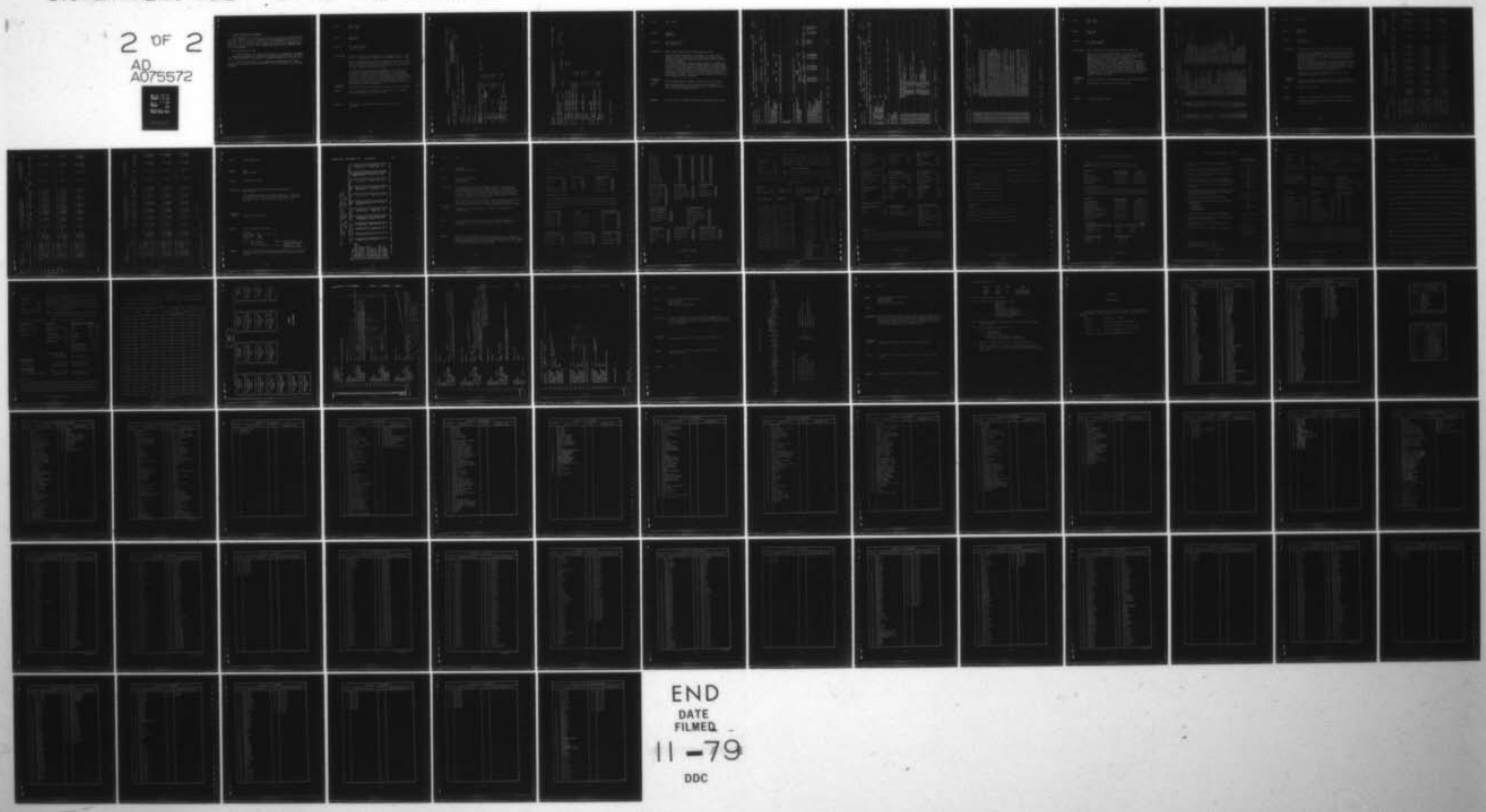
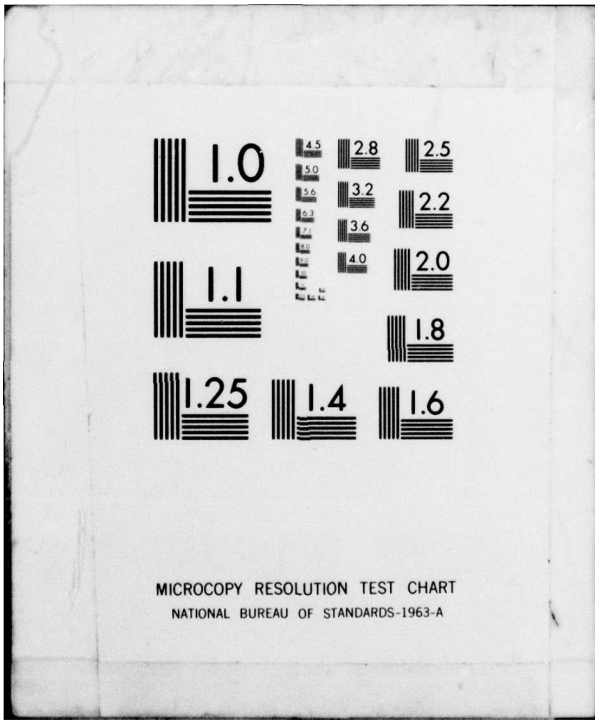
AD-A075 572 ARINC RESEARCH CORP ANNAPOLIS MD F/G 5/2
MECHANIZATION ARCHITECTURE FOR ENHANCEMENT OF AVIONICS PLANNING--ETC(U)
SEP 79 S COTTON, R GILBERTSON F33657-79-C-0567
UNCLASSIFIED 1750-01-1-2024 NL

2 OF 2
AD
A075572



END
DATE FILMED
11-79
DDC


1.0
4.5
5.0
5.6
6.3
2.8
3.2
3.6
4.0
2.5
2.2
2.0
1.8
1.1
1.25
1.4
1.6
MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A

22. Special Justification, Quantity:

Only one KY-58 is to be shared between the pilot ARC-164 (or ARC-133) and the copilot ARC-171; and only one KY-58 to be shared between the pilot and copilo VHF radio. The above decision was made with full awareness of the policy to secure each radio, but due to cockpit configuration, the above usage was formulated with the concurrance of SAC, AFCOMSEC CEN, WR-ALC, Det 2, 2762LS/CC and the program manager.

Rationale was as follows:

1. Primary usage of the copilot ARC-171 radio is for AFSATCOM. The agreed to configuration provides the capability to secure the ARC-171 in the Line of Sight mode of operation when required to provide a backup for the pilot's ARC-16.

2. RC-135 cockpit space is at a premium and the addition of two other KY-58 in the cockpit area would necessitate a costly rearrangement of existing equipment.

TITLE: GO79. RHEO
GO79. RGEO

AGENCY: AFLC/LOAPR
WPAFB, OH

CONTACT: Mr. Gilbert Doggett
513-257-3105/2840

DESCRIPTION: Part E-7, "Modification Schedule and Cost Summary by MD" -- RHEO
Part E-6, "Modification Schedule and Cost Summary by MDS" -- RGEO

Part E-7 is broken down by MD (Model-Design) and Part E-6 is broken down by MDS(Model-Design-Series). Updated six times a year, this section of the GO79 contains all mod. related costs by year, and all mod. schedules by year and by quarters.

The Modification Schedule and Cost Summary is a product of the Systems and Equipment Modification/Maintenance Program (SEMMP) maintained by Air Foce Logistics Center (AFLC) as assigned under AFR 27-8. Through employment of the Automated Data System Designator ((DSD)-GO79), AFLC provides data products that portray depot level maintenance and Class IV, Class V, and AFSC update modification requirements, programs, funds, and schedule status of all Air Force weapon systems and major equipment.

INFORMATION SOURCE: Each ALC responsible for updating GO79 with latest CCB information.

FORMAT: Four pages from the GO79. RHEO are included here as an example. They describe mod. no. F2903 on the C141.

REMARKS: GO79 Products are maintained only on current modification programs.

PART E7-M/D MODIFCATION SCHEDULE AND COST SUMMARY

(Date Modification Project Directive Issued by the Directorate of Material Management to the Directorate of Maintenance) → MPD ISSUED 75 JAN

MOD NO F2903 IMPROVED NAV SYSTEM

				1978				1979				1980				1981
			QTR	1ST	2ND	3RD	4TH	TOTAL	1ST	2ND	3RD	4TH	TOTAL	1ST	2ND	3RD	4TH	TOTAL	TOTAL
MOD SCHEDULE			IN	57	61	58	45	221											
PRGM	COMPL	IN WORK		56	62	← *(Schedule Change Shown on Line Below Original Entry)*													
270	207	18	OUT	59	61	67	50	237	14			14							
KIT PROOF			IN																
PRGM	COMPL	IN WORK																	
2	2		OUT																
PROTOTYPE			IN																
PRGM	COMPL	IN WORK																	
1	1		OUT																

(Production Lead Time in Quarters) — *(Type Contract)* *(C=Fixed Price Incentive)*

REQUIREMENT/CONTR	P L	T C	BPAC	PREVIOUS	197T(76)	1977	1978	1979	1980	1981
					FISCAL YEAR COST					
AAU GROUP A KITS	4	C	11476L *(Budget Code to be Charged)*	1053847		3659821				
UNIT COST				12254		19676				
QUANTITY				86		186				
ABU GROUP B KITS	4	C	11476L	10362808		22847232				
• UNIT COST				120498		122835				
QUANTITY				86		186				
ACU CMPNT MOD *(Component Modifications)*	4		11476L	1034045						
ADU DATA	4	C	11476L	661790 *(Spent Before FY 7T)*		236446				
GP-ADATA ← *(Group A Data)*										

PART E7-M/D MODIFICATION SCHEDULE AND COST SUMMARY

MOD NO F2903 IMPROVED NAV SYSTEM

MPD ISSUED 75 JAN

REQUIREMENT / CONTR	P L	T C	BPAC	PREVIOUS	FISCAL YEAR COST 197T(76(	1977	1978	1979	1980	1981
AVU NEW COMMON SE	8	C	129990							
D/AG INS ← *(Depot Support Equipment for INS)*							1081200			
AVU NEW COMMON SE	8		129990							
DEP/AHRS ← *(Depot Support Equipment for AHRS)*							1121900			
AWU PCR SINGLE SE	2	C	11476L	81991	634967					
INS/FLD ← *(Peculiar C-141 Support Equipment for Field Use)*										
AZU OTHER	4	C	11476L		1180677	1540523				
INS/RIW ← *(Reliability Improvement Warranty for INS)*										
UNIT COST					1180677	1540523				
QUANTITY					1	1				
BBU GROUP B KITS	4	C	11476L		1065050	2391940				
AHRS ← *(AHRS is a Second Group B Kit)*										
UNIT COST					12384	12860				
QUANTITY					86	186				
BDU DATA	4	C	11476L		226968					
AHRS ← *(Data for AHRS)*										
BWU PCR SINGLE SE	4	C	11476L	390751	677030					
AHRS/FLD ← *(Same as AWU; Except this is for AHRS)*										
BZU OTHER		C	11476L		687300	1469400				
AHRS/RIW										
UNIT COST ← *(Same as AZU; Except this is for AHRS)*					687300	1469400				
QUANTITY					1	1				

TITLE: G079. PRMO

AGENCY: AFLC/LOAP
WPAFB/OH

CONTACT: Mr. Gilbert Doggett
(513) 257-3105

DESCRIPTION: MMPR, "Monthly Modification Program Progress Report"

Contains Estimated man-hours, TCTO numbers, the name, office symbol, and phone number of the ALC Modification Manager (OPR), a narrative history of changes that have taken place in a specific modification program.
The Monthly Modification Program Progress Report is a product of the Systems and Equipment Modification/Maintenance Program (SEMMP) maintained by Air Force Logistics Center (AFLC) as assigned under AFR 27-8. Through employment of the Automated Data System Designator ((DSD)-G079), AFLC provides data products that portray depot level maintenance and Class IV, Class V, and AFSC update modification requirements, programs, funds, and schedule status of all Air Force weapon systems and major equipment.

INFORMATION SOURCE: Each ALC responsible for updating G079 with latest information.

FORMAT: The following pages are extracted from the WR ALC MMPR. The modification described is the installation of the ARN-118 on the C-130, Modification number 12009C.

REMARKS: Each ALC produces a monthly modification program progress report.

AS OF 79 MAY 03 MONTHLY MODIFICATION PROGRAM PROGRESS REPORT-MPPR RCS HAF-LEX(Q)7111 CQ79-PRMC

MODEL DESG C130 MOD NO 12CC9C AN/ARN-118 TACAN WRALC PAGE 1

REPORT DESG C-130

HQ AF OPR ALC OPR

000 MAJ DON O-BRIAN LGYYS 50844 GEO.WILSON MMSPBM 02767

MILESTONE ACTIVITY/EVENTS	APPLICABLE TO CLASS V MODS AND TO HQ USAF DIRECTED CLASS IV MODS								
001 KITS PROCURED IN PREVIOUS YEARS	GROUP A		GROUP B						
002									
003 PPO/CRCC ISSUED									
004 MFR SUBMITTED									
005 PPC DIRECTING MOD ISSUED		74 MAR		74 JUN					
006 PPO APPROVED PROGRAM									
007 PPO APPROVED QUANTITY	INITIAL	704	CURRENT	710					
MILESTONE ACTIVITY/EVENTS	APPLICABLE TO NON-HQ USAF DIRECTED CLASS IV MODS								
008									
009									
010									
011									
012									
013									
MILESTONE ACTIVITY/EVENTS	APPLICABLE TO ALL CLASS V AND CLASS IV MODS								
014 INITIAL RECEIPT OF PA BY ALC		74 AUG							
015 CONTRACT OPTION DATES		77 APR		78 APR		79 APR			
016 UNIT MANHOURS	FORECAST	10	ACTUAL	13					
017 TCTC NUMBERS	IC-13C-531 (31MAY80)								

	INITIAL PLANNED START	INITIAL PLANNED COMPL	ACTUAL START DATE	ACTUAL COMPL DATE	QTY COMPL	% COMPL
018 ENG/PRDTC/TEST	77 JAN	78 DEC	77 JAN	77 JUN	1	100 %
019 PROCUREMENT CYCLE/GP A	76 OCT	77 APR	76 DEC	77 APR	1047	100 %
020 PROCUREMENT CYCLE/GP B	74 JUN	75 JUL	75 JAN	75 JUL	1047	100 %
021 PCO PROCESSING	77 FEB	79 JAN	77 FEB	77 SEP	2	100 %
022 KIT DELIVERY/GP A	77 FEB	80 DEC	77 FEB		1029	91 %
023 KIT DELIVERY/GP B	76 DEC	80 DEC	76 DEC		485	68 %
024 INSTALLATION SCHEDULE/GP A	77 FEB	80 DEC	77 FEB		465	65 %
025 INSTALLATION SCHEDULE/GP B	77 FEB	80 DEC	77 FEB		465	65 %
026 AVAIL OF ASSOCIATED AGE						
027 AVAIL OF INITIAL SPARES						
028 PCO OF TARS (CL I, SIMULATORS, WSTS)	YES					

MODEL DESG C130 MPPR MOD NO 12CC9C AN/ARN-118 TACAN WRALC PAGE 16

MODIFICATION SCHEDULE AND PROGRAM STATUS APPLICABLE TO ALL CLASS V AND CLASS IV MODS

MODIFICATION SCHEDULE / MILESTONE ACTIVITY/EVENTS	PREVIOUS YEARS TOTAL	FY79 1ST	FY79 2ND	FY79 3RD	FY79 4TH	FY80 1ST	FY80 2ND	FY80 3RD	FY80 4TH	FY81 1ST	FY81 2ND	FY81 3RD	FY81 4TH	OUT YEARS TOTAL
029 KIT DELIVERY														
030 INITIAL APPROVED	704													
031 CURRENT APPROVED														
032 CURRENT ACTUAL <W/O ID>														
033 INSTALL SCHEDULE														
034 INITIAL APPROVED	704													
035 CURRENT APPROVED														
036 CURRENT ACTUAL <W/O ID>														
037 PEAC	119999													

PROGRAM STATUS	---FY77---	---FY78---	---FY79---	---FY80---	---FY81---	---FY82---
038 PROPOSED						
039 APPROVED						
040 INITIATIONS						
041 COMMITMENTS						
042 OBLIGATIONS						

A-51

043 DATE 7123 THIS MOD REPLACES OBSOLETE AN/ARN-21 TACAN SYS WITH THE
044 DATE 7123 MORE RELIABLE AN/ARN-118
051 DATE 7123 .....
052 DATE 7123 APPLICATION-QTY BY MDS AND COMD
053 DATE 8059 C130A - 117 <SYS-2 / AFR-51 / ANG-64>
054 DATE 7123 AC130A - 10 <AFR>
055 DATE 7123 DC130A - 5 <TAC>
057 DATE 7123 C130D - 9 <ANG>
058 DATE 7231 C130B - 54 <SYS-9/AFR-42/ANG-42/LCG-1>
059 DATE 7123 MC130B - 1 <MAC>
060 DATE 8128 C130E - 287 <AFE-3 / AFR-32 / ANG-48 / MAC-202/ ATC-1
061 DATE 8059 TAC-1>
062 DATE 7249 DC130E/ 7<SYS/2 / TAC/5>
063 DATE 7249 MC130E/ 6<MAC>
064 DATE 7249 C130H/ 68<MAC>
065 DATE 7123 AC130H - 10 <SYS-1 / TAC-9>
066 DATE 7364 WC130H - 14 <AFR-1 / MAC-7>
067 DATE 7123 MC130H - 26 <SYS-4 / AFR-12 / ANG-4 / MAC-6>
068 DATE 7231 HC130N - 15 <SYS-1/AFR-2/MAC-12>
069 DATE 7123 HC130P - 18 <SYS-3 / ANG-4 / MAC-11>
070 DATE 7200 DC130H - 1 <SYS>
071 DATE 7123 EC130E - 7 <TAC>

072 DATE 7200 MC130E - 15 <AFE-4/SYS-1/PAF-4/TAC-6>
073 DATE 8094 TRAINERS <11>
074 DATE 7123 ----
075 DATE 8128 TOTAL 710
076 DATE 7123 .....
077 DATE 7123 INITIAL RECEIPT OF FUNDS IN PREVIOUS YEAR AND AS LATE AS FY
078 DATE 7123 77 DID NOT PROVIDE A BREAKOUT BETWEEN ACFT GP A GP B. WRALC
079 DATE 7123 MGMT DIV PROGRAMMED THE PA BASED ON IDENTIFIABLE ACFT
080 DATE 7123 REQMT. NUMEROUS PROBLEMS RESULTED WITH THIS METHOD OF DIST-
081 DATE 7180 RIBUTION.
091 DATE 7123 .....
092 DATE 7123 REQUEST FOR ORG ASSY OF GP A FOR THE AC130A AND C130E THRU
093 DATE 7180 HC130P PROCESSED DEC 76. ADDITIONAL ORGANIC ASSEMBLY OF
094 DATE 7123 KITS WILL BE REQUIRED AS SOON AS KIT CONTENT IS DETERMINED
095 DATE 7123 BY ENER/TECH FOR THE A, B, AND D SERIES ACFT. PR FD2060-77-
096 DATE 7180 96039, 20 JAN 77, AND CONTRACT NR F09603-77-C-0961, 27 APR
097 DATE 7180 77, ISSUED TO PROCURE PROTOTYPE, KITPROOF FOR THE C130A/B/D
098 DATE 7180 SERIES ACFT AND PROVIDE PECULIAR LONG LEAD ITEMS <JUMP CON-
099 DATE 7180 NECTOR AND HARNESS ADAPTER> WHICH WILL BE USED IN THE
100 DATE 7180 ORGANIC ASSEMBLY OF GP A FOR THE C130A/B/D. CONTRACT NR
101 DATE 7180 F09603-75-C-C144 MANAGED BY THE IM DIV WILL PROVIDE ALL
102 DATE 7180 GP B <TACAN> FOR THE C130 ACFT.
121 DATE 7123 .....
122 DATE 7123 PROTOTYPE COMPLETED ON C130E <S/N 64-0538> 10 FEB 77 AT
123 DATE 7180 LITTLE ROCK WITH INSTALLATION REMAINING ON ACFT. ADDITIONAL
124 DATE 7180 PROTOTYPE ACCOMP ON C130A <S/N 55-0007> 1 JUN 77 BY COLLINS
125 DATE 7180 AT ECLIN AFB BUT INSTALLATION REMOVED.
141 DATE 7123 .....
142 DATE 7123 KITPROOF ON C130E <S/N 64-0533> 10 FEB 77 AT LITTLE ROCK .
143 DATE 7123 ADDITIONAL KITPROOF WILL BE ACCOMPLISHED ON THE C130A.
144 DATE 8109 KIT PROOF ACCOMPLISHED ON C130 56-508 AT EGLIN AFB FL AND
145 DATE 8109 ACCEPTED SEP 77.
161 DATE 7123 .....
162 DATE 7123 MANHOUR ADJUSTMENT FROM 10 TO 13 IS THE RESULT OF PROTOTYPE
163 DATE 7123 /KITPROOF ON THE C130E ACFT AND IS COMPATIBLE WITH THE TCTO
171 DATE 7123 .....
172 DATE 7123 QTY ADJUSTMENT TO MATCH AF INVENTORY.
173 DATE 7340 THE DIFFERENT BETWEEN 1047 KITS VERSUS 713 AIRCRAFT IS DUE
174 DATE 7364 TO DUAL SYSTEM INSTALLATION.
175 DATE 8109 QTY CHANGE DUE TO RC13CA BEING PLACED IN STORAGE AND C130E
176 DATE 8324 63-7787 AND 63-7766 ATTRITED. QTY NOW 710.
181 DATE 7123 .....

TITLE: G079. PXCO
G079. PVCO

AGENCY: AFLC/LOAPR
WPAFB, OH

CONTACT: Mr. Gilbert Doggett
513-257-3105/2840

DESCRIPTION: MPPR, "Modification Program Progress Report" Master List

Master list of current modifications. G079.PXCO and G079.PVCO contain the same information. G079.PXCO is organized by mod. numbers, and G079.PVCO is organized by MDS/TMS. There is a MPPR for each ALC. Updates occur six times a year.
The MPPR Master List is a product of theSystems and Equipment Modification/Maintenance Program (SEMMP) maintained by Air Force Logistics Center (AFLC) as assigned under AFR 27-8. Through employment of the Automated Data System Designator ((DSD)-G079), AFLC provides data products that portray depot level maintenance and Class IV, Class V, and AFSC update modification requirements, programs, funds, and schedule status of all Air Force weapon systems and major equipment.

INFORMATION SOURCE: Each ALC responsible for updating G079 with latest CCB information.

FORMAT: WR ALC MPPR is presented on the following page.

REMARKS: Each ALC produces a MPPR.

MCD NR	MCS/TMS	MODIFICATION TITLE	TCTO DATA
F2084	C130	INSTL STATION KEEPING ON C130E	1C-130E-546
F2135	H003	MFT EXPLOSION SUPPRESSANT FOAM	1H-3-704 <79 FEB>
F2645	H003	INSTALL VOR NAVIGATION SYSTEM	1H-3-712 <NOT PUBLISHED>
F2727	HH053C	IMPROVE RESCUE HOIST	1H-53-579 <NOT PUBLISHED>
F2755	H001	ADF/MARKER BEACON CAPABILITY AFE	<SEE REMARKS EVENTS 182 AND 183>
F2875	C141A	STRETCH	1C-141B-501 UNPUBLISHED
F2903	C141A	IMPROVED NAV SYSTEM	1C-141A-1470 <1JAN1980> <1C-141A-1462 PROTO ONLY>
F2920	1427AB	MOD AIM-9B TO AIM-9J /	21M-AIM9B-516 <31 DEC 79>
F2925	4210	RUNWAY FOAMER/RESUPPLY FIRE VEH.	36A11-8-7-501 <30 AUG 79>
F2928	H003	HEADS-UP DISPLAY <HUDS>	1H-3-675 <NOT PUBLISHED>
F2934	C130	OMEGA	1C-130-943 <80SEP>
F2947	BCM034A	INST DIGIDOP DOWNLINK	21M-BCM34A-594 2JUN 77
	BCM034F	INST DIGIDOP DOWNLINK MATTS	21M-BCM34F-547 2JUNE 77
F2948	5865EW	MOD VSP CM285/AAR34 TRACK LIGHT	12P6-2AAR34-501
F2963	C123K	LORAN C INSTALLATION	1C-123K-563 <NOT PUB>
F2971	C130	UPDATE JACC/CP CAPABILITY	1C-130-954 <UNPUBLISHED>
F2996	HH053C	PAVE LOW III SYSTEM	<NOT ESTABLISHED>
F3027	C130	INSTL NON TACT VHF-FM RADIO HC/H	1C-130<H>-501 <NOT PUBLISHED>
F3029	C140B	INST AN/ARN-118 TACAN,C140B	1C-140B-503 <NOT PUB>
11010C	5821	UHF COMMAND RADIO MODERNIZATION	SEE REMARKS, LINE 044
12009C	C007A	TACAN-ARN118	1C-7A-619 <26 NOV 79>
	C130	AN/ARN-118 TACAN	1C-130-931 <31MAY80>
	C140A	TACAN-ARN118	1C-140A-527 <NOT PUB>
	H001	AN ARN 118 TACAN SYSTEM	<SEE REMARKS EVENT 182 AND 183>
	5826	REPLACEMENT OF ARN21,52,65,72	SEE REMARKS, LINE 044
13606C	C130	REPL AN/APN-59D WITH AN/APN-59E V	1C-130-973 <NOT PUBLISHED>
	5841	SOLID STATE OF AN/APN-59B RADAR	1C-135-1064 1C-130-973
14604B	1270AY	REPLACE TPC & PSG MD-S/ASG-15	18-52-2053 <NOT PUBLISHED>
15610B	4210	MOD OF A/S32P-2 FIRE TRUCKS	36A12-8-13-511 <31 MAY 81>
16201A	C141A	INST OF GROUND PROX WARN SYS	1C-141A-1485 7 NOV 79 1C-141-509 12 JAN 80
16603B	1427AB	AIM-9J TORQUE FEEDBACK REMOVAL	21M-AIM9J-505 <1 JUN 81>
16611A	C141A	REDESIGN CARGO RAMP LOCK LATCH	1C-141-513 <3 MAR 82>
16612C	3930	MOD/REMANUFACTURE A/S32H-5 TRUCK	36P2-3-20-511
16616A	C130	INSTALLATION OF HAM STD PROPS	1C-130-936 <29 NOV 1979>
16620C	5826	AN/ARC-65 HF-SSB RADIO REPLACEME	
16622B	C141A	PILOT OPERABLE WEATHER RADAR	1C-141A-1515 <NOT PUB> 1C-141-514 <NOT PUB>
16633B	5865EW	MOD OF AN/ALR 46 RADAR WARN SYS	12P3-2ALR46-507 12P3-2ALR46-508
17602B	1427AB	AIM-9J MISSILE INFLUENCE FUZE	21M-AIM9-506
17608B	5820	TRAN PORT ALRT CONTR ELE<TALCE>	12R2-4-129-501
18607B	5865EW	MOD OF AN/ALR-2CA THREAT DIS CAP	12P3-2ALR20-515
19601B	C141A	FATIGUE LIFE EXTENSION	1C-141-538 <NOT PUB>
62003B	5821	INCORP OF OIL LEVEL INDICATOR	3HA2-7-518 <80 FEB>
62015B	C130	IMP BLEED AIR OVERHEAT WARN SYS	1C-130-894 <1 MAY 80>
63058B	1270AY	MOD OF SEARCH ANTENNA MD-9 ASG15	11F5-16-509
63146B	5826	MOD. OF 51V-4A RECEIVER	12R5-4-6-503 <79 JUL>
65021A	H003	INST HIGH INTENS ANTI/COL STR LI	1H/3/653 <NOT PUBLISHED>

TITLE: D056 System

AGENCY: AFALD/LOEP
WPAFB, OH

CONTACT: Ms. Puckett
513-255-3001/3763

DESCRIPTION: "Standard Reliability and Maintainability Performance Summary"

This report is the standard Air Force reference for historical reliability and maintainability performance information on all operational equipments and weapons. It was developed under HQ USAF direction and is to be used in accordance with guidance provided in AFR 80-5.
Collects and records all maintenance events performed on AFLC monitored systems. Summarizes manhours and maintenance actions by type of maintenance performed. Computes all totals, and computes Mean-Time-Between-Maintenance-Event (MTBME). Provides total fleet operating hours and sorties flown.

Available in hard copy or microfiche upon special request
Information retrieved by WUC, MDS.

INFORMATION SOURCE: AFM 66-1, T.O. 00-20-2 series, "on" and "off" equipment work reported on AFTO Forms 349 and AFR 65-110 aircraft utilization.

FORMAT: Example pages included.

REMARKS: System is in process of being put on a new computer system.

Note that not all WUCs can be found in system, but a majority of them are there.

WRALC-ACF
F015 LP0025
AN-ARN118 TACAN INS (71)

STANDARD RELIABILITY AND MAINTAINABILITY
REPORT PERIOD: 1 JUL 78 TO 30 JUN 79
SCOPE: WORLDWIDE INVENTORY

PCN: 0-00561-L34-HK-MJK
RCS: HAF-LEY(AR)7904

INVENTORY: 327 OPERATING HOURS: 83341 SORTIES: 61904 LANDINGS: 72135

***** SUMMARY CATEGORY ******	MTBM	********* MMH/OH *******			********** MMH/S ********			TOTAL	TOTAL	** HOUR TOTALS **	
		ON EQ	SHOP	TOTAL	ON EQ	SHOP	TOTAL	EVENTS	MA	ON EQ	SHOP
** SUBSYSTEM SUMMARY (717) AN-ARN118 TACAN INS											
PREVENTIVE MAINTENANCE	0.00	--------	--------	--------	--------	--------	--------	0	0	.0	.0
CORRECTIVE MAINTENANCE											
INHERENT MALFUNCT	3333.64	.002	.002	.003	.003	.002	.005	25	36	163.3	126.8
INDUCED MALFUNCT	83341.00	.000	.000	.000	--------	--------	--------	1	1	.7	.0
OTHER	41670.50	.000	.000	.000	.000	.001	.001	2	2	4.0	39.5
SUBTOTAL ALL MALFUNCT	2976.46	.002	.002	.004	.003	.003	.005	28	39	168.0	166.3
NO DEFECT	1243.91	.003	.002	.004	.003	.002	.005	67	97	213.9	133.6
* TOTAL ALL MAINTENANCE	877.27	.004	.004	.008	.006	.005	.011	95	136	381.9	299.9
** LCN SUMMARY (7170)											
PREVENTIVE MAINTENANCE	0.00	--------	--------	--------	--------	--------	--------	0	0	.0	.0
CORRECTIVE MAINTENANCE											
INHERENT MALFUNCT	27780.33	.001	.000	.001	--------	--------	--------	3	4	77.8	.0
INDUCED MALFUNCT	0.00	--------	--------	--------	--------	--------	--------	0	0	.0	.0
OTHER	41670.50	.000	.000	.000	--------	--------	--------	2	2	4.0	.0
SUBTOTAL ALL MALFUNCT	16668.20	.001	.000	.001	--------	--------	--------	5	6	81.8	.0
NO DEFECT	3708.23	.001	.000	.001	--------	--------	--------	22	24	63.2	.0
* TOTAL ALL MAINTENANCE	3086.70	.002	.000	.002	--------	--------	--------	27	30	145.0	.0
** WUC SUMMARY (71700) AN-ARN118 TACAN INS											
PREVENTIVE MAINTENANCE	0.00	--------	--------	--------	--------	--------	--------	0	0	.0	.0
CORRECTIVE MAINTENANCE											
INHERENT MALFUNCT	27780.33	.001	.000	.001	--------	--------	--------	3	4	77.8	.0
INDUCED MALFUNCT	0.00	--------	--------	--------	--------	--------	--------	0	0	.0	.0
OTHER	41670.50	.000	.000	.000	--------	--------	--------	2	2	4.0	.0
SUBTOTAL ALL MALFUNCT	16668.20	.001	.000	.001	--------	--------	--------	5	6	81.8	.0
NO DEFECT	3708.23	.001	.000	.001	--------	--------	--------	22	24	63.2	.0
* TOTAL ALL MAINTENANCE	3086.70	.002	.000	.002	--------	--------	--------	27	30	145.0	.0

USALOG-ACE
F015 LD8025
AN-ARN118 TACAN INS (Z1)

STANDARD RELIABILITY AND MAINTAINABILITY
REPORT PERIOD: 1 JUL 78 TO 30 JUN 79
SCOPE: WORLDWIDE INVENTORY

PCN: 0-00561-034-4K-M4K
RCS: HAF-LEY(AR)7904

INVENTORY: 327 OPERATING HOURS: 83341 SORTIES: 61904 LANDINGS: 72135

***** SUMMARY CATEGORY ******	MTBM	********* MMH/OH ******* ON EQ	SHOP	TOTAL	********** MMH/S ******** ON EQ	SHOP	TOTAL	TOTAL EV.NTS	TOTAL MA	** HOUR TOTALS ** ON EQ	SHOP
** LRU SUMMARY (7179)											
PREVENTIVE MAINTENANCE	0.00	--------	--------	--------	--------	--------	--------	0	0	.0	.0
CORRECTIVE MAINTENANCE											
INHERENT MALFUNCT	83341.00	.000	.000	.000	--------	--------	--------	1	1	4.0	.0
INDUCED MALFUNCT	0.00	--------	--------	--------	--------	--------	--------	0	0	.0	.0
OTHER	0.00	--------	--------	--------	--------	--------	--------	0	0	.0	.0
SUBTOTAL ALL MALFUNCT	83341.00	.000	.000	.000	--------	--------	--------	1	1	4.0	.0
NO DEFECT	83341.00	.000	.000	.000	--------	--------	--------	1	1	4.0	.0
* TOTAL ALL MAINTENANCE	41670.50	.000	.000	.000	--------	--------	--------	2	2	8.0	.0
** FSC SUMMARY (7179)											
4920											
PREVENTIVE MAINTENANCE	0.00	--------	--------	--------	--------	--------	--------	0	0	.0	.0
CORRECTIVE MAINTENANCE											
INHERENT MALFUNCT	83341.00	.000	.000	.000	--------	--------	--------	1	1	4.0	.0
INDUCED MALFUNCT	0.00	--------	--------	--------	--------	--------	--------	0	0	.0	.0
OTHER	0.00	--------	--------	--------	--------	--------	--------	0	0	.0	.0
SUBTOTAL ALL MALFUNCT	83341.00	.000	.000	.000	--------	--------	--------	1	1	4.0	.0
NO DEFECT	83341.00	.000	.000	.000	--------	--------	--------	1	1	4.0	.0
* TOTAL ALL MAINTENANCE	41670.50	.000	.000	.000	--------	--------	--------	2	2	8.0	.0
** LRU SUMMARY (7179)											
PREVENTIVE MAINTENANCE	0.00	--------	--------	--------	--------	--------	--------	0	0	.0	.0
CORRECTIVE MAINTENANCE											
INHERENT MALFUNCT	4630.06	.001	.001	.002	.001	.001	.003	18	27	73.1	91.0
INDUCED MALFUNCT	83341.00	.000	.000	.000	--------	--------	--------	1	1	.7	.0
OTHER	0.00	--------	--------	--------	.000	.001	.001	0	0	.0	36.0
SUBTOTAL ALL MALFUNCT	4386.37	.001	.001	.002	.001	.002	.003	19	28	73.8	127.0
NO DEFECT	2525.48	.001	.001	.003	.002	.002	.004	33	53	111.1	123.3
* TOTAL ALL MAINTENANCE	1602.71	.002	.003	.005	.003	.004	.007	52	81	184.9	250.3

WEALR-ACF
F015 LD0025
AN-ARN118 TACAN INS (71)

STANDARD RELIABILITY AND MAINTAINABILITY
REPORT PERIOD: 1 JUL 78 TO 30 JUN 79
SCOPE: WORLDWIDE INVENTORY

PCN: 0-0056T-834-KK-MAK
RCS: HAF-LEY(AR)7904

INVENTORY: 327 OPERATING HOURS: 83341 SORTIES: 61904 LANDINGS: 72135

***** SUMMARY CATEGORY ******	MTBM	MMH/OH ON EQ	MMH/OH SHOP	MMH/OH TOTAL	MMH/S ON EQ	MMH/S SHOP	MMH/S TOTAL	TOTAL EVENTS	TOTAL MA	** HOUR TOTALS ** ON EQ	SHOP
** WUC SUMMARY (717A0) RECEIVER TRAN											
PREVENTIVE MAINTENANCE	0.00	--------	--------	--------	--------	--------	--------	0	0	.0	.0
CORRECTIVE MAINTENANCE											
INHERENT MALFUNCT	4630.76	.001	.001	.002	.001	.001	.003	18	27	73.1	91.0
INDUCED MALFUNCT	83341.00	.000	.000	.000	--------	--------	--------	1	1	.7	.0
OTHER	0.00	--------	--------	--------	.000	.001	.001	0	0	.0	36.0
SUBTOTAL ALL MALFUNCT	4386.37	.001	.001	.002	.001	.002	.003	19	28	73.8	127.0
NO DEFECT	2525.49	.001	.001	.003	.002	.002	.004	33	53	111.1	123.3
* TOTAL ALL MAINTENANCE	1602.71	.002	.003	.005	.003	.004	.007	52	81	184.9	250.3
** EPU SUMMARY (717E)											
PREVENTIVE MAINTENANCE	0.00	--------	--------	--------	--------	--------	--------	0	0	.0	.0
CORRECTIVE MAINTENANCE											
INHERENT MALFUNCT	27780.33	.000	.000	.001	.000	.001	.001	3	4	8.4	35.8
INDUCED MALFUNCT	0.01	--------	--------	--------	--------	--------	--------	0	0	.0	.0
OTHER	0.00	--------	--------	--------	.000	.000	.000	0	0	.0	3.5
SUBTOTAL ALL MALFUNCT	27780.33	.000	.000	.001	.000	.001	.001	3	4	8.4	39.3
NO DEFECT	7576.45	.000	.000	.001	.001	.000	.001	11	19	35.6	10.3
* TOTAL ALL MAINTENANCE	5952.93	.001	.001	.001	.001	.001	.001	14	23	44.0	49.6
** WUC SUMMARY (717E0) TACAN ELECTRONIC											
PREVENTIVE MAINTENANCE	0.00	--------	--------	--------	--------	--------	--------	0	0	.0	.0
CORRECTIVE MAINTENANCE											
INHERENT MALFUNCT	27780.33	.000	.000	.001	.000	.001	.001	3	4	8.4	35.8
INDUCED MALFUNCT	0.01	--------	--------	--------	--------	--------	--------	0	0	.0	.0
OTHER	0.00	--------	--------	--------	.000	.000	.000	0	0	.0	3.5
SUBTOTAL ALL MALFUNCT	27780.33	.000	.000	.001	.000	.001	.001	3	4	8.4	39.3
NO DEFECT	7576.45	.000	.000	.001	.001	.000	.001	11	19	35.6	10.3
* TOTAL ALL MAINTENANCE	5952.93	.001	.001	.001	.001	.001	.001	14	23	44.0	49.6

*** END PRINT ***

16.42.17. 83/14/73 JATPKP1 //// END OF LIST ////
16.42.17. 83/14/73 JATPKP1 //// END OF JOB ////

TITLE: AFALD Pamplet 800-4

AGENCY: AFALD
WPAFB, OH 45433

CONTACT: ARINC Research Library

DESCRIPTION: Aircraft Historical Reliability and Maintainability Data (Sept. '78)

Lists maintenance events per six month intervals. Information is organized by standard MDS and within MDS by WUC. There are 47 aircraft listed. The time period covered is Oct.'72 - Mar '78.

INFORMATION SOURCE: Edited form DO56 System

FORMAT: Refer to example on next page.

Aircraft: 0-2
Time Period: Apr. '75 - Sept. '75
Flying Hours: 35895
Sorties: 18849

Terms: INH - Inherent
IND - Induced
No. Def - No Defects
Organ. - Organizational, "on" equipment maintenance
Inter. - Intermediate, "Off" equipment maintenance

REMARKS: This was a one-time publication put out by AFALD. It is not known whether another will be published subsequent to the next six-year period.

Part 7A - 02 AIRPLANE SYSTEM RELIABILITY AND MAINTAINABILITY SUMMARY

AIRCRAFT 0002 REPORT PERIOD: 1 APR 75 TO 30 SEP 75

FLYING HOURS: 35895 SORTIES: 10849

WUC SYS	SYSTEM NOUN	-NO. OF MAINTENANCE EVENTS- INH	IND	NO DEF	TOTAL	NUMBER OF MAINTENANCE MANHOURS -INHERENT- ORGAN	INTER	-INDUCED- ORGAN	INTER	-NO DEFECT- ORGAN	INTER	-TOTAL- ORGAN	INTER
03	SUPPORT GENERL INSP	0	0	0	0	.0	.0	.0	.0	.0	.0	88424.7	.0
04	SUPPORT GENERL INSP	0	0	0	0	.0	.0	.0	.0	.0	.0	10132.0	0.9
11	AIRFRAME	1812	1225	257	3345	6733.4	625.5	2483.1	77.7	1089.9	42.3	10414.6	2174.2
12	COCKPIT-FUS COMP	575	235	105	929	1400.1	60.2	342.8	2.0	220.5	.0	1991.2	127.2
13	LANDING GEAR	2066	375	492	2959	7587.1	543.9	704.3	131.1	1624.1	405.1	10161.0	1576.1
14	FLIGHT CONTROLS	624	173	138	943	3966.6	62.5	353.6	.0	562.0	.0	4935.6	124.2
21	RECP PWR PLANT	4618	1443	426	6522	18324.8	685.9	2649.9	26.2	2080.4	128.3	23140.9	1404.5
32	HYD PROPELLERS	814	186	408	1489	2850.4	254.4	478.6	9.9	1028.3	20.9	4360.3	378.4
41		364	102	7	487	924.7	6.3	131.7	.0	11.9	.0	1086.4	9.8
42	ELECT PWR SUPPLY	1161	175	525	1865	3887.9	1311.8	218.7	152.4	1042.6	264.1	5163.7	3121.3
44	LIGHTING SYS	429	158	23	612	768.6	12.0	170.7	.9	36.1	.0	986.8	37.8
45	HYD / PNEU POWER	0	1	0	1	.0	.0	10.0	.0	.0	.0	10.0	.0
46	FUEL SYSTEM	538	223	134	905	2434.0	25.4	352.9	3.0	407.9	11.2	3246.0	104.7
49	MISC UTILITIES	267	52	3	323	498.2	.0	58.1	.0	2.1	.0	558.9	14.4
51	INSTRUMENTS	489	47	207	669	1993.1	144.8	76.3	2.2	543.2	39.6	2628.7	270.8
62	VHF COMM SYS	388	14	154	563	1060.4	1254.7	19.4	64.6	275.0	95.6	1379.4	1806.4
63	UHF COMM SYS	341	12	158	523	962.1	1668.7	9.5	110.7	330.7	93.3	1312.5	2312.8
64	INTERPHONE	228	19	68	310	627.6	49.5	33.7	.0	145.2	7.1	809.8	75.0
65	IFF	151	3	115	274	715.8	414.3	8.4	16.7	247.3	87.1	978.8	839.8
69	MISC COMM EQUIP	28	2	4	34	36.8	11.1	2.6	.0	15.8	.0	55.2	13.1
71	RADIO NAVIGATION	841	37	286	1168	2497.5	2880.1	58.0	24.5	581.8	148.9	3180.1	4295.9
72		1	0	0	1	4.0	.0	.0	.0	.0	.0	4.0	.0
74	FIRE CONTROL	87	16	6	113	338.3	.0	42.6	.0	14.8	.0	395.2	.0
75	WEAPONS DELIVERY	213	82	305	612	933.0	211.2	267.0	65.8	779.0	253.7	2016.6	1203.3
77	PHOTO RECON	9	1	1	11	26.3	15.2	.5	2.6	2.2	.0	29.0	22.4
91	EMERG EQUIP	2	5	2	15	.7	.0	3.0	.0	4.3	.0	9.0	.0
95		0	0	1	2	.0	.0	.0	.0	2.0	.0	4.4	.0
	TOTAL SYSTEMS	15958	4578	3825	24607	58643.6	10237.5	8475.4	690.3	11047.9	1589.2	177415.6	19921.0

TITLE: RCM

AGENCY: RADC/RBRCM
Griffiss AFB, NY 13441

CONTACT: Mr. J.J. Steinkirchner
315-330-4151
Autovon 587-4151

DESCRIPTION: "System/Equipment Reliability Corporate Memory" is maintained by the Reliability Analysis Center (RAC). RAC is a DoD Information Analysis Center operated by IIT Research Institute, Chicago, Illinois. RCM, as it matures, will provide a mechanism for identification, collection, analysis, and retention of systems/equipment information including total R&M and Cost experience.

RCM is composed of several data bases, some of which are computerized, others which are maintained manually. Intended for extensive, highly technical analysis. For further descriptions refer to examples.

INFORMATION SOURCE: The majority of the information is submitted by contractors on standard forms.

FORMAT: The data forms used for collecting information are included here to indicate the content of the data bases. Three records are also shown.

REMARKS: Because this is a commercially operated system, time is an important factor. Consideration must be given to funding procedures. This system has just been established in the last several years and is in the process of expanding from a base of twenty systems.

PROGRAM DATA SUMMARY [illegible]

SYSTEM [illegible]: NAME _____

TYPE _____

Contractor _____ Contract No. _____

Procuring Agency _____ Using Command _____

Mission Function _____

Data Date: Initial _____ Last _____ Design Yr. _____

Document Acces. No. _____ _____ _____ _____

PROCUREMENT LEVEL		APPLICATION		MISSION LENGTH	
System	☐	Space	☐	Continuous	☐
Subsystem	☐	Aircraft	☐	>8 hrs.	☐
Set	☐	Ground	☐	1 to 8 hrs.	☐
Functional Group	☐	Other	☐	<1 hr.	☐
Unit/Component	☐			Not defined	☐

HISTORICAL SUMMARY ☐

_____

_____

_____

CONTRACT DESCRIPTION

LIFE CYCLE PHASE		Date	TYPE OF CONTRACT	
Concept	☐	_____	Design to Cost	☐
Validation	☐	_____	RIW	☐
Development	☐	_____	CPFF	☐
Production	☐	_____	CPIF	☐
Deployment	☐	_____	FFP	☐
			FPIF	☐

PROCUREMENT TYPE		R FINANCIAL POSTURE		PROCUREMENT APPROACH	
Existing Design	☐	R Incentive Award	☐	Low Bidder	☐
Modified Design	☐	R > 5% of Budget	☐	Minimum LCC	☐
New Design	☐	R < 5% of Budget	☐	Minimum Support	☐
Equip. Maint.	☐	Not Determined	☐	Technological	☐

(one per contract)

R&M PROGRAM

DOCUMENT	CONTRACTURAL	LIMITED	GUIDE	N/A
MIL-STD-470	☐	☐	☐	☐
MIL-STD-471	☐	☐	☐	☐
MIL-HDBK-472	☐	☐	☐	☐
MIL-STD-756	☐	☐	☐	☐
MIL-STD-781	☐	☐	☐	☐
MIL-STD-785	☐	☐	☐	☐
MIL-HDBK-217	☐	☐	☐	☐
RADC Notebook	☐	☐	☐	☐
MIL-HDBK-217B	☐	☐	☐	☐

R&M ANALYSIS/PRED

- R per MIL 756 ☐
- M per MIL 472 ☐
- Other Formal R ☐
- Other Formal M ☐
- Informal R ☐
- Informal M ☐
- No. Req't ☐

R&M NUMERICS

- Contract MTBF ☐
- Contract MTTR ☐
- MTBF Design Goal ☐
- MTTR Design Goal ☐
- No Req't ☐

DESIGN REVIEWS

- ≥ 2 Formal ☐
- 1 Formal ☐
- Informal Only ☐
- None Required ☐

FAILURE REPORTING/ CORRECTIVE ACTION

- Formal FRACAS Req't ☐
- Formal Report Only ☐
- Informal Report Only ☐
- Not Required ☐

R/M DEMONSTRATION

- R Demo Plan ____ ☐
- M Demo Method ____ ☐
- Other R Demo Req'ts ☐
- Other M Demo Req'ts ☐
- No R Demo ☐
- No M Demo ☐

DESIGN ANALYSIS

- FMEA/FMECA ☐
- Fault Tree ☐
- Worst Case Elect. ☐
- Thermal ☐
- Other ☐

DEVELOPMENT TESTS

- Design Qualif. ☐
- Environ. Qualif. ☐
- R Growth Test ☐
- Fly-off ☐

PRODUCTION INSPECT

- Sample Inspection ☐
- 100% Accept Test ☐
- Process. Screening ☐
- R Verify MIL 781 ☐

(one per contract)

TECHNICAL DATA SUMMARY FORM

ITEM DESCRIPTION:

Name _____

Type _____ WUC _____

Data Level

Contract No. _____

System [ ]

Manufacturer _____

Subsystem [ ]

Data Date: Initial _____ Last _____

Set [ ]

Used on/Higher Assy.

Functional Group [ ]

Name _____

Unit/Component [ ]

Type _____ WUC _____

Document Access. Nos. _____ _____ _____ _____ _____

Technical Data

CATEGORY

Radar	[ ]	Computer	[ ]	Controls/Displays	[ ]	Weapons	[ ]
Communications	[ ]	ECM/EW	[ ]	Guidance/Navigation	[ ]	Test Equip.	[ ]
				Software	[ ]	Other	[ ]

	DESIGN APPROACH		TECHNOLOGY	
1	_____	[ ]	_____	[ ]
2	_____	[ ]	_____	[ ]
3	_____	[ ]	_____	[ ]
4	_____	[ ]	_____	[ ]
5	_____	[ ]	_____	[ ]
6	_____	[ ]	_____	[ ]
7	_____	[ ]	_____	[ ]
8	_____	[ ]	_____	[ ]
9	_____	[ ]	_____	[ ]
10	_____	[ ]	_____	[ ]
11	_____	[ ]	_____	[ ]
12	_____	[ ]	_____	[ ]
13	_____	[ ]	_____	[ ]
14	_____	[ ]	_____	[ ]
15	_____	[ ]	_____	[ ]
16	_____	[ ]	_____	[ ]

MAJOR PARAMETERS

	Parameter	Value	Units
1	_____	_____	_____
2	_____	_____	_____
3	_____	_____	_____
4	_____	_____	_____
5	_____	_____	_____
6	_____	_____	_____
7	_____	_____	_____
8	_____	_____	_____
9	_____	_____	_____
10	_____	_____	_____
11	_____	_____	_____
12	_____	_____	_____
13	_____	_____	_____
14	Weight	_____	lbs
15	Volume	_____	cu. ft.
16	No. of Modules	_____	
17	Height	_____	in.
18	Width	_____	in.
19	Depth	_____	in.
20	Power Consumption	_____	watts

(one per equipment)

RELIABILITY FEATURES

FAULT TOLERANCE		DERATING GUIDELINES		PART QUALITY GRADE/ SCREEN CLASS	
Redundant Chan./Equip.	[ ]	High Rel.	[ ]	TXV, JAN 38510	[ ]
Graceful Degrade	[ ]	Intermediate	[ ]	TX,883	[ ]
Degraded Modes	[ ]	Commercial	[ ]	JAN, Hermetic	[ ]
None	[ ]			Commercial, Plastic	[ ]

MAINTAINABILITY FEATURES

DEPTH OF BIT		BIT METHODOLOGY		BIT IMPLEMENTATION	
Performance Monitor	[ ]	Software Controlled	[ ]	G.P. Computer	[ ]
Fault Detection	[ ]	Hardware Controlled	[ ]	Microprocessor	[ ]
Fault Isolation	[ ]	Manual	[ ]	Hardwire Controller	[ ]
None	[ ]	Combination	[ ]	Panel Meters	[ ]
DIAGNOSTIC LEVEL		**REPLACEMENT LEVEL**		**TYPE COOLING**	
Equipment	[ ]	Equipment	[ ]	Ambient Air	[ ]
Unit	[ ]	Unit	[ ]	Forced Air	[ ]
Assy	[ ]	Assy	[ ]	Liquid	[ ]
Part	[ ]	Part	[ ]	Other	[ ]

COMPLEXITY/CRITICALITY

MISSION CRITICALITY		ITEM COMPLEXITY		ACTIVE ELEMENT COUNT	
High	[ ]	No of Parts	_____	Tubes	_____
Medium	[ ]	No Part Types	_____	Discrete Semis	_____
Low	[ ]	No Active Elements	_____	Hybrid ICs	_____
				Monolithic Linear	_____
				SSI/MSI Digital IC	_____
				LSI ICs	_____
				Microprocessors	_____

REMARKS [ ]

_____

_____

_____

(one per equipment)

TECHNICAL CHANGE SUMMARY FORM

Name _____

Contract Number _____

Data Level:

SYSTEM _____

SUBSYSTEM _____

SET _____

FUNCTIONAL GROUP _____

UNIT/COMPONENT _____

LEVEL 1 _____

LEVEL 2 _____

LEVEL 3 _____

SEQ NUMBER _____

ZIP _____

DAN _____

Change Data:

FIELD _____

NEW VALUE _____

CHANGE DATE _____ M / Y

ECO/ECN NUMBER _____

(one per equipment per change)

FINANCIAL AND SUPPORT DATA SUMMARY FORM

Nomenclature _____

Identification No. _____ Contract No. _____

Source Document Acces. No. _____ _____ _____ _____

ACQUISITION COST	ESTIMATED/PROPOSED	ACTUALS
R&D cost		
Test & Evaluation Cost		
Non-Recurring Production Cost		
Recurring Production Cost		
Quantity Procurred		

ACQUISITION FACTORS (Subsume)

_____

_____

_____

SUPPORT COST	LCC MODEL INPUTS	ACTUALS
Initial and Pipeline Spares		
Replacement Spares		
On-Equipment Maintenance		
Off-Equipment Maintenance		
Inventory Entry and Supply Management		
Support Equipment		
Personnel Training and Training Equipment		
Technical Data and Documentation		
Logistics Management		

SUPPORT FACTORS

APPLICABLE MAINTENANCE & ECHELONS		SKILL LEVEL	NO. OF PERSONNEL	LOWEST LRU/SRU SPARING
Organization (Field)	☐			☐
Intermediate (Shop)	☐			☐
Depot/Plant	☐			☐

LRU/SRU REPAIR STRATEGY		SITE MAINTENANCE LEVEL	
Throw Away	☐	LRU	☐
Intermediate Repair	☐	SRU	☐
Depot Repair	☐	Part	☐

(one per equipment)

R&M PROGRAM EFFECTIVENESS FORM

	WEIGHT	SOURCE
1. Were all of the original R/M program requirements completed in their entirety?	_____	_____
2. Were some R/M items subsequently eliminated or reduced due to dollar or schedule constraints? If so, which ones, and why?	_____	_____
3. As the program progressed did the attention to the R/M requirements increase, decrease, or stay the same?	_____	_____
4. Did significant management changes or organizational changes occur during the program affecting either the contractor or the procuring agency?	_____	_____
5. If so, did this change the attitude of either or both regarding the R/M requirements?	_____	_____
6. Were there major program changes in the course of the program such as a significant reduction in the number of items to be procured, program stretch-outs, mission definition changes, etc.?	_____	_____
7. How did these program changes affect the R/M requirements?	_____	_____
8. Did major ECPs/design changes occur as a result of R/M deficiencies uncovered during: a. manufacturing b. contractor's tests c. demonstration tests d. field deployment	_____	_____
9. Were there major problem areas uncovered during the PDR/CDR?	_____	_____
10. If so, were these resolved in a timely manner to the satisfaction of both the contractor and the procuring agency?	_____	_____
11. Did significant cost overruns occur on the program? To what were these attributed?	_____	_____
12. Were R/M deficiencies significant contributors to any cost overruns?	_____	_____
	100	

High R&M Program Effectivity >90
Medium R&M Program Effectivity 50 - 90
Low R&M Program Effectivity <50

(one per equipment)

RELIABILITY DATA SUMMARY FORM

ITEM DESCRIPTION:

Name _____

Type _____ WUC _____

Contract No. _____

Period Covered _____ to _____

Data Date _____ Document Access. No. _____

Used on/Higher Assy

Name _____

Type _____ WUC _____

Data Level

System [ ]
Subsystem [ ]
Set [ ]
Functional Group [ ]
Unit/Component [ ]

R Numeric _____ hrs

RELIABILITY PARAMETER

Series/Logistics MTBF [ ]
Functional MTBF [ ]

PROGRAM PHASE

Development [ ]
Production [ ]
Operational [ ]

FAILURE DATA

Relevant Failures _____
Non Relevant Failures _____
Operating Hours _____
Non Operating Hours _____

DATA SOURCE

Contract/Spec. Req't [ ]
Allocation [ ]
Analysis/Prediction [ ]
Demon. Test Report [ ]
Production Verify [ ]
SEDS/Operate Time [ ]
66-1/Flight Time [ ]
66-1/Operate Time [ ]
Other (explain) [ ]

ENVIRONMENT

Grd Benign [ ]
Space Flight [ ]
Grd Fixed [ ]
Grd Mobile [ ]
Naval Sheltered [ ]
Naval Unsheltered [ ]
Airborne Inhabited [ ]
Airborne Uninhabited [ ]
Missile Launch [ ]

FAILURE MODE DATA

Mode	Qty
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

REMARKS [ ]

_____

_____

_____

_____

_____

_____

(one per equipment per test)

CONTRACT

Y 1 3 19

EQUIPMENT TYPE SEQ NO

21 40 42 44

	FAIL NO	RCV FLF	ETI (HRS)	QTY	FAILURE HISTORY
Z	1 3 7	9 11 12 16		18 19	21 36
	37 72				
	1 36				
	37 72				
Z	1 3 7	9 11 12 16		18 19	21 36
	37 72				
	1 36				
	37 72				
Z	1 3 7	9 11 12 16		18 19	21 36
	37 72				
	1 36				
	37 72				
Z	1 3 7	9 11 12 16		18 19	21 36
	37 72				
	1 36				
	37 72				

(one per equipment per test)

MAINTAINABILITY SUMMARY

ITEM DESCRIPTION:

Name _____

Type _____ WUC _____

Data Level

System [ ]

Subsystem [ ]

Set [ ]

Functional Group [ ]

Unit/Component [ ]

Contract No. _____

Period Covered _____ to _____

Data Date _____ Document Access. No. _____

Used on/Higher Assy

Name _____

Type _____ WUC _____

M Numeric _____ Based on _____ Samples

PROGRAM PHASE

Development [ ]

Production [ ]

Operational [ ]

DATA TYPE

Specified/Apportion [ ]

Predicted [ ]

Demonstrated [ ]

Flight/Field Test [ ]

Operational [ ]

MAINTAINABILITY PARAMETER

	Organ.	Inter.
MTTR	[ ]	[ ]
M_{CT}	[ ]	[ ]
M_{Max}(95%)	[ ]	[ ]
M_{Max}(90%)	[ ]	[ ]
M_{PT}		[ ]
MMH/FH/Operate Hr		[ ]
Mean Down Time		[ ]
BIT Effectiveness		[ ]

BIT EFFECTIVENESS

	On Line/Automatic	Off Line/Initiated
FAULT DETECTION		
Capability	_____ %	_____ %
False Alarms	_____ %	_____ %
FAULT ISOLATION		
to (1) LRU/SRU	_____ %	_____ %
to _____ or less LRU/SRUs	_____ %	_____ %

REMARKS [ ]

_____

_____

_____

_____

(one per equipment per test)

Pg ___

MAINTAINABILITY RAW DATA SUMMARY FORM

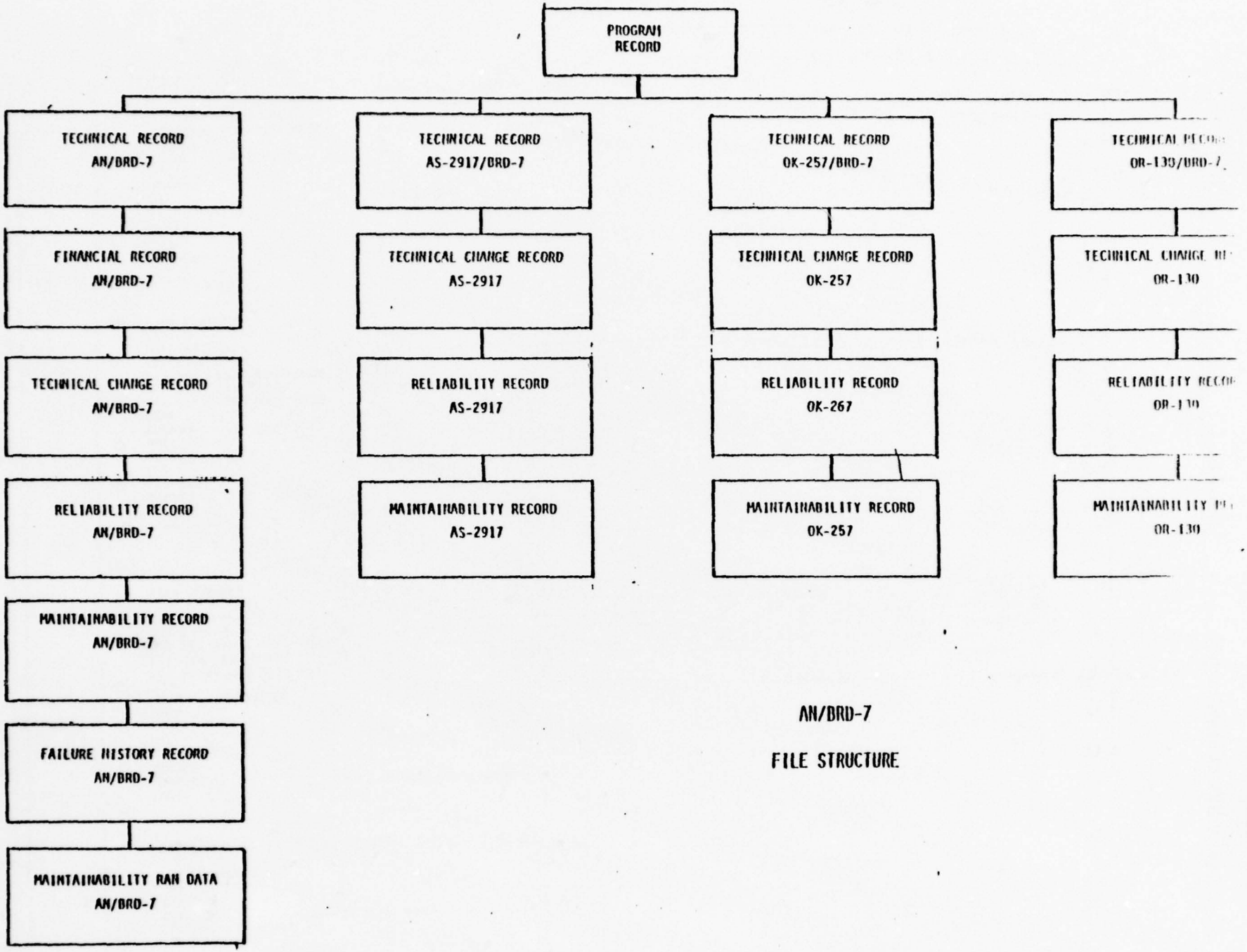
Contract Number _____ Main Seq No. _____

Equipment Type _____ No. Men in Crew _____

Time Record In _____

Fail No.	Qty	Total Time	Local. or Diag.	ISOL	Disassy	Repair or Interchange	Reassy	Elect Align	Ckt Ou or Verif

(one per equipment per test)



AN/BRD-7

FILE STRUCTURE

(14) ALT CODE 131
(15) ORG INT DEPOT
(16) MCNCPT MISS-CRITIC 4143 1
(17) COMPLEXITY
(18) ACT ELEMENT CNT
(19) REMARKS

RELIABILITY RECORD (EXAMPLE)

TYPE	L
CONT #	N00039-72-C-1050
SYSTEM	
SUB-SYSTEM	
SET	AN/BRD-7
GROUP	
UNIT	
SEQNO FAILNO	001
PROP	2 ← INDICATES 'COMPANY IMPOSED PROPRIETY
(4) START END DATA DATE	01/75
(5) DAN (6) R-NUM	11403 000500 ← IN HOURS
(7) REL-PARAM PROG-PHSE	1 1 ← DEVELOPMENT PHASE
(8) FAIL-DATA	F ← SERIES/LOGISTIC MTBF
(9) AVAIL-PS	4 ← R-NUM IS THE SPECIFIED VALUE
(10) D-SRC ENV	01 06 ← NAVAL SHELTERED ENVIRONMENT
(11) REMARKS	R-NUM AT LOWER 43% CONFIDENCE LEVEL. ← R-NUM IS SPECIFIED AT THIS LEVEL

TYPE	L
CONT #	N00039-72-C-1050
SYSTEM	
SUB-SYSTEM	
SET	AN/BRD-7
GROUP	
UNIT	
SEQNO FAILNO	002
PROP	2
(4) START END DATA DATE	12/73
(5) DAN (6) R-NUM	11403 000430 Hours ←
(7) REL-PARAM PROG-PHSE	1 1
(8) FAIL-DATA	
(9) AVAIL-PS	4
(10) D-SRC ENV	03 06 ← R-NUM IS PREDICTED VALUE (MTBF)
(11) REMARKS	

TYPE	L
CONT #	N00039-72-C-1050
SYSTEM	
SUB-SYSTEM	
SET	AN/BRD-7
GROUP	
UNIT	
SEQNO FAILNO	003
PROP	2
(4) START END DATA DATE	01/74 12/74 01/75
(5) DAN (6) R-NUM	11403 000572 Hours ← DEMONSTRATED R-NUMERIC (MTBF)
(7) REL-PARAM PROG-PHSE	1 1
(8) FAIL-DATA	014 056 001032 000161 0003 ← NO. OF RELEVANT FAILURES; NO. OF NON-RELEVANT FAILURES; NO. OF EQUIPMENTS TESTED; NON-OPERATING HOURS; OPERATING HOURS
(9) AVAIL-PS	4
(10) D-SRC ENV	01 06

SYSTEM	
SUB-SYSTEM	
SET	AN/BRD-7
GROUP	
UNIT	
SEQNO FAILNO	003
PROP	2
(4) START END D.DATE	01/75
(5) DAR (6) M-NUM BON	11403 0300 ← M-Numeric is 300 HRS
(7) P-PH DTYPE M-PAR	1 1 13 ← INDICATES THAT M-Numeric is M
(8) FLT DETECT	INDICATES THAT M-Numeric
(9) FLT ISO	
(10) REMARKS	MEAN TIME BETWEEN PREVENTATIVE MAINTENANCE ACTION (MINIMUM) IS the specified value

TYPE	P
CONT #	N00039-72-C-1050
SYSTEM	
SUB-SYSTEM	
SET	AN/BRD-7
GROUP	
UNIT	
SEQNO FAILNO	004
PROP	2
(4) START END D.DATE	01/74 03/75 05/75 ← Testing period
(5) DAR (6) M-NUM BON	12270 04.0 062 ← Number of repair actions
(7) P-PH DTYPE M-PAR	1 3 18 ← M-Numeric in Hours
(8) FLT DETECT	INDICATES THAT value was demonstrated during a test
(9) FLT ISO	INDICATES M-Numeric is ORGANIZATIONAL MTTR
(10) REMARKS	DIAGNOSTIC & REPLACE TIME (UNIT/COMPONENT) DURING INTEGRATION TEST. SYS ← Qualifies MTTR A27-40. FAIL NO. SAME AS FAIL HISTORY FILE.

We also have provisions to store the raw data using the same Fail-No as the failure history file allows us to tie the maintenance times with specific failure events

TYPE	P
CONT #	N00039-72-C-1050
SYSTEM	
SUB-SYSTEM	
SET	AN/BRD-7
GROUP	
UNIT	
SEQNO FAILNO	005
PROP	2
(4) START END D.DATE	02/74 02/75 05/75
(5) DAR (6) M-NUM BON	12270 03.9 015
(7) P-PH DTYPE M-PAR	1 3 18
(8) FLT DETECT	
(9) FLT ISO	
(10) REMARKS	DIAGNOSTIC & REPLACE TIME (UNIT/COMPONENT LEVEL) DURING QC TEST. SYS A27 -40. FAIL NO. SAME AS FAIL HISTORY FILE.

TYPE	P
CONT #	N00039-72-C-1050
SYSTEM	
SUB-SYSTEM	
SET	AN/BRD-7
GROUP	
UNIT	
SEQNO FAILNO	006
PROP	2

FAILURE HISTORY RECORD (EXAMPLE)

CONTRACT NUMBER: N00039-72-C-1050
SET NOMENCLATURE: AN/BRD-7
SEQUENCE NUMBER: 004 ← INDICATES INTEGRATION TEST

FAILURE REPORT NUMBER 4-1
FAIL RPT NO SUFFIX
REASON FOR FAILURE D ← MFR. WORKMANSHIP DEFICIENCY
CRITICALITY LEVEL A ← RELEVANT FAILURE
VERIFICATION A ← VERIFIED
ETI READING 00147 Hours
NO. OF LIKE FAILURES 1
SET SERIAL NUMBER A4
CKT REF. DESIGNATOR 2A4TB1
FAILURE HISTORY
WIRING ERROR 2A4TB1 A4

FAILURE REPORT NUMBER 4-2
FAIL RPT NO SUFFIX
REASON FOR FAILURE C ← DESIGN DEFICIENCY
CRITICALITY LEVEL A
VERIFICATION A
ETI READING 00147
NO. OF LIKE FAILURES 1
SET SERIAL NUMBER A4
CKT REF DESIGNATOR 3A4A7A1
FAILURE HISTORY
INCORRECT LOCK LOOP. ADD 6DB PAD TO 3A1.3A4A7A1R1-R3.A4.

RELEVANT/CORRECTED (R/C).ECO 58158

FAILURE REPORT NUMBER 4-3
FAIL RPT NO SUFFIX
REASON FOR FAILURE A ← PERSONNEL INDUCED
CRITICALITY LEVEL B ← NON-RELEVANT
VERIFICATION A
ETI READING 00147
NO. OF LIKE FAILURES 1
SET SERIAL NUMBER A4
CKT REF DESIGNATOR 3A1J2
FAILURE HISTORY
SYSTEM NOT INDICATION. R/R 3A1J2 PIN N SHORTED. A4

FAILURE REPORT NUMBER 4-4

FAIL RPT NO SUFFIX
REASON FOR FAILURE D

TITLE: C-ML-AF

AGENCY: Defense Logistics Services Center
Attn: DLSA-APPC
Federal Center
Battle Creek, Michigan 49016

CONTACT:

DESCRIPTION: Air Force "Management Data List" provides management and ordering information. Updated quarterly and issued in microfiche format. Includes manufacturers, acquisition information, and unit price keyed by NSN.

INFORMATION SOURCE: Information supplied by all branches of the armed forces.

FORMAT: Included here are a few lines typical of the C-ML-AF.
Refer to next page.

REMARKS: None

EXTRACTED FROM THE C-ML-AF

ACT	NSN	SOS	AAC	QUP	UI	Unit Price	SLC	SEC	RC	MCD-AF			DML	Item Name	PC	Phrase Statement
										Fund Code	Budg. Code	MMAC				
	5950-00-001-2620	PLZ	D	1	EA	284.19	0	U	N		1	AY	B	Transformer, Electri		

Where the columns are defined below

ACT - Public Action Code
NSN - National Stock Number
SOS - Source of Supply Code
AAC - Acquisition Advice Code
UI - Unit of Issue
SLC - Shelf Life Code
RC - Repairability Code
MCD-AF - Management Control Data-AF
Budg. Code - Budget Code
MMAC - Material Management Aggregate Code
DML - Demilitarization Code
PC - Phrase Code

TITLE: C-RL-1

AGENCY: Defense Logistics Services Center
Attn: DLSA-APPC
Federal Center
Battle Creek, Michigan 49016

CONTACT:

DESCRIPTION: "Manufacturer's Part Number to NSN". Cross References manufacturer's part no. to NSN, also includes manufacturer. Updated semi-annually. DoD product, distributed on microfiche. Includes most items connected with aircraft, ships, vehicles, or support equipment. The C-RL-1 is distributed periodically in microfiche form.

INFORMATION SOURCE: Information supplied by all branches of the aremd forces.

FORMAT: Included here a few lines typical of the C-RL-1, Refer to next page.

REMARKS: Nomenclatures are recorded as a small subset of the part numbers.

Extracted from the C-RL-1

REF. No.	FSCM	RNVC	NSN
AB609B	24123	2	4130-00-461-3891
AB622	12204	2	3120-00-287-6901
AB622	70417	2	3120-00-287-6901

Where the columns are defined below.

Referece Number can be: Manufacturer's Part No.
Drawing No.
Model No.
Type No.
Source Controlling No.
Specification Controlling No.
Manufacturer's Trade Name
Specification or Standard Part,
Drawing, or Type No.

FSCM: Federal Supply Code for manufacturers as listed in the H-4 Series Cataloging books.

RNVC: Reference Number Variation Code

Code 1 - Non-Identifying
2 - Identifying
3 - Reparable Source Control
9 - Reference number has been superseded, cancelled, or is obselete or discontinued

Alphabetic - Letter for agency if no direct relationship

NSN: National Stock Number, composed of applicable four-digit Federal Supply Class (FSC) Code and the nine-digit National Item Identification Number (NIIN).

APPENDIX B

CODING TABLES

This appendix contains the coding tables that were used in mechanizing the APB, and which we also propose to use in the AHD. These tables are as follows:

Table B-1:	Aircraft Codes by MDS
Table B-2:	Codes for Aircraft Classes (Group)
Table B-3:	Codes for Equipment Classes (Groups)
Tables B-4 - B-16:	Codes for Equipment Functions (Types)
Tables B-17 - B-29:	Codes for Equipment Nomenclature

TABLE B-1. AIRCRAFT CODES BY MDS

Code	Aircraft	Code	Aircraft
1	A-7D	49	EB-57B
2	A-10A	50	Not Used
3	A/OA-37B	51	Not Used
4	AC-130A	52	EC-135B
5	O-2A	53	EC-130E
6	OV-10A	54	EC-135A
7	O-2B	55	EC-135N
8	AC-130H	56	EF-111A
9	A-7K	57	EC-135C
10	B-1	58	EC-135G
11	B-52D	59	F-105G
12	B-52G	60	F-105F
13	B-52H	61	F-105D
14	B-57C	62	F-4C
15	FB-111A	63	F-4D
16	Not Used	64	F-4E
17	NMB	65	F-4G
18	C-140 B	66	F-5B
19	VC-9C	67	Not Used
20	C-5A/B	68	F-16A
21	VC-6A	69	Not Used
22	C-7A	70	F-101B
23	C-9A	71	Not Used
24	C-12A	72	F-105B
25	Not Used	73	F-106A
26	Not Used	74	F-111A
27	MC-130E	75	F-111D
28	C-123K	76	F-111E
29	C-130A	77	F-111F
30	C-130B	78	F-15 Intercept
31	C-130D	79	EC-135P
32	C-130E	80	Not Used
33	C-130H	81	Not Used
34	HC-130H	82	HH-1H
35	VC/C-131B	83	TH/UH-1F
36	NC/C-131H	84	CH-3E
37	C/NC-135A	85	HH-53B
38	C-135B/C	86	HARV
39	KC-135A	87	Not Used
40	VC-137B/C	88	Not Used
41	C-140A	89	DC-130H
42	YC-141B	90	Not Used
43	EC-135H	91	RC/135A/D/M/S/T/U/V
44	EC-135J	92	RF-4C
45	EC-135K	93	Not Used
46	EC-135L	94	SR-71A/B
47	E-3A	95	WC-130E
48	E-4A/B	96	WC-135B

(continued)

TABLE B-1. (continued)

Code	Aircraft	Code	Aircraft
97	Not Used	145	HH-X
98	CT-39A/F	146	RC-X
99	T-33A	147	ARPV
100	T-37B	148	TR-1
101	T-38A	149	T-38B
102	T-39A/B/F	150	F-101F
103	T-41C	151	UH-1N
104	T-43A	152	UH-1P
105	Not Used	153	F-16B
106	U-2	154	HH-53C
107	Not Used	155	CH-53C
108	UV-18B	156	C/NC-141A
109	AC-X	157	KC-135Q
110	Not Used	158	MC-130H
111	Not Used	159	UH-X
112	K-10A	160	HH-53H
113	Not Used		
114	AV-X		
115	FAC-X		
116	Not Used		
117	RF-X		
118	BGM-34C		
119	Not Used		
120	CMC		
121	Not Used		
122	Not Used		
123	Not Used		
124	Not Used		
125	Not Used		
126	Not Used		
127	Not Used		
128	ATRS		
129	Not Used		
130	F-5E		
131	F-5F		
132	F-15A		
133	F-15B		
134	F-15C		
135	F-15D		
136	HC-130N		
137	HC-130P		
138	VC/C-131D		
139	VC/C-131E		
140	F-106B		
141	AQM-34L		
142	AQM-34M		
143	AQM-34V		
144	HH-3E		

TABLE B-2. CODES FOR AIRCRAFT CLASSES (GROUPS)	
Code	Aircraft Type
0	ATTACK/FAC
1	BOMBER
2	CARGO/TANKER
3	ELECTRONIC
4	FIGHTER
5	HELICOPTER
6	RECONNAISSANCE
7	TRAINER
8	UTILITY
9	REMOTELY-PILOTED VEHICLES

TABLE B-3. CODES FOR EQUIPMENT CLASSES (GROUPS)	
Code	Equipment Group
01	C COMMUNICATION
02	N NAVIGATION
03	NWD NAV/WEAPONS DEL
04	WD WEAPONS DELIVERY
05	ID IDENTIFICATION
06	IN INSTRUMENTATION
07	EW ELECT. WARFARE
08	R RECONNAISSANCE
09	M MISSION EQUIPMENT
10	FL FLIGHT CONTROLS
11	EN ENGINE CONTROLS
12	EL POWER DISTRIBUTION
13	MS MISCELLANEOUS
14-99	NOT USED

TABLE B-4. COMMUNICATION EQUIPMENT

Code	Equipment Type	Code	Equipment Type
1	Not used	49	ECCM
2	Not used	50	MEECN
3	MODEM	51	IFF/SIF
4	Audio System	52	INTEGRATED CONTROLS
5	AUTODIN	53	INT. COMM. PROCESSOR
6	BACK-UP DATA LINK	54	SEC. DIG. DATA SYS.
7	CABIN ADDRESS	55	SWITCHBOARD
8	COMM. CONSOLE SYSTEM	56	Not used
9	COMMUNICATION SET	57	Not used
10	CREW INTERCOMM	58	Not used
11	CRYPTO	59	Not used
12	CW/FM DATA LINK	60	POWER AMPLIFIER
13	ELECT. KEY GEN.		
14	EMERGENCY RADIO		
15	EMERG. RADIO TRANS.		
16	EMERGENCY UHF		
17	FM RADIO TELEPHONE		
18	INT. ELECT. CENTRAL		
19	HF RADIO		
20	HF-SSB RADIO		
21	INTERCOM		
22	LF RADIO		
23	LOUDHAILER SET		
24	MODULAR COMMAND RADIO		
25	NOISE MOD.		
26	P.A. SYSTEM		
27	PASSENGER INTERCOMM		
28	RADIO FILTER		
29	SAT. TERMINAL		
30	SECURE INTERCOMM		
31	SECURE VOICE		
32	SHF SATCOMTERM		
33	TADIL A		
34	TADIL C		
35	TELEPRINTER		
36	TELETYPE ADAPTER		
37	TRANSPONDER		
38	TYPEWRITER		
39	UHF RADIO		
40	UHF AUX. RECEIVER		
41	UHF BACK-UP		
42	UHF MULTIPLEXER		
43	VHF-AM RADIO		
44	VHF-FM RADIO		
45	VHF-AM/FM RADIO		
46	VLF RADIO		
47	VLF/LF RADIO		
48	TAC SECURE VOICE		

TABLE B-5. NAVIGATION EQUIPMENT

Code	Equipment Type	Code	Equipment Type
1	NOT USED	49	MULTIPLE DRONE CONTROL
2	LARA	50	NAV. COMPUTER
3	ATC TRANSPONDER	51	NAV. DATA ENTRY PANEL
4	AHRS	52	NAV. DATA DISPLAY PANEL
5	ABN INTERROGATOR	53	NAV. DISPLAY UNIT
6	ABN PROFILE RECORDER	54	NAV. RADAR
7	AUT. DIR. FINDER	55	OMEGA
8	AERIAL TRACK SYSTEM	56	RADAR ALTIMETER
9	AHRU	57	NOT USED
10	AIMS CADC.	58	RADAR BEACON
11	ALS/MLS	59	RADAR INDICATOR
12	ALS/DME	60	RADAR TRANSPONDER
13	ALTIMETER	61	RADIO BEACON SET
14	ASTRO COMPASS	62	RADIO COMPASS
15	AWADS RADAR	63	RECORDER
16	CADC	64	RENDEZVOUS BEACON
17	COMPARATOR WARNING SYS.	65	SEARCH & WEATHER RADAR
18	COMPASS	66	SEARCH RADAR
19	DF	67	SHORAN
20	DME	68	SIDS
21	DOPPLER	69	SKE
22	DOPPLER COMPUTER	70	SPN
23	DOPPLER DRIFT SYSTEM	71	STRAIGHT LINE INDICATOR
24	DOPPLER RADAR	72	TACAN
25	DR CAPABILITY	73	TALAR
26	DR COMPUTER	74	TELEVISION CAMERA
27	DRIFT METER	75	TFR
28	EVS	76	UHF-DF
29	FLIR	77	VHF-DF
30	FLIGHT DIRECTOR COMP.	78	VHF NAV. SYSTEM
31	FLR	79	VOR
32	FM HOMING SYSTEM	80	VOR/LOC
33	GAVRS SYSTEM	81	VOR/ILS
34	GLIDESLOPE	82	WAVE METER
35	GLIDESLOPE/MARKER BEACON	83	WEATHER RADAR
36	GROUND POSITION IND.	84	X-BAND BEACON
37	GPS	85	X-BAND INTERROGATOR
38	GYRO PLATFORM	86	BEACON AIDED RADAR
39	ILS	87	DIGITAL BNS/INS
40	INERTIAL	88	NOT USED
41	INS	89	NOT USED
42	JTIDS	90	PAVE PHANTOM
43	LF-ADF/AP	91	NAV. REC. UNIT
44	LORAN	92	COMM/NAV
45	NOT USED	93	NAV SYSTEM
46	MAP RADAR	94	INTERFACE CONTROLS
47	MARKER BEACON	95	X-BAND TRANS. ASSY.
48	MULTIMODE RADAR	96	RADAR ALT. WARN. SET

(continued)

TABLE B-5. (continued)

Code	Equipment Type	Code	Equipment Type
97	IMP. NAV. SYS.		
98	DIGITAL ADC		
99	DATA LINK		

TABLE B-6. NWD EQUIPMENT

Code	Equipment Type	Code	Equipment Type
1	NOT USED	49	WEAPON RELEASE COMPUTER
2	NOT USED	50	AIMS CADC
3	HOBS	51	NOT USED
4	BEACON BOMB	52	NOT USED
5	ACUC	53	NOT USED
6	AIR SEARCH RADAR	54	SCAN CONVERTER DISPL. SYS
7	AIM-9 GUID. COMPUTER	55	IMP AIR-TO-AIR MISSILE
8	AIM-9 MISSILE SYSTEM	56	AND COMP OPTIC SIGHT
9	ATTACK RADAR	57	GUIDED MUNITIONS
10	ATT. REF. BOMB. COMPUTER	58	MULTI AIM PTS
11	AUTO. ASTRO COMPASS	59	HORIZONTAL SITUATION DIS
12	AUTO. GUN		
13	BOMB-NAV. SYSTEM		
14	CENTRAL COMPUTER		
15	COMBAT DOCUM. SYSTEM		
16	COMPASS SYSTEM		
17	COMPUTER CONTROL UNIT		
18	EO DISPLAY		
19	FIRE CONTROL RADAR		
20	FIRE CONTROL SYSTEM		
21	FLR		
22	GEN. PUR. COMP.		
23	GUN CAMERA		
24	HSI		
25	HUD		
26	INT. DISPLAY SET		
27	LEAD COMPUTING SIGHT		
28	LGB SYSTEM		
29	LOW ALTITUDE BOMB SYS.		
30	MAP DISPLAY		
31	MISSILE GUID. TRANSMITTER		
32	MULTIPLEXER CONV. UNIT		
33	NAV. DISPLAY UNIT		
34	OPTICAL DISPLAY SIGHT		
35	OPTICAL GUNSIGHT		
36	RADAR ALTIMETER		
37	RADAR SET		
38	RADAR/EO DISPLAY SET		
39	SIGHT ASSEMBLY		
40	SIGNAL CONVERTER UNIT		
41	SURFACE MAP RADAR		
42	TACTICAL COMPUTER		
43	TARGET ACQ. RADAR		
44	TARGET DESIGNATOR POD		
45	TARGET DESIGNATOR SET		
46	TFR		
47	WEAPONS BAY GUN SYSTER		
48	WEAPONS CONTROL SYSTEM		

TABLE B-7. WD EQUIPMENT

Code	Equipment Type	Code	Equipment Type
1	NOT USED		
2	NOT USED		
3	NOT USED		
4	TV MONITOR		
5	3L TELEVISION		
6	ABN ILLUMINATOR		
7	ADS		
8	ARMAMENT CONTROL SYSTEM		
9	ARMING CONTROL		
10	ATT. REF. SYSTEM		
11	BEACON TRACKING RADAR		
12	FIRE CONTROL SYSTEM		
13	FIRE CONTROL COMPUTER		
14	FIRE CONTROL DISPLAY		
15	FIRE CONTROL RADAR SYS		
16	GUN BOMB ROCKET SIGHT SYS		
17	INT. ELECT. CENTRAL		
18	IR DETECTOR		
19	LASER ILLUMINATOR		
20	LASER TARGET DESIGNATOR		
21	LASER TARGET DES./RANGER		
22	LASER TRACKER		
23	LCOSS		
24	LEAD COMP. GYRO		
25	MISSILE SYSTEM		
26	OPTICAL GUNSIGHT		
27	RADAR		
28	SEARCHLIGHT		
29	SENSOR ANGLE DISPLAY		
30	SLAVE SWITCH UNIT		
31	STABILIZED TRACKING SET		
32	STORE MANAGEMENT SET		
33	TELEPRINTER		
34	TRAINABLE GUN SYSTEM		
35	VIDEO RECORDER		
36	WEAPONS DEL. VISUAL SIM.		
37	AWADS RADAR		
38	FLIR		
39	TFR		
40	SIX SHOOTER SIGHT		
41	SIX SHOOTER COMPATIBILITY		
42	SIX SHOOTER ODU RELOCATE		
43	SIX SHOOTER GUN & SIGHT		
44	DATA LINK		
45	MAVERICK		
46	LASER		

TABLE B-8. ID EQUIPMENT			
Code	Equipment Type	Code	Equipment Type
1	Not used		
2	Not used		
3	Not used		
4	Not used		
5	ALTITUDE ENCODER		
6	BEACON (D-BAND)		
7	BEACON (G-BAND)		
8	BEACON (LOCATOR)		
9	BEACON TRANSPONDER		
10	BEACON VIDEO PROC.		
11	IFF		
12	IFF A/G		
13	IFF CRYPTO COMPUTER/SET		
14	IFF INTERROGATOR		
15	IFF TRANSPONDER		
16	RADAR BEACON		
17	RADAR TRANSPONDER		
18	SIF VIDEO CODER		
19	X-BAND BEACON		
20	IFF INTERROGATION COMP.		
21	IFF/SIF		
22	MARK XII IFF		
23	IMP. AIM-9E/J		
24	TISEO		
25	AIM-7F INTERFACE		
26	RADAR SUBSYS.		

TABLE B-9. IN EQUIPMENT			
Code	Equipment Type	Code	Equipment Type
1	Not used		
2	DIGITAL SCAN CONVTR.		
3	ALTITUDE WARNING SYS.		
4	CTVS/AVTR		
5	AAVR SYSTEM		
6	ACCEL. COUNTER SET		
7	AFRS		
8	AHRS		
9	Not used		
10	AIR DATA SYSTEM		
11	ALTIMETER		
12	ALTITUDE GYRO		
13	AOA TRANSMITTER		
14	ATTITUDE REFERENCE		
15	BDHI		
16	CADC		
17	COMPASS		
18	COMPASS SYSTEM		
19	ELECTRONIC COMPASS		
20	EMAC (FUEL)		
21	FLT. DIR. SYSTEM		
22	FLT. RECORDER		
23	FUEL FLOW IND.		
24	HAMS		
25	HEADING REFERENCE		
26	HSI		
27	INDICATOR SET		
28	SIGNAL DATA RECORDER		
29	STANDBY ATT. IND.		
30	STANDBY ATT. SYS.		
31	VSD		
32	VSI		
33	WT. DIST. & BAL. SYS.		
34	Not used		
35	CABIN PRESS. ALT.		
36	ACFT INSTMTN		
37	CITS		
38	ATT. IND. FAIL. WRNG. SYS.		
39	CONT. IND. PROG.		

TABLE B-10. EW EQUIPMENT			
Code	Equipment Type	Code	Equipment Type
1	NOT USED		
2	NOT USED		
3	CM DISPENSER SYS. (CDS)		
4	COMPASS TIE		
5	CHAFF DISPENSER		
6	DECEPTIVE REPEATER		
7	DIRECTION FINDER		
8	DESPENSER		
9	ECM		
10	ECM POD		
11	ECM POD CONTROL PANEL		
12	ECM RECEIVER		
13	ECM TRANSMITTER		
14	EWWS		
15	FLARE/CHAFF DISP.		
16	FLARE DISPENSER/EJECTOR		
17	INT. ECM JAMMING SUBSYS.		
18	INTERFERENCE BLANKER		
19	ICM SET		
20	JAMMING TRANSMITTER		
21	MODULATOR		
22	RADAR PANORAMIC RECEIVER		
23	RADAR RECEIVER		
24	RADAR WARNING SYS.		
25	REPEATER		
26	RFS/ECMS		
27	RHAW		
28	RWR		
29	TRANSCEIVER		
30	TTWS/RWR		
31	IRCM		
32	TALON		
33	ICS		
34	IFR CAPABILITY		
35	IECM		
36	NOT USED		
37	WILD WEASEL		
38	TAC JAMMING SYS.		
39	IMP IR SYS. ADD-5		
40	PLUS W/W EQUIPMENT		
41	ECM CHAFF		
42	AEW ECM		

TABLE B-11. R EQUIPMENT

Code	Equipment Type	Code	Equipment Type
1	NOT USED		
2	NOT USED		
3	AUTO. DATA PROC. SYSTEM		
4	BOMB-NAV.-REC. CAMERA		
5	CAMERA		
6	CAMERA COMPONENTS		
7	CAMERA MOUNT STABILIZER		
8	CAMERA PARAMETER CONTROL		
9	CAMERA SYSTEM		
10	COMM. SYSTEM		
11	DATA DISPLAY SET		
12	FLT. LEVEL SENSING		
13	GUN CAMERA SYSTEM		
14	GUNSIGHT CAMERA		
15	INTERVALOMETER		
16	IR MAPPING SYSTEM		
17	MAPPING CAMERA		
18	MARK VI CAMERA		
19	MCCD		
20	NAV. COMPUTER SET		
21	PAN CAMERA, HI. ALT.		
22	PAN CAMERA, LO. ALT.		
23	PAPI SYSTEM		
24	PHOTO ADAPTER UNIT		
25	PHOTOFLASH DETECTOR		
26	PHOTOFLASH SYSTEM		
27	RADAR SCOPE RECORDER		
28	RECON. CAMERA		
29	RECORDING CAMERA		
30	STABILIZER MOUNT		
31	STILL CAMERA		
32	STRIKE CAMERA		
33	VERT. PROF. SENSING SYS.		
34	VIEWFINDER		
35	SLR		
36	TEREC		
37	Not used		
38	DOCUMENTATION CAMERA		

TABLE B-12. M EQUIPMENT			
Code	Equipment Type	Code	Equipment Type
1	NOT USED		
2	NOT USED		
3	NOT USED		
4	EGRESS		
5	AWACS AUX. DISPLAY		
6	AWACS MULTIPURPOSE CON.		
7	DATA ANAL. & PROG. GROUP		
8	LAUNCH CONTROL		
9	LLLTV SYSTEM		
10	MCGS		
11	METEOROLOGICAL SYSTEM		
12	RADAR		
13	RADAR HEIGHT FINDER		
14	SEARCH RADAR		
15	SECURE VOICE/ITT		
16	SURVEILLANCE RADAR		
17	WEATHER AVOID. RADAR		
18	PAVE PENNY		
19	PLSS		
20	IMC AERIAL DEL. SYS.		
21	AWADS RECDR		
22	JACC/CP		
23	RADAR QUICK LOOK		
24	MILLIMETER WAVE SEEKER		
25	ACOUSTIC/IR SEEKER		
26	TERMINAL IDENT. SEEKER		
27	RIVET BAT PHASE II		
28	PAVE LOW III		
29	SURVIVAL AVIONICS SYS.		
30	SAMPLING SYSTEM		
31	SAMPLING SYSTEM PRESS. PLAT.		
32	HYGROMETER SYSTEM		
33	RADIOSONDE DISPENSER SET		
34	DROPSONDE DATA RECORD SYS.		
35	PRECISION RADIATION THERMO.		
36	PAVE TACK		
37	PAVE SPIKE		

TABLE B-13. FL EQUIPMENT			
Code	Equipment Type	Code	Equipment Type
1	Not used		
2	Not used		
3	SIS		
4	AUTO MANUVR FLAP		
5	ACCELEROMETER		
6	ACTUATOR		
7	ANGLE OF ATTACK		
8	AUTO. FLIGHT CONTROL		
9	AUTO STAB. EQUIPMENT		
10	AUTO THROTTLE		
11	AUTO PILOT		
12	COMPUTER		
13	FEEL & TRIM ASSEMBLY		
14	FLIGHT CONTROL SYSTEM		
15	GO-AROUND ATTIT.		
16	PITCH CONTROL SYSTEM		
17	RECOVERY CONTROL		
18	SIKORSKY		
19	STALLIMETER		
20	RERT/SEP PITCH		
21	REFURB. FLT. SIMULATOR		
22	Not used		
23	Not used		

TABLE B-14. EN EQUIPMENT

Code	Equipment Type	Code	Equipment Type
1	Not used		
2	Not used		
3	Not used		
4	Not used		
5	THROTTLE POS. TRANSDUCER		
6	Not used		
7	Not used		
8	Not used		
9	Not used		

TABLE B-15. EL EQUIPMENT

Code	Equipment Type	Code	Equipment Type
1	Not used		
2	Not used		
3	Not used		
4	Not used		
5	AMUX		
6	BATTERY		
7	CONTROL BOX		
8	DISTRIBUTION BOX		
9	EMUX		
10	FIRE CONTROL SYS. PIS		
11	GENERATOR		
12	INVERTOR		
13	Not used		
14	Not used		
15	Not used		
16	Not used		

TABLE B-16. MISCELLANEOUS EQUIPMENT

Code	Equipment Type	Code	Equipment Type
1	Not used	49	MARK II COMP. SCRAMBLE
2	Not used	50	OAS CMI
3	Not used	51	QSR VTR
4	ACCELEROMETER	52	QSR COCKPIT CONTROLS
5	AIR DATA TRANSDUCER	53	AVIONICS
6	AIR REFUELING SYSTEM	54	ENCHANCED UPD-4
7	ATTITUDE ALERT SYSTEM	55	ECR
8	AUX. DATA ANNOTATION SYS.	56	PILOT VISUAL AUG. W/SYMBOL GEN.
9	COLLISION AVOID. SYSTEM		
10	CPI		
11	DISCHARGER(STATIC ELECTR.)		
12	DUAL CHANNEL RECORDER		
13	EMERGENCY BEACON		
14	EMERGENCY TRANSMITTER		
15	FLIGHT DATA RECORDER		
16	GPWS		
17	JTIDS		
18	LANDING GEAR POSITIONING		
19	MALFUNCTION ANAL. RECORDER		
20	MALFUNCTION ANAL. SYSTEM		
21	MALF. DET.&REC. SYSTEM		
22	PSYWAR SOUND SYSTEM		
23	RADAR PRESSURE		
24	RADIATION DETECTOR		
25	STALL WARNING		
26	SOUND RECORDER SET		
27	TAPE RECORDER		
28	TAPE REPRODUCER		
29	TELEVISION (COLOR)		
30	TEMP. PROBE		
31	TOW SYSTEM		
32	TOW TARGET SYSTEM		
33	VOICE RECORDER		
34	UNDERWATER DETECTOR		
35	INTEG. COMM. COMMD. PANEL		
36	CDR		
37	E-4A TO B MOD		
38	E-3 UPDATE		
39	E-3 ENHANCEMENTS		
40	PLANNING		
41	GND PROX. SYS.		
42	GRND WARNING SYSTEM		
43	AVIONICS IPIS		
44	ENGR. DIAGNOSTICS		
45	MULTI CHAN. RECDR.		
46	T-BIRD MOD		
47	LEAD IN FIGHTER		
48	LEAD IN TRAINING		

TABLE B-17. COMMUNICATIONS EQUIPMENT

Code	Equipment Nomenclature	Code	Equipment Nomenclature
1	WILCOX 807	49	ARC-90
2	346D-1	50	ARC-96
3	3468-3	51	ARC-102
4	356-C4	52	ARC-105
5	356-F3	53	ARC-109
6	36LCS(LBR)	54	ARC-112
7	4ET59BIO-27	55	ARC-114
8	515-I	56	ARC-115
9	618-M-1	57	ARC-116
10	618S-1MC	58	ARC-123
11	618T-1	59	ARC-131
12	618T-2	60	ARC-132
13	618T-3	61	ARC-133
14	618M2-D	62	ARC-139
15	NOT USED	63	ARC-146
16	635VI	64	ARC-154
17	718-U5	65	ARC-164
18	807A	66	ARC-166
19	807C	67	ARC-167
20	A-100	68	ARC-168
21	AAV-55	69	ARC-169
22	ACC-4	70	ARC-171
23	AEM-DE-1492C/MM2F	71	ARC-173
24	AFSATCOM	72	ARC-400
25	AIC-12	73	ARC-552
26	AIC-10	74	ARR-15A
27	AIC-13	75	ARR-69
28	AIC-14	76	ASC-12
29	AIC-18	77	ASC-18
30	AIC-23	78	ASQ-19A
31	AIC-25	79	ASQ-19B
32	AIC-26	80	ASQ-88
33	AIC-27	81	ASQ-107
34	AIC-20	82	AT-440
35	APW-26	83	AYC-1
36	ARA-60	84	BHC-205
37	ARC-3	85	C-1611
38	ARC-27	86	CDS-540
39	ARC-34	87	EG-40
40	ARC-44	88	G912
41	ARC-50	89	GABLES
42	ARC-51	90	GE-FM
43	ARC-58	91	HF-102
44	ARC-65	92	HF-103
45	ARC-70	93	HH-361CS
46	ARC-73	94	HHT-3103B-SP1
47	ARC-85	95	KY-8
48	ARC-89	96	KY-28

(continued)

TABLE B-17. (continued)

Code	Equipment Nomenclature	Code	Equipment Nomenclature
97	KY-58	145	ASQ-88B
98	KY-75	146	ASQ-108
99	LAC-ICS	147	ARR-61
100	LOCKHEED	148	ARC-39A
101	MD18SA/ARA-3	149	ARC-34B
102	MI-36A	150	ACC-1
103	MM21	151	ACC-2
104	MOTOROLA	152	ACC-3
105	MU-55	153	ACC-5
106	MU-58TS	154	ADC-101
107	RC-10	155	AIC-28
108	RT-10	156	ARA-64
109	T33BA71134A-SP7	157	ARC-34C
110	T33BAT	158	ARC-150
111	T-43	159	ARC-165
112	TR-4A	160	ATC-1
113	TT-76	161	AVS-101
114	UPQ-3C	162	DWX-9
115	URG-1	163	KG-40
116	URT-21	164	KW-7
117	URT-27	165	KWX-9
118	USC-28	166	KY-3
119	VHF-20A	167	KY-585
120	VHF-101	168	KY-606
121	VHF-103	169	TGC-29
122	ARC-186	170	TGC-14B
123	SINCGARS	171	UGC-129
124	SEEK TALK	172	KWX-11
125	ARC-56	173	KCC-6
126	HAVE QUICK	174	ARC-155
127	ARC-184	175	SEEK SILENCE
128	VHF-20B	176	APN-108
129	FM-622	177	ARC-XX
130	ARC-51BX	178	ARC-183
131	VHF-20H	179	ART-47
132	VH-251	180	ARR-71
133	PA-356F-3	181	NOT USED
134	DHC60206	182	NOT USED
135	MK-12A	183	NOT USED
136	ADS-321	184	NOT USED
137	ASQ-19	185	NOT USED
138	HF-101	186	NOT USED
139	ARC-113	187	NOT USED
140	UHF-101	188	NOT USED
141	AIC-2A	189	NOT USED
142	LTVR-6	190	NOT USED
143	ARC-120	191	NOT USED
144	ASQ-88A	192	NOT USED

(continued)

TABLE B-17. (continued)

Code	Equipment Nomenclature	Code	Equipment Nomenclature
193	NOT USED		
194	NOT USED		
195	NOT USED		
196	NOT USED		
197	NOT USED		
198	NOT USED		
199	NOT USED		
200	UPDATE		

TABLE B-18. NAVIGATION EQUIPMENT			
Code	Equipment Nomenclature	Code	Equipment Nomenclature
1	NOT USED	49	APN-12
2	MULTIPLEXER	50	APN-22
3	OVERRIDE	51	APN-32
4	SANS-7000A	52	APN-42
5	CAROUSEL-4	53	APN-48
6	APN-144	54	APN-50
7	ADF-60	55	APN-59
8	345	56	APN-65
9	41003	57	APN-69
10	5026-G	58	APN-70
11	51R-3	59	APN-76
12	51R-6	60	APN-81
13	51-RV1	61	APN-82
14	51-RV2	62	APN-84
15	51V-2	63	APN-89
16	51V-3	64	APN-99
17	51V-4	65	APN-102
18	51X-2B	66	APN-105
19	51Y-7	67	APN-117
20	51Z-2	68	APN-131
21	51Z-3	69	APN-133
22	51Z-4	70	APN-134
23	54W-1	71	APN-135
24	8LOF-1	72	APN-147
25	800B	73	APN-150
26	800C	74	APN-151
27	806A	75	APN-153
28	806C	76	APN-154
29	860E-2	77	APN-155
30	860E-3	78	APN-157
31	A-1	79	APN-158
32	A24G-42	80	APN-167
33	AAV-19	81	APN-169
34	ADF-14	82	APN-171
35	ADF-73	83	APN-175
36	AJN-3	84	APN-184V
37	AJN-16	85	APN-189
38	AJN-17	86	APN-190
39	AJN-20	87	APN-194
40	AL-101	88	APN-196
41	ALA-51	89	APN-199
42	ALC-101	90	APN-200
43	AP-106	91	APN-59E
44	APA-52	92	APN-59G
45	APA-57	93	APN-59D
46	APA-90	94	APN-59B
47	APN-7	95	APN-213
48	APN-9	96	APQ-68

(continued)

TABLE B-18. (continued)

Code	Equipment Nomenclature	Code	Equipment Nomenclature
97	APQ-99	145	ARN-120
98	APQ-107	146	ARN-127
99	APQ-110	147	ARN-300
100	APQ-122	148	ARN-131
101	APQ-144	149	ARN-117
102	APQ-160	150	ARN-90
103	APR-6	151	ASB-15B
104	APS-42	152	ARR-60
105	APW-11A	153	ARR-61
106	APW-23	154	AS-24(F)
107	ARA-25	155	ASD-100
108	ARA-31	156	ASN-6
109	ARA-48	157	ASN-7
110	ARA-50	158	ASN-24G
111	ARA-56	159	ASN-25
112	ARA-72	160	ASN-35
113	ARD-17	161	ASN-41
114	ARN-101	162	ASN-46A
115	ARD-73	163	ASN-48
116	ARN-6	164	ASN-56
117	ARN-12	165	ASN-63
118	ARN-14	166	ASN-90
119	ARN-18	167	ASN-103
120	ARN-21	168	ASN-109
121	ARN-30	169	ASN-119
122	ARN-31	170	ASQ-19A
123	ARN-32	171	ASQ-19B
124	ARN-52	172	ASQ-88
125	ARN-58	173	ASQ-107
126	ARN-59	174	ASQ-119
127	ARN-61	175	ASQ-141
128	ARN-62	176	ASQ-151
129	ARN-65	177	AVQ-30X
130	ARN-67	178	AVQ-55
131	ARN-72	179	AVQ-75
132	ARN-82	180	B-6A
133	ARN-83	181	BENDIX
134	ARN-84	182	CPU-80A
135	ARN-85	183	CPU-118/A
136	ARN-89	184	DF-202
137	ARN-91	185	DF-203
138	ARN-92	186	DFA-70
139	ARN-96	187	DFA-73
140	ARN-97	188	DFA-730
141	ARN-108	189	DME-40
142	ARN-111	190	DN-101
143	ARN-112	191	GPS(Hi Dynam)
144	ARN-118	192	HG-9025B/A

(continued)

TABLE B-18. (continued)

Code	Equipment Nomenclature	Code	Equipment Nomenclature
193	HOFFMAN	241	ARN-30A
194	ID1622/AYK	242	ARN-30E
195	ID1748/AYK	243	C-14
196	ID1764/AYK	244	ASN-118
197	J-2	245	ASH-20
198	J-4	246	ASH-22
199	KDM-7000	247	APN-24A
200	LEAR-SIEGLER 8820	248	APN-159
201	LN-2A	249	Z-SET
202	LN-3	250	VIR-30A
203	LN-16	251	ILS-70
204	LN-20	252	KNC-610
205	LOCKHEED	253	ARN-84V
206	LTN-51	254	AJQ-20
207	MA-1	255	SKN-2416
208	MB-3	256	APX-76
209	MD-1	257	APN-185
210	MN-62A	258	URT-27
211	MN-619	259	QSR
212	NORDEN	260	SST-181X
213	OA-1238	261	MKA-28D
214	OA-8639/ARD	262	AJQ-20
215	OA-8697/ARD	263	APX-64
216	P-AAU-27/C-AAU-21	264	NOT USED
217	PAVE PENNY	265	NOT USED
218	R-1041-(MB)	266	NOT USED
219	R-14C	267	NOT USED
220	RDR-1E	268	NOT USED
221	RDR-10	269	NOT USED
222	RDR-110	270	NOT USED
223	RDR-1200	271	NOT USED
224	SBK-16	272	NOT USED
225	SCR-718	273	NOT USED
226	SKN-2400	274	NOT USED
227	SPERRY	275	UPDATE
228	TDL-800		
229	UPN-25		
230	URT-26		
231	VIR-30		
232	VOR-101		
233	CAT II		
234	GPS (MED DYNAM)		
235	CAT III		
236	VIR-31A		
237	RDR-1D		
238	S3A		
239	RNA-260F		
240	DFA-72		

TABLE B-19. NWD EQUIPMENT

Code	Equipment Nomenclature	Code	Equipment Nomenclature
1	Not used	49	CP1075/AYK
2	Not used	50	F-15A-M
3	Not used	51	HQ905A1
4	700A988G01	52	ID-1620
5	AJB-1B/5A	53	KB-20
6	AJB-7/A	54	KB-21
7	AJN-8	55	M61-A1
8	APA-157	56	MD-1
9	APA-165	57	MG-13
10	APQ-100	58	MK II B
11	APQ-109A	59	N-9
12	APQ-110	60	SCDS
13	APQ-113	61	MA-1
14	APQ-114	62	APQ-130
15	APQ-120	63	OD-67
16	APQ-126	64	ASG-30
17	APQ-128	65	Not used
18	APQ-134	66	Not used
19	APQ-144	67	APQ-T10/T11
20	APQ-146	68	Not used
21	ARW-77	69	Not used
22	ASB-9A	70	Not used
23	ASB-15B	71	Not used
24	ASB-16	72	Not used
25	ASG-17	73	Not used
26	ASG-22	74	Not used
27	ASG-23	75	Not used
28	ASG-25	76	Not used
29	ASG-26A	77	Not used
30	ASG-27	78	Not used
31	ASN-91	79	Not used
32	ASN-99	80	Not used
33	ASQ-25	81	Not used
34	ASQ-91	82	Not used
35	ASQ-153	83	Not used
36	ASQ-156	84	Not used
37	AVA-9	85	Not used
38	AVQ-7	86	Not used
39	AVQ-9	87	Not used
40	AVQ-10	88	Not used
41	AVQ-20	89	Not used
42	AVQ-23	90	Not used
43	AYK-6	91	Not used
44	AYN-3	92	Not used
45	C8586/AYK	93	Not used
46	CV-2492A	94	Not used
47	CV-2497/A	95	Not used
48	CV-2894	96	Not used

(continued)

TABLE B-19. (continued)

Code	Equipment Nomenclature	Code	Equipment Nomenclature
97	Not used		
98	Not used		
99	Not used		
100	UPDATE		

TABLE B-20. WD EQUIPMENT

Code	Equipment Nomenclature	Code	Equipment Nomenclature
1	A-4	49	Not used
2	A24G-1A	49	Not used
3	AAD-7	50	Not used
4	AAQ-7	51	Not used
5	Not used	52	Not used
6	AGM-12	53	Not used
7	AGM-45A	54	Not used
8	AGM-78B/C	55	Not used
9	AIM-9B	56	Not used
10	AJQ-24	57	Not used
11	APG-63	58	Not used
12	APQ-150	59	Not used
13	APQ-153	60	Not used
14	APQ-157	61	Not used
15	ARC-96	62	Not used
16	ASG-15	63	Not used
17	ASG-19	64	Not used
18	ASG-21	65	Not used
19	ASG-25	66	Not used
20	ASG-29	67	Not used
21	ASN-91	68	Not used
22	ASQ-88	69	Not used
23	ASQ-145	70	Not used
24	AVQ-8	71	Not used
25	AVQ-17	72	Not used
26	AVQ-18	73	Not used
27	AVQ-19	74	Not used
28	AVQ-21	75	UPDATE
29	AWG-20		
30	AXH-2		
31	AYK-9		
32	C-8652CWE		
33	CA-503		
34	CW-1377/AWG		
35	MA-8		
36	MD-9		
37	MK-8		
38	SA-1786A		
39	TOU-11		
40	TT-521		
41	SENSOR ANGLE DISPLAY		
42	AIR DATA SYSTEM		
43	TRAINABLE GUN SYSTEM		
44	CN-1377/AWG		
45	AXQ-14		
46	GBU-15		
47	362F-2		
48	ALCM		

TABLE B-21. ID EQUIPMENT			
Code	Equipment Nomenclature	Code	Equipment Nomenclature
1	Not used	49	Not used
2	Not used	50	Not used
3	3166	51	Not used
4	AAU-21A	52	Not used
5	518-16007	53	Not used
6	570-24929-105	54	Not used
7	914A	55	UPDATE
8	914B		
9	AAU-19		
10	APX-25		
11	APX-37		
12	APX-44		
13	APX-46		
14	APX-49		
15	APX-64		
16	APX-72		
17	APX-78		
18	APX-91		
19	APX-101		
20	APX-103		
21	ASQ-19A		
22	ASQ-19B		
23	ASQ-88		
24	ASQ-107		
25	CPU-66/A-1		
26	CV-2746		
27	KIR-1A		
28	KIT-1A/TSEC		
29	KW-7		
30	KY-95		
31	UPN-25		
32	APX-76		
33	MX-9147		
34	TDR-90		
35	SST-1716		
36	CTB-200-05		
37	CVK-99		
38	SST-181		
39	KY-5328/ASQ		
40	ASX-1		
41	APX-80		
42	URT-27		
43	Not used		
44	Not used		
45	Not used		
46	Not used		
47	Not used		
48	Not used		

TABLE B-22. IN EQUIPMENT			
Code	Equipment Nomenclature	Code	Equipment Nomenclature
1	Not used	49	C-2
2	Not used	50	C-2G
3	14-64913	51	C-9
4	1880871-7	52	C-12
5	104820	53	C-14
6	1093633-4	54	CA-503
7	1093633-6	55	CITS
8	1093634-3	56	CP-953/AJQ
9	1093634-4	57	CPU-4A
10	2587400-436	58	CPU-43A
11	2-5951-1	59	CPU-65
12	331A-8H	60	CPU-76
13	41692	61	CPU-111
14	50-001-07A	62	CPU-114A
15	510860-1	63	EFU-26
16	61AAB-E	64	FD-103
17	A-13	65	FD-109G
18	A24G-1	66	FD-109J
19	A24G-16	67	G-2
20	A24G-25	68	G55
21	A24G-26A	69	HG-180U
22	A24G-31	70	HG-1800-205
23	A24G-34	71	ID-1755A
24	A24J-1	72	ID-798/ARN
25	A37J-8	73	J-2
26	AAU-3A/A	74	J-4
27	AAU-18A	75	LEAR-SIEGLER
28	AAU-19/A	76	MA-1
29	AF/A245-1	77	MC-102
30	AJN-18	78	MM-3
31	AP-106	79	N-1
32	AQU-2/A	80	OD-60A
33	AQU-4/A	81	PP1850
34	AQU-6/A	82	S-2
35	AQU-13/A	83	SLZ9170
36	ARU-2B/A	84	TRK-58
37	ARU-11	85	USAF STD
38	ARU-20/A	86	MG-1
39	ARU-32/A	87	FD-105
40	ASA-32J	88	AWU-4/A
41	ASH-28	89	Not used
42	ASK-6	90	Not used
43	ASN-43	91	A/A39-
44	ASN-50	92	CPU-82A
45	ASN-55	93	ID-1103/ARN
46	ASN-75	94	1903633-4
47	ASN-108	95	1903634-3
48	ASQ-141	96	CPK-92

(continued)

TABLE B-22. (continued)

Code	Equipment Nomenclature	Code	Equipment Nomenclature
97	AGM-65		
98	Not used		
99	Not used		
100	UPDATE		

TABLE B-23. EW EQUIPMENT

Code	Equipment Nomenclature	Code	Equipment Nomenclature
1	ALQ-117	49	APR-37
2	ALQ-155	50	APS-54
3	Not used	51	APS-107A
4	ALT-31	52	APS-107D/E
5	AAR-35	53	APS-109
6	ALE-2	54	ARA-3
7	ALE-20	55	ARQ-29
8	ALE-24	56	ASD-5
9	ALE-25	57	C-7854/ALQ
10	ALE-27	58	ER-142
11	ALE-28	59	LAU-74
12	ALE-40	60	MK-8103
13	ALQ-12	61	MX-6770
14	ALQ-13	62	MX-8103
15	ALQ-14	63	MX-8106
16	ALQ-51A	64	MX-9287/A
17	ALQ-71	65	MX-9879/A
18	ALQ-72	66	QRC-130
19	ALQ-83	67	QRC-160
20	ALQ-87	68	QRC-218
21	ALQ-93	69	QRC-248
22	ALQ-94	70	QRC-294
23	ALQ-99E	71	QRC-324
24	ALQ-119	72	SUU-42
25	ALQ-128	73	TRIM-7
26	ALQ-135	74	ALQ-122
27	ALQ-137	75	ALR-69
28	ALR-18	76	TRIM 9
29	ALR-20	77	SYSTEM 56
30	ALR-23	78	SYSTEM 66
31	ALR-31	79	ALR-56C/D/BAND
32	ALR-41	80	T-1357/F6T
33	ALR-46	81	T-1359/F6T
34	ALR-53	82	T-1358/F6T
35	ALR-56	83	ALE-38
36	ALR-62	84	T-1357/ZLT
37	ALT-6B	85	T-1359/ZLT
38	ALT-13	86	T-1358/ZLT
39	ALT-16	87	ALQ-101(V)
40	ALT-22	88	53-87570
41	ALT-28	89	AAR-34
42	ALT-32	90	ALQ-31
43	ALT-34	91	AAQ-8
44	APR-9	92	APR-38
45	APR-25	93	C7211/C7240
46	APR-26	94	Not used
47	APR-35	95	Not used
48	APR-36	96	Not used

(continued)

TABLE B-23. (continued)

Code	Equipment Nomenclature	Code	Equipment Nomenclature
97	Not used		
98	Not used		
99	Not used		
100	UPDATE		

TABLE B-24. R EQUIPMENT

Code	Equipment Nomenclature	Code	Equipment Nomenclature
1	Not used	49	OK-260/AMQ-32
2	Not used	50	OT-72/AMQ-32
3	Not used	51	OV-93/AMG-32
4	Not used	52	OV-94/AMQ-32
5	A-2	53	T-11
6	AAS-18	54	KA-89
7	ART-23	55	KA-2
8	ART-25	56	APD-10
9	ASQ-90	57	UPD-4
10	ASQ-94	58	KS-87B
11	AYK-11	59	KC-1B
12	AYK-12	60	ASQ-134
13	B-9A	61	APQ-102
14	F-2	62	ALQ-125
15	K-17C	63	LA-312
16	K-17D	64	Not used
17	K-27C	65	Not used
18	K-38	66	Not used
19	KA-1	67	Not used
20	KA-18	68	Not used
21	KA-55A	69	Not used
22	KA-56A	70	Not used
23	KA-71A	71	Not used
24	KB-3	72	Not used
25	KB-17B	73	Not used
26	KB-18A	74	Not used
27	KB-25A	75	UPDATE
28	KB-38		
29	KC-1A		
30	KD-26B		
31	KS-27C		
32	KS-32		
33	KS-72		
34	KS-74A		
35	KS-87A		
36	KS-97A		
37	KS-120		
38	LA-285A		
39	LA-307A		
40	LA-308A		
41	LA-311A		
42	LA-313A		
43	LS-58A		
44	M-9		
45	N-9/DBM4C		
46	O-15		
47	O-20		
48	O-32		

TABLE B-25. M EQUIPMENT			
Code	Equipment Nomenclature	Code	Equipment Nomenclature
1	Not used	49	Not used
2	Not used	50	UPDATE
3	Not used		
4	Not used		
5	484L/ASC-8		
6	92530		
7	AMQ-25		
8	APS-45		
9	APS-96		
10	APS-103		
11	APW-25		
12	APY-1		
13	ASW-28		
14	GPA-122		
15	RDR-IED		
16	PAVE PENNY/AAS-35		
17	AYO-6		
18	AMS		
19	VNS		
20	U-1 FOIL		
21	I-2 FOIL		
22	B/400A		
23	137-C3-590P-MR		
24	AMQ-31		
25	PRT-5		
26	A		
27	B		
28	C		
29	AVQ-23		
30	ARN-101		
31	Not used		
32	Not used		
33	Not used		
34	Not used		
35	Not used		
36	Not used		
37	Not used		
38	Not used		
39	Not used		
40	Not used		
41	Not used		
42	Not used		
43	Not used		
44	Not used		
45	Not used		
46	Not used		
47	Not used		
48	Not used		

TABLE B-26. FL EQUIPMENT

Code	Equipment Nomenclature	Code	Equipment Nomenclature
1	Not used	49	Not used
2	Not used	50	Not used
3	Not used	51	Not used
4	Not used	52	Not used
5	12C1154-867	53	Not used
6	12C1154-875	54	Not used
7	12C1154-879	55	Not used
8	3061200-1	56	Not used
9	33103A-2	57	Not used
10	965-0046-007	58	Not used
11	A-12	59	Not used
12	A-42G-11	60	UPDATE
13	AP103F		
14	ASA-32G		
15	ASA-32H		
16	ASA-32J		
17	ASA-32M		
18	ASW-28		
19	ASW-31		
20	BG492A2		
21	E-4		
22	F-1		
23	FC-11		
24	M362F		
25	MB-1		
26	MB-5		
27	MC-1		
28	MH-97		
29	PB-20D		
30	PB-60A		
31	PR-10A		
32	QA-1000		
33	SP-4D		
34	SP-50A		
35	SP-77		
36	YG-1005C2		
37	ASW-30		
38	ASW-38		
39	SP-40		
40	RN-200		
41	DCU		
42	CPU		
43	SIKORSKY		
44	Not used		
45	Not used		
46	Not used		
47	Not used		
48	Not used		

TABLE B-27. EN EQUIPMENT

Code	Equipment Nomenclature	Code	Equipment Nomenclature
1	Not used		
2	Not used		
3	Not used		
4	Not used		
5	Not used		
6	Not used		
7	Not used		
8	Not used		
9	Not used		
10	UPDATE		

TABLE B-28. EL EQUIPMENT			
Code	Equipment Nomenclature	Code	Equipment Nomenclature
1	Not used		
2	Not used		
3	Not used		
4	Not used		
5	PP-6827A		
6	MS-17406-3		
7	MS-17406-4		
8	Not used		
9	Not used		
10	UPDATE		

TABLE B-29. MISCELLANEOUS EQUIPMENT

Code	Equipment Nomenclature	Code	Equipment Nomenclature
1	Not used	49	Not used
2	Not used	50	Not used
3	Not used	51	Not used
4	Not used	52	Not used
5	10000A300	53	Not used
6	41583	54	Not used
7	540-20545	55	Not used
8	642C-1	56	Not used
9	A/A24U-10	57	Not used
10	A/A37U-15	58	Not used
11	ACT-31	59	Not used
12	AJM-14	60	UPDATE
13	ANH-2		
14	AR-200		
15	ARRS-100		
16	ASA-3		
17	ASQ-14		
18	ASQ-46		
19	ASQ-121		
20	AWQ-134		
21	GE-11		
22	CIR-10		
23	CRAIG		
24	CRT-3		
25	G-825		
26	HONEYWELL HG280		
27	M9-4117		
28	MKX-383		
29	MXU-553		
30	ROSEMOUNT		
31	ROSEMOUNT 1221NO		
32	RMU-8		
33	RMV-8		
34	SA-1800C		
35	URT-26		
36	C-9011/ARA		
37	FPC-75		
38	TDR-90		
39	RT-10		
40	MONITAIR		
41	RO-254/ASQ		
42	A-11		
43	ASH-20(V)2		
44	ASH-22(V)3		
45	Not used		
46	Not used		
47	Not used		
48	Not used		