	87.8	156.7	202.7	665.0	
		TOTAL FOR OTHER	25.8	33.7	17.7	53.5	87.9	156.9	202.9	665.0	

Totals may not add due to rounding.

	P-1 SHOPP LIST ITEM NO. 061	PAGE NO.	
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MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB
MODIFICATION TITLE AND NO: CARA MN-10611C

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC OTHER CLASS P

MODELS OF AIRCRAFT AFFECTED: MULTI

CENTER: WR-ALC

PE 0702207F TEAM LOG

DESCRIPTION/JUSTIFICATION: Replaces existing radar altimeter on a variety of aircraft with a new standard combined altitude radar altimeter which has nominal specification Mean Time Between Failure (MTBF) of 2000 hours. It will be a direct replacement on all but the C-130 aircraft, which will require depot level wiring changes. Existing systems have low reliability and high logistics support cost. 90 Mod Install (FY94: \$0.8).
AIRCRAFT BREAKDOWN: Active -- 4144 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: Complete.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS	3903	2.7										
KITS NONRECUR EQUIPMENT	10758	124.9	200	1.7								
EQUIP NONREC CHANGE ORDERS		0.2										
DATA		3.7										
SIM/TRAINER		3.4										
SUPPORT-EQUIP (1)		6.3	(100)	0.2								
INSTALLATION OF HARDWARE												
FY-84 7806 KITS												
FY-94 5391 KITS												
FY-96 1464 KITS												
FY-97 200 KITS												
TOTAL INSTALL QTY/COST	322	0.3										
TOTAL COST (BP-1100)	14661	141.5	200	1.9								
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION -- COMBINATION												
INITIAL LEAD TIME -- 18 MONTHS						FOLLOW-ON LEAD TIME -- 18 MONTHS						

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FACT SHEET: OTHER MN-10611C CARA
 PROJECTED FINANCIAL PLAN (CONTINUED)

(CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL							
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT						
RDT&E (3600)														
PROCUREMENT (3010)														
INSTALL KITS							3903	2.7						
KITS NONRECUR							****	126.7						
EQUIPMENT														
EQUIP NONREC														
CHANGE ORDERS														
DATA														
SIM/TRAINER														
SUPPORT-EQUIP														
INSTALLATION OF HARDWARE														
FY-84 7806 KITS														
FY-94 5391 KITS														
FY-96 1464 KITS														
FY-97 200 KITS														
TOTAL INSTALL QTY/COST							322	0.3						
TOTAL COST (BP-1100)							****	143.5						
(TOTALS MAY NOT ADD DUE TO ROUNDING.)														
MILESTONES														
	FY-84	FY-85	FY-86	FY-87	FY-88	FY-89	FY-90	FY-91	FY-92	FY-93	FY-94	FY-95	FY-96	
CONTRACT-DATE (QTR/FY)	1/84													
DELIVERY-DATE (QTR/FY)	4/90													
INSTALLATION SCHEDULE:	FY-89			FY-90			FY-91		FY-92			FY-93		
QUARTERS	1 2 3 4			1 2 3 4			1 2 3 4		1 2 3 4			1 2 3 4		
INPUT							26 35 40		42 35 35 36					
OUTPUT							26 35 40		42 35 35 36					
INSTALLATION SCHEDULE:	FY-94			FY-95			FY-96							
QUARTERS	1 2 3 4			1 2 3 4			1 2 3 4							
INPUT	12 8 5			6 6 6 6			6 6 6 6							
OUTPUT	12 8 5			6 6 6 6			6 6 6 6							

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DATE 01/26/98

MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB

MODIFICATION TITLE AND NO: ALE-40 DEFICIENCIES MN-13614B

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC OTHER CLASS P

MODELS OF AIRCRAFT AFFECTED: MULTI

CENTER: WR-ALC

PE 0702207F TEAM LOG

DESCRIPTION/JUSTIFICATION: The AN/ALE-40 has experienced numerous failures attributed to various LRUs in the system. Some of the LRUs are being modified by WR-ALC, while the sequencer switch is being replaced by a digital switch procured by ASC/RW. These efforts will improve the R&M of the ALE-40 to an acceptable level. The ALE-40 is installed on A-10, F-4, F-16, C-130, C-141 and C-5.

AIRCRAFT BREAKDOWN: Active -- 1532 RES -- 0 ANG -- 1370

DEVELOPMENT STATUS: Mod kit installs started Apr 93, prod baseline FCA, PCA, FQR Apr 93. Final DWG del Jan 94. Equip qty shown is A/C shipsets.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS												
KITS NONRECUR												
EQUIPMENT	1934	1.3										
EQUIP NONREC	1	0.1										
CHANGE ORDERS												
DATA		3.3										
SIM/TRAINER												
SUPPORT-EQUIP												
MOD OF SPARES	(9104)	4.4										
DIGITAL SEQ S	(5537)	31.6			(440)	1.7						
TOTAL COST (BP-1100)	1935	48.7				1.7						

(TOTALS MAY NOT ADD DUE TO ROUNDING.)

METHOD OF IMPLEMENTATION: INSTALLATION -- ORG/INTERMEDIATE

INITIAL LEAD TIME -- 12 MONTHS

FOLLOW-ON LEAD TIME -- 12 MONTHS

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FACT SHEET: OTHER MN-13614B ALE-40 DEFICIENCIES (CONTINUED)
 PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL			
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT		
RDT&E (3600)										
PROCUREMENT (3010)										
INSTALL KITS										
KITS NONRECUR										
EQUIPMENT							1934		1.3	
EQUIP NONREC							1		0.1	
CHANGE ORDERS										
DATA									3.3	
SIM/TRAINER										
SUPPORT-EQUIP									4.4	
MOD OF SPARES										
DIGITAL SEQ S									33.3	
TOTAL COST (BP-1100)							1935		50.4	
(TOTALS MAY NOT ADD DUE TO ROUNDING.)										
MILESTONES										
	FY-89	FY-90	FY-91	FY-92	FY-93	FY-94	FY-95	FY-96	FY-97	FY-98
CONTRACT-DATE (QTR/FY)	4/89			2/92	2/93		1/96	1/96	1/97	1/99
DELIVERY-DATE (QTR/FY)	4/90			1/93	1/94		4/96	4/96	4/97	1/00

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MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB

MODIFICATION TITLE AND NO: A/B SINGGARS AJ COMM MN-3429

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC OTHER CLASS P

MODELS OF AIRCRAFT AFFECTED: MULTI

CENTER: ESC

PE 0207423F TEAM C4I

DESCRIPTION/JUSTIFICATION: Modification incorporates airborne SINGGARS upgrades. The airborne SINGGARS will be placed on a repackaged existing VHF AJ Radio, which will be a form fit replacement for the current non AJARC-186. Note: SINGGARS - Single Channel Ground Air Radio System. FY98 funds for 19 MH-53J and 4 TH-53A SOF H-53 Pave Low helicopters.
AIRCRAFT BREAKDOWN: Active -- 992 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: FSD contract awarded May 87; DT&E/IOT&E Jan-Apr 89. Flight test Jan 89. Quality testing Nov 88-89.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)		16.5		0.5								
PROCUREMENT (3010)												
INSTALL KITS												
KITS NONRECUR												
EQUIPMENT	991	25.8										
EQUIP NONREC	1	15.1										
CHANGE ORDERS												
DATA		3.6										
SIM/TRAINER		1.9										
SUPPORT-EQUIP		2.7										
TOTAL COST (BP-1100)	992	49.2				0.5						
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION -- ORG/INTERMEDIATE												
INITIAL LEAD TIME -- 18 MONTHS					FOLLOW-ON LEAD TIME -- 18 MONTHS							

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FACT SHEET: OTHER MN-3429 A/B SINGARS AJ COMM (CONTINUED)
 PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)								
PROCUREMENT (3010)								
INSTALL KITS								
KITS NONRECUR								
EQUIPMENT							991	25.8
EQUIP NONREC							1	15.1
CHANGE ORDERS								
DATA								3.6
SIM/TRAINER								1.9
SUPPORT-EQUIP								2.7
TOTAL COST (BP-1100)							992	49.7
(TOTALS MAY NOT ADD DUE TO ROUNDING.)								
MILESTONES								
	FY-89	FY-90	FY-91	FY-92	FY-93	FY-94	FY-95	FY-96
CONTRACT-DATE (QTR/FY)	1/90		1/92	4/92	1/93	3/95	3/96	3/96
DELIVERY-DATE (QTR/FY)	3/91		3/92	1/94	3/94	1/97	2/98	1/98

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MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC OTHER CLASS P

MODIFICATION TITLE AND NO: COMMON MISSILE WARNING SYSTEM MN-CMWS

MODELS OF AIRCRAFT AFFECTED: F16/A-10

CENTER: ASC

PE 0207442F TEAM INFO

DESCRIPTION/JUSTIFICATION: The CMWS is required to reduce combat aircraft attrition within areas that contain threats of increasing complexity and numbers. This system will meet operational requirements for missile warning to counter the post-2000 year missile threat with emphasis on IR surface-to-air threats.

DEVELOPMENT STATUS: Milestone III scheduled for Mar 00.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)						24.2		34.7		34.4		20.4
PROCUREMENT (3010)												
INSTALL KITS									38	8.6	83	15.6
KITS NONRECUR EQUIPMENT									(38)	11.5	(83)	21.5
EQUIP NONREC										0.4		0.9
CHANGE ORDERS										0.5		0.6
DATA												
SIM/TRAINER												
SUPPORT-EQUIP												
MISC										6.1		7.1
INSTALLATION OF HARDWARE												
FY-00 38 KITS											(38)	3.6
FY-01 83 KITS												
FY-02 139 KITS												
FY-03 187 KITS												
FY-04 175 KITS												
FY-05 115 KITS												
FY-06 94 KITS												
FY-07 21 KITS												
TOTAL INSTALL QTY/COST											38	3.6
TOTAL COST (BP-1100)									38	27.1	83	49.4

(TOTALS MAY NOT ADD DUE TO ROUNDING.)

METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT

INITIAL LEAD TIME -- 13 MONTHS

FOLLOW-ON LEAD TIME -- 13 MONTHS

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FACT SHEET: OTHER MN-CMWS COMMON MISSILE WARNING SYSTEM (CONTINUED)
 PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)		15.6		11.6		6.1		
PROCUREMENT (3010)								
INSTALL KITS	139	18.1	187	19.2	405	37.5	852	99.0
KITS NONRECUR								0.0
EQUIPMENT (139)	(139)	33.2	(187)	42.1	(405)	88.8		197.1
EQUIP NONREC								
CHANGE ORDERS		1.7		2.0		4.0		9.0
DATA		0.7		0.2		0.4		2.5
SIM/TRAINER								
SUPPORT-EQUIP								
MISC		13.2		29.5		45.8		101.8
INSTALLATION OF HARDWARE								
FY-00 38 KITS							(38)	3.6
FY-01 83 KITS (83)		6.0					(83)	6.0
FY-02 139 KITS			(139)	7.0			(139)	7.0
FY-03 187 KITS					(187)	8.4	(187)	8.4
FY-04 175 KITS					(175)	7.2	(175)	7.2
FY-05 115 KITS					(115)	3.1	(115)	3.1
FY-06 94 KITS					(94)	2.7	(94)	2.7
FY-07 21 KITS					(21)	2.0	(21)	2.0
TOTAL INSTALL QTY/COST	83	6.0	139	7.0	592	23.4	852	40.1
TOTAL COST (BP-1100)	139	72.9	187	100.0	405	200.0	852	449.4

(TOTALS MAY NOT ADD DUE TO ROUNDING.)

MILESTONES

	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	FY-04	FY-05	FY-06	FY-07	FY-08	FY-09
CONTRACT-DATE (QTR/FY)				1/00	1/01	1/02	1/03	1/04	1/05	1/06	1/07		
DELIVERY-DATE (QTR/FY)				1/01	1/02	1/03	1/04	1/05	1/06	1/07	1/08		
INSTALLATION SCHEDULE:	FY-97		FY-98		FY-99		FY-00		FY-01				
QUARTERS	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4
INPUT										9	9	10	10
OUTPUT										9	9	10	10
INSTALLATION SCHEDULE:	FY-02		FY-03		FY-04		FY-05		FY-06				
QUARTERS	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4
INPUT	21 21 21 20	35 35 35 34	46 46 47 48	43 43 44 45	28 28 29 30								
OUTPUT	10 21 21 21	20 35 35 35	34 46 46 47	48 43 43 44	45 28 28 29	30							
INSTALLATION SCHEDULE:	FY-07		FY-08		FY-09								
QUARTERS	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4								
INPUT	24 24 23 23	6 5 5 5	5 5										
OUTPUT	30 24 24 23	23 6 5 5	5										

*** UNCLASSIFIED ***

DATE 01/26/98

MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE

MODIFICATION TITLE AND NO: HARM TARGETING SYSTEM MN-F16HTS

CLC OTHER CLASS P

MODELS OF AIRCRAFT AFFECTED: MULTI (F-16)

CENTER: ASC

PE 0207136F TEAM AIR

DESCRIPTION/JUSTIFICATION: The ASQ-213 Pod, a High Speed Anti-Radiation Missile (HARM) Targeting System, senses enemy radar emissions and provides precision targeting information for the F-16 Block 50 F-16C/D. The F-16 HTS provides the only USAF HARM suppression capability since the retirement of the F-4G Wild Weasel in FY96. The AF completed procurement of 112 HTS pods in FY94. FY96 funding supports HTS activities initiated in BP19 in 1991. FY98/99 modifies the HTS fleet to the R6 configuration.

AIRCRAFT BREAKDOWN: Active -- 110 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: HTS is operational on the F-16. A P3I development contract was awarded in FY96/2 to improve pod performance and design life extension modifications. Production contract is planned for FY98. 110 existing pods will be retrofit to the upgraded configuration in FY98 and 22 pods procured during FY95/96 Omnibus reprogramming will retrofit in FY99.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)		4.8		13.1		12.3		2.4				
PROCUREMENT (3010)												
INSTALL KITS												
KITS NONRECUR												
EQUIPMENT		1.2			110	11.5	22	6.1				
EQUIP NONREC												
CHANGE ORDERS												
DATA												
SIM/TRAINER												
SUPPORT-EQUIP												
ICS		0.2										
AIRCRAFT												
OGC		0.6				0.4				0.1		
INSTALLATION OF HARDWARE												
FY-98 110 KITS							(107)		(20)			
FY-99 22 KITS									(22)			
TOTAL INSTALL QTY/COST							107		42			
TOTAL COST (BP-1100)		2.1			110	11.9	22	6.1		0.1		
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION -- CONTRACTOR FACILITY												
INITIAL LEAD TIME -- 14 MONTHS						FOLLOW-ON LEAD TIME -- 14 MONTHS						

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FACT SHEET: OTHER MN-F16HTS HARM TARGETING SYSTEM (CONTINUED)
 PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)								
PROCUREMENT (3010)								
INSTALL KITS								
KITS NONRECUR								
EQUIPMENT							132	18.8
EQUIP NONREC								
CHANGE ORDERS								
DATA								
SIM/TRAINER								
SUPPORT-EQUIP								
ICS								0.2
AIRCRAFT								
OGC								1.2
INSTALLATION OF HARDWARE								
FY-98 110 KITS							(127)	
FY-99 22 KITS							(22)	
TOTAL INSTALL QTY/COST							149	
TOTAL COST (BP-1100)							132	20.2
(TOTALS MAY NOT ADD DUE TO ROUNDING.)								
MILESTONES								
	FY-96	FY-97	FY-98	FY-99	FY-00			
CONTRACT-DATE (QTR/FY)			2/98	1/99				
DELIVERY-DATE (QTR/FY)			3/99	2/00				
INSTALLATION SCHEDULE:	FY-96		FY-97		FY-98		FY-99	
QUARTERS	1 2 3 4		1 2 3 4		1 2 3 4		1 2 3 4	
INPUT							15 54 52 28	
OUTPUT							33 53 44 19	

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DATE 01/26/98

MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB

MODIFICATION TITLE AND NO: UHF SATCOM/ANDVT/DAMA UPGRADE MN-T8137

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC OTHER CLASS P

MODELS OF AIRCRAFT AFFECTED: MULTI

CENTER: ESC

PE 0303601F TEAM SPACE

DESCRIPTION/JUSTIFICATION: Provides AFSOC, AMC and ACC with UHF upgrades. FY96-98 provides acquisition and installation of modernized UHF SATCOM terminals containing Demand Assigned Multiple Access (DAMA)/Advanced Narrowband Digital Voice Terminal (ANDVT), as mandated by the JCS for MILSATCOM access after 1 Oct 96 for entire AFSOC airborne fleet. AFSOC platforms include: AC-130H, AC-130U, MC-130H, MC-130E, EC-130E, MH-53J, MH-60G, MC-130P and contingencies. FY97 includes processor upgrades for installed terminals. FY99-03 provides acquisition and installation of state-of-the-art Airborne Integrated Terminal with embedded DAMA and ANDVT for AMC, ACC and AIA. Platforms include aircraft, tankers, C4I aircraft, RC-135s and bombers. Kits NRE appears in each fiscal year (FY96-03) due to start up of different platform types in each year. Data is required for each different platform type. FY96-99 is contractor installation for the following AFSOC platforms: AC-130H, MH-53J, MC-130P & MC-130E. Installation for remaining platforms in FY96-99 are self-funded.
AIRCRAFT BREAKDOWN: Active -- 738 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: N/A.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS		0.3		3.3		0.5		0.3		2.5		6.5
KITS NONRECUR		1.3		4.8		3.9		4.0		17.5		11.5
EQUIPMENT	77	6.6	93	9.7	18	2.1	17	2.1	34	3.9	122	12.2
EQUIP NONREC		0.3				2.6						
CHANGE ORDERS				0.8								
DATA		2.9		1.4		0.6		0.8				0.1
SIM/TRAINER												1.1
SUPPORT-EQUIP				0.3								
OGC				0.9		0.9		0.9		0.9		1.0
INSTALLATION OF HARDWARE												
FY-96 77 KITS												
FY-97 93 KITS					(76)	4.0						
FY-98 18 KITS							(26)	2.3				
FY-99 17 KITS									(17)	0.7		
FY-00 34 KITS											(34)	2.9
FY-01 122 KITS												
FY-02 161 KITS												
FY-03 83 KITS												
FY-04 126 KITS												
FY-05 99 KITS												
FY-06 32 KITS												
FY-07 16 KITS												
FY-08 9 KITS												
TOTAL INSTALL QTY/COST					76	4.0	26	2.3	17	0.7	34	2.9
TOTAL COST (BP-1100)	77	11.3	93	21.1	18	14.7	17	10.4	34	25.5	122	35.2

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FACT SHEET: OTHER MN-T8137 UHF SATCOM/ANDVT/DAMA UPGRADE
PROJECTED FINANCIAL PLAN (CONTINUED)

(CONTINUED)

(TOTALS MAY NOT ADD DUE TO ROUNDING.)

METHOD OF IMPLEMENTATION: INSTALLATION -- COMBINATION
INITIAL LEAD TIME -- 12 MONTHS

FOLLOW-ON LEAD TIME -- 12 MONTHS

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FACT SHEET: OTHER MN-T8137 UHF SATCOM/ANDVT/DAMA UPGRADE (CONTINUED)
 PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL								
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT							
RDT&E (3600)															
PROCUREMENT (3010)															
INSTALL KITS		18.2		12.1		72.3		115.9							
KITS NONRECUR		3.2		11.7		2.8		60.7							
EQUIPMENT	161	35.2	83	22.7	282	112.9	887	207.3							
EQUIP NONREC				12.0				15.0							
CHANGE ORDERS								0.8							
DATA		1.2		0.1		0.2		7.2							
SIM/TRAINER		0.5				0.9		2.6							
SUPPORT-EQUIP								0.3							
OGC		14.0		13.2		74.2		105.9							
INSTALLATION OF HARDWARE															
FY-96 77 KITS							(76)	4.0							
FY-97 93 KITS							(26)	2.3							
FY-98 18 KITS							(17)	0.7							
FY-99 17 KITS							(34)	2.9							
FY-00 34 KITS							(126)	9.2							
FY-01 122 KITS (126)		9.2					(163)	29.7							
FY-02 161 KITS			(163)	29.7				35.2							
FY-03 83 KITS					(83)	35.2	(83)	44.8							
FY-04 126 KITS					(130)	44.8	(130)	39.2							
FY-05 99 KITS					(99)	39.2	(99)	22.5							
FY-06 32 KITS					(32)	22.5	(32)	10.8							
FY-07 16 KITS					(16)	10.8	(16)								
FY-08 9 KITS															
TOTAL INSTALL QTY/COST	126	9.2	163	29.7	360	152.5	802	201.3							
TOTAL COST (BP-1100)	161	81.5	83	101.5	282	415.7	887	717.0							
(TOTALS MAY NOT ADD DUE TO ROUNDING.)															
MILESTONES															
	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	FY-04	FY-05	FY-06	FY-07	FY-08
CONTRACT-DATE (QTR/FY)			4/96	1/97	1/98	3/99	1/00	1/01	1/02	1/03	1/04	1/05	1/06	1/07	1/08
DELIVERY-DATE (QTR/FY)			4/97	1/98	1/99	3/00	1/01	1/02	1/03	1/04	1/05	1/06	1/07	1/08	1/09

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FACT SHEET: OTHER MN-T8137 UHF SATCOM/ANDVT/DAMA UPGRADE (CONTINUED)
 PROJECTED FINANCIAL PLAN (CONTINUED)

INSTALLATION SCHEDULE:	FY-94				FY-95				FY-96				FY-97				FY-98			
QUARTERS	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
INPUT																	31	30	30	30
OUTPUT																		31	30	30

INSTALLATION SCHEDULE:	FY-99				FY-00				FY-01				FY-02				FY-03			
QUARTERS	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
INPUT	5	5	5	3	4	4	4	4	9	9	9	7	31	31	31	29	40	41	41	39
OUTPUT	30	5	5	5	3	4	4	4	4	9	9	9	7	31	31	31	29	40	41	41

INSTALLATION SCHEDULE:	FY-04				FY-05				FY-06				FY-07				FY-08			
QUARTERS	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
INPUT	21	21	21	20	31	32	32	31	24	25	25	25	8	8	8	8	4	4	4	4
OUTPUT	39	21	21	21	20	31	32	32	31	24	25	25	25	8	8	8	8	4	4	4

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DATE 01/26/98

MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB

MODIFICATION TITLE AND NO: HF MODERNIZATION MN-T8174

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC OTHER CLASS P

MODELS OF AIRCRAFT AFFECTED: C5,C141,KC10,KC135

CENTER: WR-ALC

PE 0702207F TEAM LOG

DESCRIPTION/JUSTIFICATION: Provides simple air to ground coded signaling used internationally by commercial aviation and civil air traffic control stations to selectively alert aircrew that a call is being directed to their aircraft. Reduces aircrew requirement to continuously monitor RF radios, greatly reducing aircrew fatigue. Requires a modified ARC-190 and exclusive call LRU.

AIRCRAFT BREAKDOWN: Active -- 4000 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: Kits FOE the modification of ARC-190 have been engineered, designed and developed. The exclusive call LRU is developed. Initial contracts are being established for procurement.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS				0.8								
KITS NONRECUR												
EQUIPMENT	2008	14.5	38	0.2	444	2.0	224	1.0	200	0.6		
EQUIP NONREC		0.3										
CHANGE ORDERS												
DATA		0.6										
SIM/TRAINER				0.3								
SUPPORT-EQUIP				0.1		0.2						
OGC				0.3		0.2		0.1		0.1		
TOTAL COST (BP-1100)	2008	15.4	38	1.7	444	2.4	224	1.1	200	0.7		

(TOTALS MAY NOT ADD DUE TO ROUNDING.)

METHOD OF IMPLEMENTATION: INSTALLATION -- ORG/INTERMEDIATE

INITIAL LEAD TIME -- 12 MONTHS

FOLLOW-ON LEAD TIME -- 12 MONTHS

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FACT SHEET: OTHER MN-T8174 HF MODERNIZATION (CONTINUED)
 PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)								
PROCUREMENT (3010)								
INSTALL KITS								0.8
KITS NONRECUR							2914	18.3
EQUIPMENT								0.3
EQUIP NONREC								0.6
CHANGE ORDERS								0.3
DATA								0.3
SIM/TRAINER								0.3
SUPPORT-EQUIP								0.8
OGC								0.8
TOTAL COST (BP-1100)							2914	21.4
(TOTALS MAY NOT ADD DUE TO ROUNDING.)								
MILESTONES								
	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	
CONTRACT-DATE (QTR/FY)	1/95	1/96	1/97	1/98	1/99	1/00	1/01	
DELIVERY-DATE (QTR/FY)	1/96	1/97	1/98	1/99	1/00	1/01	1/02	

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)								DATE FEBRUARY 1998	
APPROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT AF/AIRCRAFT MODIFICATIONS				P-1 ITEM NOMENCLATURE: CLASSIFIED PROJECTS					
	1997	1998	1999	2000	2001	2002	2003		
COST (In Mil)	\$2.988	\$7.383	\$7.517	\$7.614	\$7.766	\$8.217	\$8.414		

This line item funds classified modifications to classified projects. The overall goal of the modifications budgeted in FY99 is classified. The specific modifications budgeted and programmed are below.

CLASS	MOD NR	MODIFICATION TITLE	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	COST TO GO	TOTAL PROG.
P	1001	COMPASS CALL	3.0	7.2	7.5	7.6	7.8	8.2	8.4		173.8
	288888	REPROGRAMMINGS		0.2							0.7
		CLASS P TOTAL FOR CLASSI	3.0	7.4	7.5	7.6	7.8	8.2	8.4		
		TOTAL FOR CLASSI	3.0	7.4	7.5	7.6	7.8	8.2	8.4		

Totals may not add due to rounding.

*** UNCLASSIFIED ***

DATE 01/26/98

MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB
MODIFICATION TITLE AND NO: COMPASS CALL MN-1001

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC CLASSI CLASS P

MODELS OF AIRCRAFT AFFECTED: MULTIPLE

CENTER: ASC

PE 0207253F TEAM INFO

DESCRIPTION/JUSTIFICATION: These funds are required to provide for the modification of aircraft and airborne systems used in classified missions, which because of their sensitive nature require the application of special management and security safeguards. Special justifications are provided through classified intelligence channels.

DEVELOPMENT STATUS: N/A.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS												
KITS NONRECUR												
EQUIPMENT												
EQUIP NONREC												
CHANGE ORDERS												
DATA												
SIM/TRAINER												
SUPPORT-EQUIP												
CLASSIFIED		123.4		3.0		7.2		7.5		7.6		7.8
TIBS		0.6										
TOTAL COST (BP-1100)		124.0		3.0		7.2		7.5		7.6		7.8
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION -- ORG/INTERMEDIATE												
INITIAL LEAD TIME -- MONTHS												
FOLLOW-ON LEAD TIME -- MONTHS												

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FACT SHEET: CLASSI MN-1001 COMPASS CALL
PROJECTED FINANCIAL PLAN (CONTINUED)

(CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)								
PROCUREMENT (3010)								
INSTALL KITS								
KITS NONRECUR								
EQUIPMENT								
EQUIP NONREC								
CHANGE ORDERS								
DATA								
SIM/TRAINER								
SUPPORT-EQUIP								
CLASSIFIED		8.2		8.4				173.2
TIBS								0.6
TOTAL COST (BP-1100)		8.2		8.4				173.8

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UNCLASSIFIED

BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)							DATE FEBRUARY 1998	
APPROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT AF/AIRCRAFT MODIFICATIONS				P-1 ITEM NOMENCLATURE: DARP				
	1997	1998	1999	2000	2001	2002	2003	
COST (In Mil)	\$277.564	\$137.976	\$139.242	\$83.479	\$82.022	\$199.259	\$262.545	

This line item funds classified modifications to the Defense Airborne Reconnaissance Program aircraft. The overall goal of the modifications budgeted in FY99 is classified. The specific modifications budgeted and programmed are below.

CLASS	MOD NR	MODIFICATION TITLE	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	COST TO GO	TOTAL PROG.
P	3009R	REENGINE	99.0		57.3			121.6	186.0		510.4
	4263	RIVET JOINT	65.3	129.5	64.5	65.7	65.0	59.6	57.8		507.3
	4265	COMBAT SENT	1.0	5.7	7.8	8.2	7.5	8.6	9.2		48.0
	4480	FLEET EXPANSION	41.7								41.7
	4485	RC-135 SENSOR MODIFICATIONS	10.0								10.0
	4486	U-2 REPAIRS	3.9								3.9
	4487	SR-71	9.0								9.0
	4488	U-2 SYERS	10.0								10.0
	4489	U-2 SENSOR CONVERSION	37.7								37.7
	4493	U-2 POWER			9.6	9.5	9.5	9.5	9.5	1.5	49.2
	288888	REPROGRAMMINGS		2.8							-33.8
		CLASS P TOTAL FOR DARP	277.6	138.0	139.2	83.5	82.0	199.3	262.5	1.5	
		TOTAL FOR DARP	277.6	138.0	139.2	83.5	82.0	199.3	262.5	1.5	

Totals may not add due to rounding.

*** UNCLASSIFIED ***

DATE 01/26/98

MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB
MODIFICATION TITLE AND NO: REENGINE MN-3009R

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC DARP CLASS P

MODELS OF AIRCRAFT AFFECTED: RC-135

CENTER: ASC

PE 0305207F TEAM INFO

DESCRIPTION/JUSTIFICATION: Modifies RC-135 aircraft with more powerful, fuel efficient F108 (CFM-56) engines, allowing takeoff on shorter runways with higher gross weights. The cleaner, quieter F108 engines meet or exceed all noise and pollution standards. Over 25 other systems/sub-systems, including the landing gear, will extend the life of these aircraft into the 21ST Century.

AIRCRAFT BREAKDOWN: Active -- 2 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: Engineering activities underway.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)		31.2										
PROCUREMENT (3010)												
INSTALL KITS	2	17.9	4	41.4			2	22.9				
KITS NONRECUR EQUIPMENT	(2)	28.6	(4)	57.6			(2)	34.4				
EQUIP NONREC CHANGE ORDERS DATA SIM/TRAINER SUPPORT-EQUIP												
INSTALLATION OF HARDWARE												
FY-96 2 KITS												
FY-97 4 KITS												
FY-99 2 KITS												
FY-02 4 KITS												
FY-03 6 KITS												
TOTAL INSTALL QTY/COST												
TOTAL COST (BP-1100)	2	46.5	4	99.0			2	57.3				

(TOTALS MAY NOT ADD DUE TO ROUNDING.)

METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT

INITIAL LEAD TIME -- 24 MONTHS

FOLLOW-ON LEAD TIME -- 24 MONTHS

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FACT SHEET: DARP MN-3009R REENGINE
 PROJECTED FINANCIAL PLAN (CONTINUED)

(CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)								
PROCUREMENT (3010)								
INSTALL KITS	4	48.6	6	74.4			18	205.3
KITS NONRECUR EQUIPMENT	(4)	73.0	(6)	111.6				305.1
EQUIP NONREC CHANGE ORDERS DATA SIM/TRAINER SUPPORT-EQUIP								
INSTALLATION OF HARDWARE								
FY-96 2 KITS								
FY-97 4 KITS								
FY-99 2 KITS								
FY-02 4 KITS								
FY-03 6 KITS								
TOTAL INSTALL QTY/COST	-----	-----	-----	-----	-----	-----	-----	-----
TOTAL COST (BP-1100)	4	121.6	6	186.0			18	510.4
(TOTALS MAY NOT ADD DUE TO ROUNDING.)								
MILESTONES								
	FY-96	FY-97						
	-----	-----						
CONTRACT-DATE (QTR/FY)	4/96	1/97						
DELIVERY-DATE (QTR/FY)	4/98	1/99						

*** UNCLASSIFIED ***

DATE 01/26/98

MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB

MODIFICATION TITLE AND NO: RIVET JOINT MN-4263

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC DARP CLASS P

MODELS OF AIRCRAFT AFFECTED: RC-135

CENTER: ASC

PE 0305207F TEAM INFO

DESCRIPTION/JUSTIFICATION: Procures and installs various classified modifications on RC-135 aircraft. This mod has multiple contract and delivery dates.

DEVELOPMENT STATUS: Classified in nature. Development status can be provided upon request.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS				65.3		129.5		64.5		65.7		65.0
KITS NONRECUR												
EQUIPMENT												
EQUIP NONREC												
CHANGE ORDERS												
DATA												
SIM/TRAINER												
SUPPORT-EQUIP												
TOTAL COST (BP-1100)				65.3		129.5		64.5		65.7		65.0
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION -- ORG/INTERMEDIATE												
INITIAL LEAD TIME -- 12 MONTHS												
FOLLOW-ON LEAD TIME -- 12 MONTHS												

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*** UNCLASSIFIED ***

*** UNCLASSIFIED ***

FACT SHEET: DARP MN-4263 RIVET JOINT
PROJECTED FINANCIAL PLAN (CONTINUED)

(CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)								
PROCUREMENT (3010)								
INSTALL KITS		59.6		57.8				507.3
KITS NONRECUR								
EQUIPMENT								
EQUIP NONREC								
CHANGE ORDERS								
DATA								
SIM/TRAINER								
SUPPORT-EQUIP								
TOTAL COST (BP-1100)		59.6		57.8				507.3

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DATE 01/26/98

MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB

MODIFICATION TITLE AND NO: COMBAT SENT MN-4265

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC DARP CLASS P

MODELS OF AIRCRAFT AFFECTED: RC-135U

CENTER: ASC

PE 0305207F TEAM INFO

DESCRIPTION/JUSTIFICATION: Classified modification.

AIRCRAFT BREAKDOWN: Active -- 2 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: Classified in nature. Development status can be provided on request.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS				1.0		5.7		7.8		8.2		7.5
KITS NONRECUR												
EQUIPMENT												
EQUIP NONREC												
CHANGE ORDERS												
DATA												
SIM/TRAINER												
SUPPORT-EQUIP												
TOTAL COST (BP-1100)				1.0		5.7		7.8		8.2		7.5
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION -- ORG/INTERMEDIATE												
INITIAL LEAD TIME -- 12 MONTHS												
FOLLOW-ON LEAD TIME -- 12 MONTHS												

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FACT SHEET: DARP MN-4265 COMBAT SENT (CONTINUED)
 PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)								
PROCUREMENT (3010)								
INSTALL KITS		8.6		9.2				48.0
KITS NONRECUR								
EQUIPMENT								
EQUIP NONREC								
CHANGE ORDERS								
DATA								
SIM/TRAINER								
SUPPORT-EQUIP								
TOTAL COST (BP-1100)		8.6		9.2				48.0
(TOTALS MAY NOT ADD DUE TO ROUNDING.)								
MILESTONES								
	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	
CONTRACT-DATE (QTR/FY)	2/97	1/98	1/99	1/00	1/01	1/02	1/03	
DELIVERY-DATE (QTR/FY)	4/98	4/99	2/00	3/02	3/02	4/03	3/04	

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DATE 01/26/98

MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB
MODIFICATION TITLE AND NO: FLEET EXPANSION MN-4480

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC DARP CLASS P

MODELS OF AIRCRAFT AFFECTED: RC-135V/W

CENTER: ASC

PE 0305207F TEAM INFO

DESCRIPTION/JUSTIFICATION: This mod converts two C-135B aircraft to RC-135V/W Rivet Joint configuration. Specifica modifications are classified.

DEVELOPMENT STATUS:

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS			1	41.7								
KITS NONRECUR												
EQUIPMENT												
EQUIP NONREC												
CHANGE ORDERS												
DATA												
SIM/TRAINER												
SUPPORT-EQUIP												
INSTALLATION OF HARDWARE												
FY-97 1 KITS												
TOTAL INSTALL QTY/COST												
TOTAL COST (BP-1100)			1	41.7								
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION --												
INITIAL LEAD TIME -- MONTHS						FOLLOW-ON LEAD TIME -- MONTHS						

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*** UNCLASSIFIED ***

FACT SHEET: DARP MN-4480 FLEET EXPANSION
PROJECTED FINANCIAL PLAN (CONTINUED)

(CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
	-----	-----	-----	-----	-----	-----	-----	-----
RDT&E (3600)								
PROCUREMENT (3010)								
INSTALL KITS							1	41.7
KITS NONRECUR								
EQUIPMENT								
EQUIP NONREC								
CHANGE ORDERS								
DATA								
SIM/TRAINER								
SUPPORT-EQUIP								
INSTALLATION OF HARDWARE								
FY-97 1 KITS								
TOTAL INSTALL QTY/COST	-----	-----	-----	-----	-----	-----	-----	-----
TOTAL COST (BP-1100)							1	41.7

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DATE 01/26/98

MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB

MODIFICATION TITLE AND NO: RC-135 SENSOR MODIFICATIONS MN-4485

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC DARP CLASS P

MODELS OF AIRCRAFT AFFECTED: RC-135V/W

CENTER: ASC

PE 0305207F TEAM INFO

DESCRIPTION/JUSTIFICATION: Specific modifications are classified. The funding will be used to engineer and install sensor modifications.
These modifications are necessary for the aircraft to maintain its mission effectiveness against changing mission requirements.

DEVELOPMENT STATUS:

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS			1	10.0								
KITS NONRECUR												
EQUIPMENT												
EQUIP NONREC												
CHANGE ORDERS												
DATA												
SIM/TRAINER												
SUPPORT-EQUIP												
INSTALLATION OF HARDWARE												
FY-97 1 KITS												
TOTAL INSTALL QTY/COST												
TOTAL COST (BP-1100)			1	10.0								
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION --												
INITIAL LEAD TIME -- MONTHS					FOLLOW-ON LEAD TIME -- MONTHS							

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FACT SHEET: DARP MN-4485 RC-135 SENSOR MODIFICATIONS (CONTINUED)
 PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)								
PROCUREMENT (3010)								
INSTALL KITS							1	10.0
KITS NONRECUR								
EQUIPMENT								
EQUIP NONREC								
CHANGE ORDERS								
DATA								
SIM/TRAINER								
SUPPORT-EQUIP								
INSTALLATION OF HARDWARE								
FY-97 1 KITS								
TOTAL INSTALL QTY/COST								
TOTAL COST (BP-1100)							1	10.0

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DATE 01/26/98

MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB
MODIFICATION TITLE AND NO: U-2 REPAIRS MN-4486

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC DARP CLASS P

MODELS OF AIRCRAFT AFFECTED: U-2

CENTER: ASC

PE 0305207F TEAM INFO

DESCRIPTION/JUSTIFICATION: Specific modifications are classified. The funding will be used to engineer and install sensor modifications.
These modifications are necessary for the aircraft to maintain its mission effectiveness against changing mission requirements.

DEVELOPMENT STATUS:

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS			1	3.9								
KITS NONRECUR												
EQUIPMENT												
EQUIP NONREC												
CHANGE ORDERS												
DATA												
SIM/TRAINER												
SUPPORT-EQUIP												
INSTALLATION OF HARDWARE												
FY-97 1 KITS												
TOTAL INSTALL QTY/COST												
TOTAL COST (BP-1100)			1	3.9								
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION --												
INITIAL LEAD TIME -- MONTHS					FOLLOW-ON LEAD TIME -- MONTHS							

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FACT SHEET: DARP MN-4486 U-2 REPAIRS
PROJECTED FINANCIAL PLAN (CONTINUED)

(CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
	-----	-----	-----	-----	-----	-----	-----	-----
RDT&E (3600)								
PROCUREMENT (3010)								
INSTALL KITS							1	3.9
KITS NONRECUR								
EQUIPMENT								
EQUIP NONREC								
CHANGE ORDERS								
DATA								
SIM/TRAINER								
SUPPORT-EQUIP								
INSTALLATION OF HARDWARE								
FY-97 1 KITS								
TOTAL INSTALL QTY/COST	-----	-----	-----	-----	-----	-----	-----	-----
TOTAL COST (BP-1100)							1	3.9

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MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB
MODIFICATION TITLE AND NO: SR-71 MN-4487

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC DARP CLASS P

MODELS OF AIRCRAFT AFFECTED: U-2

CENTER: ASC

PE 0305207F TEAM INFO

DESCRIPTION/JUSTIFICATION: Specific modifications are classified. The funding will be used to engineer and install sensor modifications.
These modifications are necessary for the aircraft to maintain its mission effectiveness against changing mission requirements.

DEVELOPMENT STATUS:

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS			1	9.0								
KITS NONRECUR												
EQUIPMENT												
EQUIP NONREC												
CHANGE ORDERS												
DATA												
SIM/TRAINER												
SUPPORT-EQUIP												
INSTALLATION OF HARDWARE												
FY-97 1 KITS												
TOTAL INSTALL QTY/COST												
TOTAL COST (BP-1100)			1	9.0								
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION --												
INITIAL LEAD TIME -- MONTHS					FOLLOW-ON LEAD TIME -- MONTHS							

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FACT SHEET: DARP MN-4487 SR-71
PROJECTED FINANCIAL PLAN (CONTINUED)

(CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
	-----	-----	-----	-----	-----	-----	-----	-----
RDT&E (3600)								
PROCUREMENT (3010)								
INSTALL KITS							1	9.0
KITS NONRECUR								
EQUIPMENT								
EQUIP NONREC								
CHANGE ORDERS								
DATA								
SIM/TRAINER								
SUPPORT-EQUIP								
INSTALLATION OF HARDWARE								
FY-97 1 KITS								
TOTAL INSTALL QTY/COST	-----	-----	-----	-----	-----	-----	-----	-----
TOTAL COST (BP-1100)							1	9.0

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MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB
MODIFICATION TITLE AND NO: U-2 SYERS MN-4488

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC DARP CLASS P

MODELS OF AIRCRAFT AFFECTED: U-2

CENTER: ASC

PE 0305207F TEAM INFO

DESCRIPTION/JUSTIFICATION: Modifies Senior Year Electro-Optical System (SYERS) to gain geolocational accuracy to support PGM targeting.
Modifies fleet to a common Multi-Spectral Imagery (MSI) configuration.

DEVELOPMENT STATUS:

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS			6	10.0								
KITS NONRECUR												
EQUIPMENT												
EQUIP NONREC												
CHANGE ORDERS												
DATA												
SIM/TRAINER												
SUPPORT-EQUIP												
INSTALLATION OF HARDWARE												
FY-97 6 KITS							(6)					
TOTAL INSTALL QTY/COST							6					
TOTAL COST (BP-1100)			6	10.0								

(TOTALS MAY NOT ADD DUE TO ROUNDING.)

METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT

INITIAL LEAD TIME -- 12 MONTHS

FOLLOW-ON LEAD TIME -- 12 MONTHS

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*** UNCLASSIFIED ***

FACT SHEET: DARP MN-4488 U-2 SYERS
 PROJECTED FINANCIAL PLAN (CONTINUED)

(CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)								
PROCUREMENT (3010)								
INSTALL KITS							6	10.0
KITS NONRECUR								
EQUIPMENT								
EQUIP NONREC								
CHANGE ORDERS								
DATA								
SIM/TRAINER								
SUPPORT-EQUIP								
INSTALLATION OF HARDWARE								
FY-97 6 KITS							(6)	
TOTAL INSTALL QTY/COST							6	
TOTAL COST (BP-1100)							6	10.0
(TOTALS MAY NOT ADD DUE TO ROUNDING.)								
MILESTONES								
	FY-97	FY-98	FY-99					
	-----	-----	-----					
CONTRACT-DATE (QTR/FY)	2/97							
DELIVERY-DATE (QTR/FY)	2/99							
INSTALLATION SCHEDULE:	FY-97		FY-98		FY-99			
QUARTERS	1 2 3 4		1 2 3 4		1 2 3 4			
INPUT					2 2 2			
OUTPUT					2 2 2			

*** UNCLASSIFIED ***

DATE 01/26/98

MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB

MODIFICATION TITLE AND NO: U-2 SENSOR CONVERSION MN-4489

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC DARP CLASS P

MODELS OF AIRCRAFT AFFECTED: U-2

CENTER: ASC

PE 0305207F TEAM INFO

DESCRIPTION/JUSTIFICATION: Converts older U-2 Sensors to a common baseline configuration.

DEVELOPMENT STATUS: None.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS			3	37.7								
KITS NONRECUR												
EQUIPMENT												
EQUIP NONREC												
CHANGE ORDERS												
DATA												
SIM/TRAINER												
SUPPORT-EQUIP												
INSTALLATION OF HARDWARE												
FY-97 3 KITS					(3)							
TOTAL INSTALL QTY/COST					3							
TOTAL COST (BP-1100)			3	37.7								
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT												
INITIAL LEAD TIME -- 12 MONTHS						FOLLOW-ON LEAD TIME -- 12 MONTHS						

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FACT SHEET: DARP MN-4489 U-2 SENSOR CONVERSION (CONTINUED)
 PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)								
PROCUREMENT (3010)								
INSTALL KITS							3	37.7
KITS NONRECUR								
EQUIPMENT								
EQUIP NONREC								
CHANGE ORDERS								
DATA								
SIM/TRAINER								
SUPPORT-EQUIP								
INSTALLATION OF HARDWARE								
FY-97 3 KITS							(3)	
TOTAL INSTALL QTY/COST							3	
TOTAL COST (BP-1100)							3	37.7
(TOTALS MAY NOT ADD DUE TO ROUNDING.)								
MILESTONES								
		FY-97	FY-98					
		-----	-----					
CONTRACT-DATE (QTR/FY)		3/97						
DELIVERY-DATE (QTR/FY)		3/98						
INSTALLATION SCHEDULE:		FY-97		FY-98				
QUARTERS	1	2	3	4	1	2	3	4
INPUT							3	
OUTPUT							3	

*** UNCLASSIFIED ***

DATE 01/26/98

MODIFICATION OF AIRCRAFT
FY 1999 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1999 PB
MODIFICATION TITLE AND NO: U-2 POWER MN-4493

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC DARP CLASS P

MODELS OF AIRCRAFT AFFECTED: U-2

CENTER: ASC

PE 0305154F TEAM INFO

DESCRIPTION/JUSTIFICATION: Specific modifications are classified. The funding will be used to improve aircraft power distribution and performance. These modifications are necessary for the aircraft to maintain its mission effectiveness in conjunction with changing mission requirements.

DEVELOPMENT STATUS: Complete.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-97		FY-98		FY-99		FY-00		FY-01	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS							4	9.6	6	9.5	6	9.5
KITS NONRECUR												
EQUIPMENT												
EQUIP NONREC												
CHANGE ORDERS												
DATA												
SIM/TRAINER												
SUPPORT-EQUIP												
INSTALLATION OF HARDWARE												
FY-99	4											
FY-00	6											
FY-01	6											
FY-02	6											
FY-03	6											
FY-04	6											
FY-05	1											
TOTAL INSTALL QTY/COST												
TOTAL COST (BP-1100)							4	9.6	6	9.5	6	9.5
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION --												
INITIAL LEAD TIME -- 12 MONTHS						FOLLOW-ON LEAD TIME -- 12 MONTHS						

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*** UNCLASSIFIED ***

*** UNCLASSIFIED ***

FACT SHEET: DARP MN-4493 U-2 POWER
 PROJECTED FINANCIAL PLAN (CONTINUED)

(CONTINUED)

	FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)								
PROCUREMENT (3010)								
INSTALL KITS	6	9.5	6	9.5	7	1.5	35	49.2
KITS NONRECUR								
EQUIPMENT								
EQUIP NONREC								
CHANGE ORDERS								
DATA								
SIM/TRAINER								
SUPPORT-EQUIP								
INSTALLATION OF HARDWARE								
FY-99 4 KITS								
FY-00 6 KITS								
FY-01 6 KITS								
FY-02 6 KITS								
FY-03 6 KITS								
FY-04 6 KITS								
FY-05 1 KITS								
TOTAL INSTALL QTY/COST								
TOTAL COST (BP-1100)	6	9.5	6	9.5	7	1.5	35	49.2

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 *** UNCLASSIFIED ***