DUTY AREA
AIRCRAFT COMMUNICATION/NAVIGATION/RADAR SYSTEMS TECHNICIAN, EA-6B, (MOS 6313)

A. GENERAL, OPERATIONAL AND SAFETY DUTIES

1. Operates and maintaines applicable shop **Support/special equipment**.
2. Demonstrates/applies applicable **Safety precautions and procedures** around the aircraft and work center.
3. Demonstrates/applies knowledge of applicable aircraft **Publications, diagrams, sketches and drawings**.
4. Performs tasks on the aircraft using applicable **Precision Measuring Equipment (PME)**.

B. SCHEDULED AND UNSCHEDULED MAINTENANCE DUTIES

1. Performs **Phase inspections** on applicable systems/components and locates incipient failures of the aircraft per planned maintenance interval, Maintenance Requirement Cards.
2. Performs **Daily/Servicing/Preservation/Depreservation/Conditional inspections** on applicable systems/components as per planned maintenance interval, Maintenance Requirement Cards.
3. Incorporates applicable **Technical Directives changes/bulletins**.
4. Detects corrosion and performs **Corrosion control**.
5. Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the **AN/ARC-210 V/UHF #1 & #2,** using appropriate maintenance procedures and support/test equipment.
6. Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the **KY-58/COMSEC system,** using appropriate maintenance procedures and support/test equipment.
7. Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the **V/UHF radio system, AN/ARC-182,** using appropriate maintenance procedures and support/test equipment.
8. Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the **HF radio system, AN/ARC-199,** using appropriate maintenance procedures and support/test equipment.
9. Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the **AN/AIC-14A ICS system,** using appropriate maintenance procedures and support/test equipment.
10. Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the **AN/ARN-84 TACAN system,** using appropriate maintenance procedures and support/test equipment.
11. Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the **AN/APX-72 Identify Friend or Foe (IFF) system,** using appropriate maintenance procedures and support/test equipment.
12. Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the **AN/APS-130 radar system,** using appropriate maintenance procedures and support/test equipment.
13. Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the **AN/APN-194 radar altimeter system,** using appropriate maintenance procedures and support/test equipment.
14. Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the **AN/ASN-130 INS,** using appropriate maintenance procedures and support/test equipment.
15. Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the **AN/ASN-172 EGI/INS,** using appropriate maintenance procedures and support/test equipment.
16. Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the **Electronic Flight Instrument System (EFIS),** using appropriate maintenance procedures and support/test equipment.
17. Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the **ASW-25 data link system,** using appropriate maintenance procedures and support/test equipment.

DA MOS 6313 (Continued)

18. Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the **AN/ARA-63 ILS,** using appropriate maintenance procedures and support/test equipment.
19. Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the **AN/APN-154 Radar beacon system,** using appropriate maintenance procedures and support/test equipment.
20. Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the **OZ-72(V)3(C)/A, Multi-Mission Advanced Tactical Terminal (MATT),** using appropriate maintenance procedures and support/test equipment.
21. Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the **MD-1295/A Improved Data Modem,** using appropriate maintenance procedures and support/test equipment.

SKILL PROGRESSION LEVEL DEFINITIONS

LEVEL I: An asterisk in level I indicates the task is taught in an Entry Level School (“A” school).

LEVEL II: An asterisk in level II indicates the task is taught at a NAMTRAGRU DET/”C” school. Other tasks in level II not indicated with an asterisk will be signed off when exposed to the individual for the first time. All subsequent training that the Marine performs after initial exposure should be annotated on the OPNAV 4790/33 form until the Marine is signed off in level III.

LEVEL III: An asterisk in LEVEL III indicates the task is considered training essential. A sign-off in level III indicates the Marine can perform that task without direct supervision. The unit is responsible for these sign off’s.

LEVEL IV: Used by the unit to indicate an individual is advanced in technical and supervisory functions. Prior to sign-off, all training essential and training optional tasks in level III must have been singed-off. Only one sign-off for the Duty Area is required.

Sign-off blanks: (MO/YR)/(INDIVIDUAL’S INITIALS)/(SUPERVISOR’S INITIALS)

Note: Refer to MCO P4790.20_ for further clarification.

INDIVIDUAL DUTY AREA QUALIFICATION SUMMARY
AIRCRAFT COMMUNICATION/NAVIGATION/RADAR SYSTEMS TECHNICIAN, EA-6B, (MOS 6313)

NAME/SSN:____

Granted MOS 6311:________/________
Granted MOS 6313:________/________

Level II Completed:________/________
Level III Completed:________/________
Level IV Completed:________/________

DUTY #	DUTY DESCRIPTION	LEVEL I DATE/SIGN	LEVEL II DATE/SIGN	LEVEL III DATE/SIGN	LEVEL IV DATE/SIGN
A.	GENERAL, OPERATIONAL AND SAFETY DUTIES	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX			
A.1	SUPPORT/SPECIAL EQUIPTMENT	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX			
A.2	SAFETY PRECAUTIONS AND PROCEDURES	XXXXXXXXXXXXXXXXXX			
A.3	PUBLICATIONS, DIAGRAMS, SKETCHES AND DRAWINGS				
A.4	PRECISION MEASURING EQUIPMENT (PME)				
B.	SCHEDULED AND UNSCHEDULED MAINTENANCE DUTIES	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX			
B.1	PHASE INSPECTIONS	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX			
B.2	DAILY/SERVICING/PRESERVATION/DEPRESERVATION/ CONDITIONAL INSPECTION	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX			
B.3	TECHNICAL/DIRECTIVES CHANGES/BULLETINS	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX			
B.4	CORROSION CONTROL				
B.5	AN/ARC-210 V/UHF #1 & #2	XXXXXXXXXXXXXXXXXX			
B.6	KY-58/COMSEC SYSTEM				
B.7	V/UHF RADIO SYSTEM, AN/ARC-182	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX			
B.8	HF RADIO SYSTEM, AN/ARC-199	XXXXXXXXXXXXXXXXXX			
B.9	AN/AIC-14A ICS SYSTEM				
B.10	AN/ARN-84 TACAN SYSTEM				
B.11	AN/APX-72 IDENTIFY FRIEND OR FOR (IFF) SYSTEM				
B.12	AN/APS-130 RADAR SYSTEM				
B.13	AN/APN-194 RADAR ALTIMETER SYSTEM				
B.14	AN/ASN-130 INS				
B.15	AN/ASN-172 EGI/INS	XXXXXXXXXXXXXXXXXX			
B.16	ELECTRONIC FLIGHT INSTRUMENT SYSTEM (EFIS)	XXXXXXXXXXXXXXXXXX			
B.17	ASW-25 DATA LINK SYSTEM				
B.18	AN/ARA-63 ILS	XXXXXXXXXXXXXXXXXX			
B.19	AN/APN-154 RADAR BEACON SYSTEM				
B.20	OZ-72(V)3(C)/A, MULTI-MISSION ADVANCED TACTICAL TERMINAL (MATT)	XXXXXXXXXXXXXXXXXX			
B.21	MD-1295/A IMPROVED DATA MODEM (IDM)	XXXXXXXXXXXXXXXXXX			

INDIVIDUAL QUALIFICATION RECORD
AIRCRAFT COMMUNICATION/NAVIGATION/RADAR SYSTEMS TECHNICIAN, EA-6B, (MOS 6313)

A. GENERAL, OPERATIONAL AND SAFETY DUTIES

A.1 Operates and maintains applicable shop **Support/special equipment**.

TASK #	TASK DESCRIPTION	REFERENCE	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
A	B-1 & B-4 A/C maintenance platforms	NA 19-600-19-6-1		/ /	/ /	
B	NT-4, A/C tow bar	NA 19-600-175-6-1		/ /	/ /	

A.2 Demonstrates/applies applicable **Safety precautions and procedures** around the aircraft and work center.

A	Ground occupational safety & health programs in specific areas					
A-1	First aid procedures	Marine BST/Essential Subjects Book		/ /	* / /	
A-2	Use of solvents/paints/strippers and sealants (shelf life)	NA 01-85ADC-2-1 Local Instr		* / /	* / /	
A-3	Safety procedures near electricity	OSHA 29 CFR 1910 NA A1-NAOSH-SAF-000/P5100-1 Local Instr		* / /	* / /	
A-4	Entry into confined spaces	OSHA 29 CFR 1910 NA A1-NAOSH-SAF-000/P5100-1		/ /	* / /	
A-5	Hazardous materials/waste	OPNAVINST 4790.2 NA 01-85ADC-2-1 OSHA 29 CFR 1910 NA A1-NAVOSH SAF-000/P5100-1 DOD 4140.27-M		/ /	* / /	
A-6	PPE (Safety/flight boots, clothing, hearing/eye protection, etc.)	OSHA 29 CFR 1910 NA A1-NAVOSH-SAF-000/P5100-1 Local Instr		/ /	* / /	

DA A.2 (Continued)

TASK #	TASK DESCRIPTION	REFERENCE	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
A-7	Safety markings	OSHA 29 CFR 1910 NA A1-NAVOSH-SAF-000/P5100-1 Local Instr		/ /	* / /	
B	Precautions & procedures on/around A/C & support equipment					
B-1	Safety procedures on/around turning A/C	NA 01-85ADC-2-1 Local Instr		* / /	* / /	
B-2	Safety procedures on/near A/C with use of pneumatic power	NA 01-85ADC-2-1 Local Instr		/ /	* / /	
B-3	Safety procedures on/near A/C when applying or removing external electrical power	NA 01-85ADC-2-1 Local Instr		* / /	* / /	
B-4	Safety procedures on/near A/C with use of hydraulic power	NA 01-85ADC-2-1 Local Instr		* / /	* / /	
B-5	Safety procedures on/near A/C with ordnance	NA 01-85ADC-2-1 Local Instr		/ /	* / /	
B-6	Safety procedures when jacking A/C or while A/C is on jacks	NA 01-85ADC-2-1 Local Instr		/ /	* / /	
B-7	Safety procedures on/near A/C maintenance platforms	NA 01-85ADC-2-1 Local Instr		/ /	* / /	
B-8	Safety procedures when washing A/C	NA 01-85ADC-2-1 NA 01-1A-509 NA 16-1-540 Local Instr		/ /	* / /	
B-9	Safety procedures on/near support equipment operations	NA 01-85ADC-2-1 Local Instr		/ /	* / /	
B-10	Safety procedures when securing A/C with protective covers (red gear)	NA 01-85ADC-2-1 Local Instr		/ /	* / /	
B-11	Safety procedure when installing or removing A/C safety pins and locks	NA 01-85ADC-2-1 Local Instr		/ /	* / /	
C	Line emergency procedures					
C-1	Types of fire extinguishers	NA 01-85ADC-2-1		/ /	* / /	
C-2	Emergency egress procedures	NA 01-85ADC-2-1		/ /	* / /	
C-3	Fire fighting					
C-3.1	Proper extinguishing for composite fire	NA 01-85ADC-2-1		/ /	* / /	
C-3.2	Proper procedures for extinguishing hot brakes	NA 01-85ADC-2-1		/ /	* / /	
C-3.3	Proper procedures for extinguishing and engine fire	NA 01-85ADC-2-1		/ /	* / /	
C-3.4	proper procedures for when A/C has a loss of brakes	NA 01-85ADC-2-1		/ /	* / /	
C-3.5	Proper procedures for extinguishing an electrical fire	NA 01-85ADC-2-1		/ /	* / /	
C-4	Emergency hand signals	NA 01-85ADC-2-1		/ /	* / /	
D	Tool control					
D-1	Responsabilities of the Tool Control Program (TCP)	OPNAVINST 4790.2 Local Instr		* / /	* / /	

DA A.2 (Continued)

TASK #	TASK DESCRIPTION	REFERENCE	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
D-2	Care and use of hand tools	OPNAVINST 4790.2 Local Instr		* / /	* / /	
D-3	Tool inventory procedures	OPNAVINST 4790.2 Local Instr		* / /	* / /	
D-4	Reporting procedures for broken or missing tools	OPNAVINST 4790.2 Local Instr		* / /	* / /	
D-5	IMRL gear procedures	OPNAVINST 4790.2 Local Instr		/ /	* / /	
D-6	Metrology/Calibration (METCAL) procedures	OPNAVINST 4790.2 Local Instr		/ /	* / /	
E	Foreign Object Damage (FOD) prevention	OPNAVINST 4790.2 Local Instr		* / /	* / /	
F	Hydraulic contamination	OPNAVINST 4790.2 NA 01-1A-17 Local Instr		/ /	* / /	
G	Electro-Magnetic Induction (EMI), Electro Static Device (ESD), Electro Magnetic Compatibility (EMC)	OPNAVINST 4790.2 Local Instr		* / /	* / /	
H	Emergency reclamation	OPNAVINST 4790.2 NA 01-1A-509 NA 16-1-540 Local Instr		/ /	* / /	
I	Tire & wheel safety procedures	OPNAVINST 4790.2 Local Instr		/ /	* / /	

A.3 Demonstrates/applies knowledge of applicable A/C **Publications, diagrams, sketches and drawings**.

A	Naval Aviation Maintenance Program (NAMP)	OPNAVINST 4790.2 series		* / /	* / /	
B	Occupational Safety & Health Adminstration (OSHA) Manual	OSH 29 CFR 1910		/ /	* / /	
C	Safety Requirements for Naval Aviation Shore Activities	NA A1-NAVOSH-SAF-000/P5100-1		/ /	* / /	
D	Naval Air Systems Command Technical Manual Program	NA 00-25-100		/ /	* / /	
E	Aircraft Manuals List	NA 00-25-100		/ /	* / /	
F	Preservation of Naval Aircraft Manual	NA 15-01-500		/ /	* / /	
G	Weapons System Corrosion Control Manual	NA 01-1A-509	*	* / /	* / /	
H	Avionics Cleaning and Corrosion Control Manual	NA 16-1-540		* / /	* / /	
I	Support Equipment Cleaning and Corrosion Control Manual	NA 17-1-125		/ /	* / /	
J	Support Equipment Manual	NA 00-80T-96		/ /	* / /	
K	Aviation Hydraulics Manual	NA 01-1A-17		/ /	* / /	
L	Structural Hardware Manual	NA 01-1A-8		/ /	* / /	

DA A.3 (Continued)

TASK #	TASK DESCRIPTION	REFERENCE	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
M	Battery Manuals					
M-1	Battery Manual	NAVSEA INSTR 59310-AQ-01D		/ /	/ /	
M-2	Battery Manual	NA 17-15BAD-1		/ /	/ /	
N	Connector/Wire Repair Manuals					
N-1	Wire Repair Manual	NA 01-1A-505		/ /	* / /	
N-2	Connector Repair Manual	NA 01-85AD-2-10		/ /	* / /	
N-3	Wire/Connector Repair Manual	NA 01-85ADC-2-2.3		/ /	* / /	
N-4	Wire/Connector Repair Manual	NA 01-85ADC—2-34.1		/ /	* / /	
O	NATOPS Manual	NA 01-85ADC-1	*	* / /	* / /	
P	Work Unit Code Manual	NA 01-85AD-8	*	* / /	* / /	
Q	Daily/Servicing/Special/Preservation/Conditional/ Maintenance Requirement Card	NA 01-85ADC-6-3		* / /	* / /	
R	Phase Maintenance Requirement Cards	NA 01-85ADC-6-4		/ /	/ /	
S	General A/C Information & Servicing Manual	NA 01-85ADC-2-1	*	* / /	* / /	
T	Maintenance Information Manual System (MIMS)					
T-1	Communication System	NA 01-85ADC-2-13		* / /	* / /	
T-2	AFCS/AC/S System	NA 01-85ADC-2-14		* / /	* / /	
T-3	Organizational Maintenance Radar System	NA 01-85ADC-2-16		* / /	* / /	
T-4	Organizational Maintenance Navigation System	NA 01-85ADC-2-18		* / /	* / /	
T-5	Organizational Maintenance DECM System	NA 01-85ADC-2-21		/ /	/ /	
T-6	Electronic Flight Instrument System	NA 01-85ADC-2-62		/ /	/ /	
T-7	Multi-Mission ADV Tactical Terminal System (MATT)	NA 01-85ADC-2-64		/ /	/ /	
T-8	Improved Data Modem (IDM)	NA 01-85ADC-2-64		/ /	/ /	
U	Integrated Weapon System Wiring Data Manauls					
U-1	Integrated Weapon System Functional Diagrams	NA 01-85ADC-2-25.1		/ /	/ /	
U-2	Integrated Weapon System Functional Diagrams	NA 01-85ADC-2-25.5.1	*	* / /	* / /	
U-3	Integrated Weapon System Functional Diagrams	NA 01-85ADC-2-25.5.2	*	* / /	* / /	
V	Principals of Operation Manuals					
V-1	Integrated Weapons System Principles of Operation	NA 01-85ADC-2-27.1.1	*	* / /	* / /	
V-2	Integrated Weapons System Principles of Operation	NA 01-85ADC-2-27.5.1		/ /	/ /	
V-3	Integrated Weapons System Principles of Operation	NA 01-85ADC-2-27.5.2		/ /	/ /	
V-4	Integrated Weapons System Principles of Operation	NA 01-85ADC-2-27.5.3		/ /	/ /	

DA A.3 (Continued)

TASK #	TASK DESCRIPTION	REFERENCE	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
W	Integrated Weapons System Ops Check Manuals					
W-1	Integrated Weapons System	NA 01-85ADC-2-23.1A.4	*	* / /	* / /	
W-4	Integrated Weapons System	NA 01-85ADC-2-23.5.1	*	* / /	* / /	
W-5	Integrated Weapons System	NA 01-85ADC-2-23.5.2	*	* / /	* / /	
W-6	Integrated Weapons System	NA 01-85ADC-2-23.5.3	*	* / /	* / /	
W-7	Integrated Weapons System	NA 01-85ADC-2-23.5.4	*	* / /	* / /	
X	Illustrated Parts Breakdown Manual (IPB's)					
X-1	COM/NAV/RADAR/DECM IPB	NA 01-85ADC-4-13	*	* / /	* / /	
X-2	Master Locator of Repairables	NA 01-85ADC-4-1		/ /	* / /	
Y	Aircraft Transmission Lines	NA 01-85ADC-2-26	*	/ /	* / /	

A.4 Performs tasks on the A/C using applicable **Precision Measuring Equipment (PME)**.

A	Operates multitmeter	NA 01-85ADC-2-25.5.2	*	* / /	* / /	
B	Operates Time Domain Reflectometer (TDR)	NA 01-85ADC-2-26		/ /	* / /	
C	Operates oscilloscope	NA 01-85ADC-2-25.5.3	*	/ /	* / /	
D	Operates wattmeter	NA 01-85ADC-2-25.5.3		/ /	* / /	
E	Operates AN/APM-378, Identify Friend or Foe (IFF T/S)	NA 01-85ADC-2-25.5.3		/ /	/ /	
F	Operates AN/APM-424, Identify Friend or Foe (IFF T/S)	NA 01-85ADC-2-25.5.3		* / /	* / /	
G	Operates AN/APM-480, Identify Friend or Foe (IFF T/S)	NA 01-85ADC-2-25.5.3		/ /	/ /	
H	Operates AN/APM-199, RADAR altimeter test set	NA 01-85ADC-2-25.4A.4		/ /	* / /	
I	Operates AN/APM-230B, RADAR beacon test set	NA 01-85ADC-2-25.4A.4		/ /	* / /	
J	Operates AN/SM-658, RADAR beacon test set	NA 01-85ADC-2-25.4A.4		/ /	* / /	
K	Operates ASM 663, TACAN test set	NA 01-85ADC-2-25.5.3		* / /	* / /	
L	Operates SM-511, ACLS digital data test set	NA 01-85ADC-2-25.4A.4	*	* / /	* / /	

INDIVIDUAL QUALIFICATION RECORD
AIRCRAFT COMMUNICATION/NAVIGATION/RADAR SYSTEMS TECHNICIAN (MOS 6313)

B. SCHEDULED AND UNSCHEDULED MAINTENANCE DUTIES

B.1 Performs **Scheduled/unscheduled inspections** on applicable systems/components as per Maintenance Requirement Cards.

TASK #	TASK DESCRIPTION	REFERENCE	WUC	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
A	Performs phase inspections	NA 01-85ADC-6-4	03A0000 03B0000		/ /	* / /	

B.2 Performs **Daily/servicing/preservation/depreservation/conditional inspections** on applicable systems/components as per planned maintenance interval, maintenance requirement cards.

A	Performs 14-day inspection	NA 01-85ADC-6-3	030000A		/ /	* / /	
B	Performs 28-day inspection	NA 01-85ADC-6-3	030000B		/ /	* / /	
C	Performs 56-day inspection	NA 01-85ADC-6-3	030000E		/ /	* / /	
D	Performs 180-day inspection	NA 01-85ADC-6-3	030000J		/ /	* / /	
E	Performs 224-day inspection	NA 01-85ADC-6-3	030000K		/ /	* / /	
F	Performs 364-day inspection	NA 01-85ADC-6-3	030000M		/ /	* / /	
G	Performs pre-Carrier Vessel(CV) conditional inspection	NA 01-85ADC-6-3	030		/ /	* / /	
H	Performs A/C conditional inspection	NA 01-85ADC-6-3	030		/ /	* / /	
I	Performs acceptance inspection	NA 01-85ADC-6-3	030		/ /	* / /	
J	Performs transfer inspection	NA 01-85ADC-6-3	030		/ /	* / /	
K	Performs type D preservation/depreservation inspection	NA 01-85ADC-6-3 NA 15-01-500	030		/ /	* / /	

B.3 Incorporates applicable **Technical Directives changes/bulletins**.

A	Technical Directives (TD) system	NA 00-25-300			/ /	* / /	
B	Rapid Action Minor Engineering Change (RAMEC)	NA INST 5215.10			/ /	* / /	
C	Incorporates TD changes/bulletins	OPNAVINST 4790.2			/ /	* / /	

B.4 Detects and performs **Corrosion control**.

A	Performs corrosion detection during all maintenance actions performed on the A/C	NA 15-01-500 NA 01-1A-509 NA 16-1-540 NA 01-85ADC-6-3		*	* / /	* / /	

DA B.4 (Continued)

TASK #	TASK DESCRIPTION	REFERENCE	WUC	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
B	Performs corrective action on corrosion discrepancies found on A/C components	NA 15-01-500 NA 01-1A-509 NA 16-1-540 NA 01-85ADC-6-3	040	*	/ /	* / /	
C	Performs corrosion detection/prevention on support equipment	NA 17-1-125	040		/ /	* / /	

B.5 Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the **AN/ARC-210 V/UHF #1 & #2,** using appropriate maintenance procedures and support/test equipment.

A	Theory of operations						
A-1	AN/ARC-210 V/UHF radios	NA 01-85ADC-2-27.5.3	621M0		* / /	* / /	
B	Functional check						
B-1	AN/ARC-210 V/UHF radio #1 & #2		621M300		* / /	* / /	
B-2	Foreward cockpit remote indicators 1 & 2	NA 01-85ADC-2-27.5.3	62X3P15		/ /	/ /	
B-3	Aft cockpit remote indicators 1 & 2	NA 01-85ADC-2-27.5.3	62X3P15		/ /	/ /	
C	Fault isolation	NA 01-85ADC-2-27.5.3					
C-1	An/ARC-210 V/UHF radios #1 & #2	NA 01-85ADC-2-27.5.3	621M300		* / /	* / /	
C-2	Foreward cockpit remote indicators 1 & 2	NA 01-85ADC-2-27.5.3	62X3P15		/ /	/ /	
C-3	Aft cockpit remote indicators 1 & 2	NA 01-85ADC-2-27.5.3	62X3P15		/ /	/ /	
C-4	Pilots microphone switch	NA 01-85ADC-2-27.5.3	6481Q		/ /	* / /	
C-5	ECMO 1 microphone switch (E2 and E3)	NA 01-85ADC-2-27.5.3	6481Q		/ /	* / /	
C-6	Pilots J1013 (E1, E2 and E3)	NA 01-85ADC-2-27.5.3	6481F		/ /	/ /	
C-7	ICS junction box	NA 01-85ADC-2-27.5.3	642C100		/ /	/ /	
C-8	Ant logic converter	NA 01-85ADC-2-27.5.3	621M500		/ /	/ /	
C-9	1553 data bus	NA 01-85ADC-2-27.5.3	4284Z		/ /	* / /	
C-10	Tuneable antennas	NA 01-85ADC-2-27.5.3	621MB		/ /	/ /	
C-11	Radio set control	NA 01-85ADC-2-27.5.3	621M400		/ /	/ /	
C-12	Communication control panel	NA 01-85ADC-2-27.5.3	62R1V00		/ /	/ /	
C-13	Pilots C2645 (E1, E2 and E3)	NA 01-85ADC-2-27.5.3	6418400		/ /	/ /	
C-14	Pilots C4949 (E1, E2 and E3)	NA 01-85ADC-2-27.5.3	6418D00		/ /	* / /	
C-15	Secure mode select panel	NA 01-85ADC-2-27.5.3	621R1U00		/ /	* / /	
C-16	Remote fill panel	NA 01-85ADC-2-27.5.3	621MF		/ /	* / /	
C-17	Z-ANP KY-58 control	NA 01-85ADC-2-27.5.3	67X3B		/ /	* / /	
C-18	Coax transmission lines (1 and 2)	NA 01-85ADC-2-27.5.3	67R5C		/ /	* / /	
C-19	Wiring	NA 01-85ADC-2-27.5.2	6221J3		/ /	* / /	
D	Organizational maintenance						
D-1	R&R AN/ARC-210 V/UHF radios #1 &#2	NA 01-85ADC-2-13	621M300		* / /	* / /	
D-2	R&R fwd cockpit remote indicators 1 and 2	NA 01-85ADC-2-13	62X3P15		/ /	/ /	
D-3	R&R aft cockpit remote indicators 1 and 2	NA 01-85ADC-2-13	62X3P15		/ /	/ /	
D-4	R&R pilots microphone switch	NA 01-85ADC-2-13	6481Q		/ /	* / /	
D-5	R&R E-1 microphone switch (E2 and E3)	NA 01-85ADC-2-13	6481Q		/ /	* / /	

DA B.5 (Continued)

TASK #	TASK DESCRIPTION	REFERENCE	WUC	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
D-6	R&R antenna logic converter 1 and 2	NA 01-85ADC-2-13	621M500		/ /	* / /	
D-7	R&R pilots J1013	NA 01-85ADC-2-13	6481F		/ /	/ /	
D-8	R&R V/UHF tunable antenna 1 and 2	NA 01-85ADC-2-13	621MB		/ /	* / /	
D-9	R&R communication control panel	NA 01-85ADC-2-13	92R1V00		/ /	* / /	
D-10	R&R secure mode select pnel	NA 01-85ADC-2-13	62R1U00		/ /	* / /	
D-11	R&R radio set control 1 and 2	NA 01-85ADC-2-13	621M300		/ /	* / /	
D-12	R&R remote fill panel	NA 01-85ADC-2-13	621MF		/ /	* / /	
D-13	R&R Z-ANP KY-58 control	NA 01-85ADC-2-13	67X3B		/ /	* / /	

B.6 Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the **KY-58/COMSEC system,** using appropriate maintenance procedures and support/test equipment.

A	Theory of operations						
A-1	KY-58 COMSEC system	NA 01-85ADC-2-27.5.3	67410	*	* / /	* / /	
B	Functional check						
B-1	KY-58 1, 2 and 3	NA 01-85ADC-2-27.5.3	67411		/ /	* / /	
B-2	KY-58 control box 1, 2 and 3	NA 01-85ADC-2-27.5.3	67X3E		/ /	* / /	
C	Fault isolation						
C-1	KY-58 1, 2 and 3	NA 01-85ADC-2-27.5.3	67411		/ /	* / /	
C-2	KY-58 control box 1, 2 and 3	NA 01-85ADC-2-27.5.3	67X3E		/ /	* / /	
C-3	V/UHF radios 1, 2, 3 and improved data modem	NA 01-85ADC-2-27.5.3			/ /	* / /	
D	Organizational maintenance						
D-1	R&R KY-58 1, 2 and 3	NA 01-85ADC-2-13	67411		/ /	* / /	
D-2	R&R KY-58 control box 1, 2 and 3	NA 01-85ADC-2-13	63X1W		/ /	* / /	
D-3	Keys KY-58	NA 01-85ADC-2-23.5.3	63X1W		/ /	* / /	

B.7 Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the **V/UHF radio system, AN/ARC-182,** using appropriate maintenance procedures and support/test equipment.

A	Theory of operations						
A-1	An/ARC-182 V/UHF radio system	NA 01-85ADC-2-27.5.3	621K0		/ /	* / /	
B	Functional check						
B-1	V/UHF R/T (1250A)	NA 01-85ADC-2-27.5.3	62X2100		/ /	/ /	
B-2	V/UHF radio set control C-10319A	NA 01-85ADC-2-27.5.3	62X2400		/ /	/ /	
B-3	V/UHF antenna	NA 01-85ADC-2-27.5.3	62X2F		/ /	/ /	
B-4	V/UHF remote indicators	NA 01-85ADC-2-27.5.3	62X2800		/ /	/ /	
B-5	V/UHF secure mode select panel	NA 01-85ADC-2-27.5.3	42B700		/ /	/ /	
B-6	V/UHF SA 521 switching unit	NA 01-85ADC-2-27.5.3	62X2B00		/ /	/ /	
B-7	#3 KY-58	NA 01-85ADC-2-27.5.3			/ /	/ /	

DA B.7 (Continued)

TASK #	TASK DESCRIPTION	REFERENCE	WUC	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
C	Fault isolation						
C-1	V/UHF R/T 1250A	NA 01-85ADC-2-27.5.3	621K0		/ /	* / /	
C-2	V/UHF control head C-10319A	NA 01-85ADC-2-27.5.3	62X2400		/ /	* / /	
C-3	Improved Data Modem (IDM)	NA 01-85ADC-2-64	69X96		/ /	/ /	
C-4	V/UHF #3 radio	NA 01-85ADC-2-27.5.3	62X2400		/ /	/ /	
C-5	Remote indicators	NA 01-85ADC-2-27.5.3	62X3P15		/ /	/ /	
C-6	V/UHF #3 selection panel	NA 01-85ADC-2-27.5.3	62R1V00		/ /	* / /	
C-7	Secure mode select panel	NA 01-85ADC-2-27.5.3	62R1U00		/ /	* / /	
C-8	SA 521 switching unit	NA 01-85ADC-2-27.5.3	62X22B00		/ /	* / /	
C-9	#3 KY-58	NA 01-85ADC-2-27.5.3	67411		/ /	* / /	
C-10	Data bus lines	NA 01-85ADC-2-27.5.3	4284Z		/ /	/ /	
C-11	Coax transmission lines	NA 01-85ADC-2-27.5.3	67R5C		/ /	/ /	
C-12	Pilots C2645 (E1, E2 and E3)	NA 01-85ADC-2-27.5.3	6418400		/ /	/ /	
C-13	Pilots C4949 (E1, E2 and E3)	NA 01-85ADC-2-27.5.3	6418D00		/ /	/ /	
C-14	Wiring	NA 01-85ADC-2-25.5.1	621J3		/ /	* / /	
D	Organizational maintenance						
D-1	R&R V/UHF RT 1250A	NA 01-85ADC-2-13	621K0		/ /	* / /	
D-2	R&R V/UHF antenna	NA 01-85ADC-2-13	62XJ3		/ /	* / /	
D-3	R&R V/UHF control head C-10319A	NA 01-85ADC-2-13	62X2400		/ /	* / /	
D-4	R&R V/UHF remote indicator	NA 01-85ADC-2-13	62X3P15		/ /	* / /	
D-5	R&R V/UHF secure mode panel	NA 01-85ADC-2-13	62R1U00		/ /	* / /	
D-6	R&R Improved Data Modem (IDM)	NA 01-85ADC-2-64	69X96		/ /	* / /	
D-7	R&R V/UHF SA 521 switching unit	NA 01-85ADC-2-13	92X2B00		/ /	* / /	
D-8	R&R V/UHF #3 KY-58	NA 01-85ADC-2-13	67411		/ /	* / /	

B.8 Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the **HF radio system, AN/ARC-199,** using appropriate maintenance procedures and support/test equipment.

A	Theory of operations						
A-1	AN/ARC-199 HF radio system	NA 01-85ADC-2-27.5.3	612S0		* / /	* / /	
B	Functional check						
B-1	HF R/T 1498	NA 01-85ADC-2-27.5.3	61X2500		* / /	* / /	
B-2	HF AM-7201 amplifier coupler	NA 01-85ADC-2-27.5.3	61X2R00		* / /	* / /	
B-3	HF control display unit	NA 01-85ADC-2-27.5.3	61X2T00		* / /	* / /	
B-4	Z-ANG	NA 01-85ADC-2-27.5.3	61X2T00		* / /	* / /	
B-5	BTU/KYV-5	NA 01-85ADC-2-27.5.3			* / /	* / /	
B-6	CU-2366 coupler	NA 01-85ADC-2-27.5.3	61251		* / /	* / /	
C	Fault isolation						
C-1	HF R/T 1498	NA 01-85ADC-2-27.5.3	61X2500		* / /	* / /	
C-2	HF AM-7201 amplifier coupler	NA 01-85ADC-2-27.5.3	61X2R00		* / /	* / /	
C-3	Control display unit	NA 01-85ADC-2-27.5.3	61X2T00		* / /	* / /	

DA B.8 (Continued)

TASK #	TASK DESCRIPTION	REFERENCE	WUC	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
C-4	Z-ANG	NA 01-85ADC-2-27.5.3	61X2T00		* / /	* / /	
C-5	BTU/KYV-5	NA 01-85ADC-2-27.5.3			* / /	* / /	
C-6	CU-2366 coupler	NA 01-85ADC-2-27.5.3	67R5C		* / /	* / /	
C-7	Coax transmission line	NA 01-85ADC-2-27.5.3	6418400		* / /	* / /	
C-8	Pilots C2645 (E1, E2 and E3)	NA 01-85ADC-2-27.5.3	64184		* / /	* / /	
C-9	Pilots C4949 (E1, E2 and E3)	NA 01-85ADC-2-27.5.3	6418D		* / /	* / /	
C-10	HF wiring	NA 01-85ADC-2-25.5.1	4284U		* / /	* / /	
D	Organizational maintenance						
D-1	R&R HF R/T 1498	NA 01-85ADC-2-13	61R2500		* / /	* / /	
D-2	R&R HF AM-7201 amplifier coupler	NA 01-85ADC-2-13	61R1710		* / /	* / /	
D-3	R&R HF control display unit	NA 01-85ADC-2-13	61X1200		* / /	* / /	
D-4	R&R Z-ANG	NA 01-85ADC-2-13	61X2T00		* / /	* / /	
D-5	R&R BTU/KYV-5	NA 01-85ADC-2-13			* / /	* / /	
D-6	R&R CU-2366 coupler	NA 01-85ADC-2-13	612S1		* / /	* / /	

B.9 Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the **AN/AIC-14A on the ICS,** using appropriate maintenance procedures and support/test equipment.

A	Theory of operations						
A-1	AN/AIC-14A Intercommunication System (ICS)	NA 01-85ADC-2-27.5.2	64000	*	* / /	* / /	
B	Functional check						
B-1	Pilots Intercommunication System (ICS) (E-1, E-2 and E-3)	NA 01-85ADC-2-27.5.3	64180		* / /	* / /	
B-2	Ground communication system	NA 01-85ADC-2-27.5.3			* / /	* / /	
C	Fault isolation						
C-1	Pilots C2645 (E-1, E-2 and E-3)	NA 01-85ADC-2-27.5.3	6418400		* / /	* / /	
C-2	Pilots C4951 (E-1, E-2 and E-3)	NA 01-85ADC-2-27.5.3	6418E		* / /	* / /	
C-3	Pilots C4949 (E-1, E-2 and E-3)	NA 01-85ADC-2-27.5.3	6418D		* / /	* / /	
C-4	Pilots ICS switch (E-1, E-2 and E-3)	NA 01-85ADC-2-27.5.3	6418Q		* / /	* / /	
C-5	Pilots J1013 (E-1, E-2 and E-3)	NA 01-85ADC-2-27.5.3	6418F		* / /	* / /	
C-6	Main Intercommunication (ICS) junction box	NA 01-85ADC-2-27.5.3	4284V		* / /	* / /	
C-7	Wiring	NA 01-85ADC-2-27.5.2	6284V		* / /	* / /	
D	Organizational maintenance						
D-1	R&R pilots C2645 (E-1, E-2 and E-3)	NA 01-85ADC-2-13	64184		* / /	* / /	
D-2	R&R pilots C4949 (E-1, E-2 and E-3)	NA 01-85ADC-2-13	6418D		* / /	* / /	
D-3	R&R pilots C4951 (E-1, E-2 and E-3)	NA 01-85ADC-2-13	6418E		* / /	* / /	
D-4	R&R Pilots ICS switch (E-1, E-2 and E-3)	NA 01-85ADC-2-13	64R8Z		/ /	* / /	
D-5	R&R Pilots J1013 (E-1, E-2 and E-3)	NA 01-85ADC-2-13	6481F		/ /	* / /	
D-6	R&R Main ICS junction box	NA 01-85ADC-2-13	642C100		* / /	* / /	

B.10 Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the **AN/ARN-84 TACAN system,** using appropriate maintenance procedures and support/test equipment.

TASK #	TASK DESCRIPTION	REFERENCE	WUC	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
A	Theory of operations						
A-1	AN/ARN-84 TACAN system	NA 01-85ADC-2-27.5.2	713C0	*	* / /	* / /	
B	Functional check						
B-1	TACAN R/T converter	NA 01-85ADC-23.5.3	713C00	*	* / /	* / /	
B-2	TACAN control box	NA 01-85ADC-23.5.3	713C6	*	* / /	* / /	
B-3	Cabin dump panel	NA 01-85ADC-23.5.3	12233	*	* / /	* / /	
B-4	Electronic Horizontal Situation Indicator (EHSI)	NA 01-85ADC-23.5.3	J1B1E	*	* / /	* / /	
C	Fault isolation						
C-1	TACAN R/T converter	NA 01-85ADC-23.5.3	713C100	*	* / /	* / /	
C-2	TACAN control box	NA 01-85ADC-23.5.3	713C6	*	* / /	* / /	
C-3	Cabin dump panel	NA 01-85ADC-23.5.3	12233	*	* / /	* / /	
C-4	TACAN R/T converter mount	NA 01-85ADC-23.5.3	713C4	*	* / /	* / /	
C-5	Coax switch	NA 01-85ADC-23.5.3	6341B	*	* / /	* / /	
C-6	Coax transmission lines	NA 01-85ADC-23.5.3	6284T	*	* / /	* / /	
C-7	Electronic Horizontal Situation Indicator (EHSI)	NA 01-85ADC-23.5.3	51B1E	*	* / /	* / /	
C-8	Antenna 1 and 2	NA 01-85ADC-23.5.3	63423	*	* / /	* / /	
C-9	Wiring	NA 01-85ADC-25.5.1	6284T	*	* / /	* / /	
D	Organizational maintenance						
D-1	R&R TACAN R/T converter	NA 01-85ADC-2-13	713C100	*	* / /	* / /	
D-2	R&R TACAN control box	NA 01-85ADC-2-13	713C6	*	* / /	* / /	
D-3	Electronic Horizontal Situation Indicator (EHSI)	NA 01-85ADC-2-13	51R1E		/ /	* / /	
D-4	R&R coax switch	NA 01-85ADC-2-13	6341B		/ /	* / /	
D-5	R&R TACAN R/T converter mount	NA 01-85ADC-2-13	713C4		/ /	* / /	
D-6	R&R cabin dump panel	NA 01-85ADC-2-13	12233	*	/ /	* / /	
D-7	R&R antennas 1 and 2	NA 01-85ADC-2-13	63Y1E		/ /	* / /	
D-8	R&R analog to digital (A/D) converter	NA 01-85ADC-2-13	769A800		/ /	* / /	
D-9	R&R Bearing Distance Heading Indicator (BDHI)	NA 01-85ADC-2-13	71X1L		/ /	/ /	

B.11 Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the **AN/APX-72 Identify Friend or Foe (IFF) system,** using appropriate maintenance procedures and support/test equipment.

A	Theory of operations						
A-1	AN/APX-72 Identify Friend or Foe (IFF) system	NA 01-85ADC-2-23.5.3	65000	*	* / /	* / /	
B	Functional check						
B-1	IFF transponder	NA 01-85ADC-2-23.5.3	65340		* / /	* / /	
B-2	IFF airborne test set	NA 01-85ADC-2-23.5.3	6541Q00		* / /	* / /	
B-3	IFF control box	NA 01-85ADC-2-23.5.3	9541P00		* / /	* / /	

DA B.11 (Continued)

TASK #	TASK DESCRIPTION	REFERENCE	WUC	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
B-4	IFF lobing switch	NA 01-85ADC-2-23.5.3	65Y24		* / /	* / /	
B-5	Mode 4 (KIT-1C)	NA 01-85ADC-2-23.5.3	65Y1W		/ /	* / /	
B-6	Cabin dump panel	NA 01-85ADC-2-23.5.3	12233		/ /	/ /	
C	Fault isolation						
C-1	IFF transponder	NA 01-85ADC-2-23.5.3	6534100		* / /	* / /	
C-2	IFF airborne test set	NA 01-85ADC-2-23.5.3	6541Q00		* / /	* / /	
C-3	IFF control box	NA 01-85ADC-2-23.5.3	95Y1P00		* / /	* / /	
C-4	IFF lobing switch	NA 01-85ADC-2-23.5.3	65Y24		/ /	* / /	
C-5	KIT-1C	NA 01-85ADC-2-23.5.3	65X1W		/ /	* / /	
C-6	Coax transmission line	NA 01-85ADC-2-23.5.3	42846		/ /	* / /	
C-7	Antennas	NA 01-85ADC-2-23.5.3	66121		/ /	/ /	
C-8	Cabin dump panel	NA 01-85ADC-2-23.5.3	12233		/ /	/ /	
C-9	Wiring	NA 01-85ADC-2-25.5.1	42846		/ /	/ /	
C-10	Chaff/IFF switch	NA 01-85ADC-2-23.5.3			/ /	/ /	
D	Organizational maintenance						
D-1	R&R IFF transponder	NA 01-85ADC-2-13	6534100		* / /	* / /	
D-2	R&R IFF airborne test set	NA 01-85ADC-2-13	65Y1Q00		* / /	* / /	
D-3	R&R IFF control box	NA 01-85ADC-2-13	65YP00		* / /	* / /	
D-4	R&R IFF lobing switch	NA 01-85ADC-2-13	65Y24		/ /	* / /	
D-5	R&R KIT-1C	NA 01-85ADC-2-13	65Y1W		/ /	* / /	
D-6	Performs Mode 4 verification	NA 01-85ADC-2-13	65Y1W		/ /	* / /	
D-7	Keys KIT-1C	NA 01-85ADC-2-13	65Y1W		/ /	* / /	
D-8	R&R antennas	NA 01-85ADC-2-13	66121		/ /	* / /	
D-9	R&R cabin dump panel	NA 01-85ADC-2-13	12233		/ /	* / /	

B.12 Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the **AN/APS-130 RADAR system,** using appropriate maintenance procedures and support/test equipment.

A	Theory of operations						
A-1	AN/APS-130 RADAR system	NA 01-85ADC-2-27.5.2	726L0	*	* / /	* / /	
B	Functional check						
B-1	Antenna (pedestal)	NA 01-85ADC-2-23.5.3	726L100	*	* / /	* / /	
B-2	Antenna (receiver)	NA 01-85ADC-2-23.5.3	726L110	*	* / /	* / /	
B-3	Pilots Horizontal Display (PHD)	NA 01-85ADC-2-23.5.3	724EA00	*	* / /	* / /	
B-4	Direct View RADAR Indicator (DVRI)	NA 01-85ADC-2-23.5.3	726L500	*	* / /	* / /	
B-5	Display Control Panel (DCP)	NA 01-85ADC-2-23.5.3	72R34	*	* / /	* / /	
B-6	RADAR Control Panel (RCP)	NA 01-85ADC-2-23.5.3	726L400	*	* / /	* / /	
B-7	Reference Signal Generator (RSG)	NA 01-85ADC-2-23.5.3	726L300	*	* / /	* / /	
B-8	Transmission Modulator (T/M)	NA 01-85ADC-2-23.5.3	727L200	*	* / /	* / /	
B-9	Scan Stabilization Electronic Unit (SSE)	NA 01-85ADC-2-23.5.3	726120	*	* / /	* / /	
B-10	Low Voltage Power Supply (LVPS)	NA 01-85ADC-2-23.5.3	724EE00	*	* / /	* / /	
B-11	Digital Signal Data Converter (DSDC)	NA 01-85ADC-2-23.5.3	561AAAG		* / /	* / /	

DA B.12 (Continued)

TASK #	TASK DESCRIPTION	REFERENCE	WUC	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
B-12	Pilot’s Slew Stick (E-1)	NA 01-85ADC-2-23.5.3	72484	*	* / /	* / /	
B-13	Analog Digital (A/C) Converter	NA 01-85ADC-2-23.5.3	769A800	*	* / /	* / /	
C	Fault Isolation						
C-1	Antenna (pedestal)	NA 01-85ADC-2-23.5.3	726L100		/ /	* / /	
C-2	Antenna (receiver)	NA 01-85ADC-2-23.5.3	726L110		/ /	* / /	
C-3	Pilot’s Horizontal Display (PHD)	NA 01-85ADC-2-23.5.3	724EA00		/ /	* / /	
C-4	Direct View RADAR Indicator (DVRI)	NA 01-85ADC-2-23.5.3	726C500		/ /	* / /	
C-5	Display Control Panel (DCP)	NA 01-85ADC-2-23.5.3	72R34		/ /	* / /	
C-6	RADAR Conrol Panel (RCP)	NA 01-85ADC-2-23.5.3	726L400		/ /	* / /	
C-7	Reference Signal Generator (RSG)	NA 01-85ADC-2-23.5.3	726L300		/ /	* / /	
C-8	Transmitter Modulator (T/M)	NA 01-85ADC-2-23.5.3	726L200		/ /	* / /	
C-9	Scan Stabilization Electronic Unit (SSEU)	NA 01-85ADC-2-23.5.3	726L120		/ /	* / /	
C-10	Low Voltage Power Sulppy (LVPS)	NA 01-85ADC-2-23.5.3	724EE00		/ /	* / /	
C-11	Pilot’s Slew Stick (E-1)	NA 01-85ADC-2-23.5.3	72484		/ /	* / /	
C-12	Analog to Digital (A/D) Converter	NA 01-85ADC-2-23.5.3	769A800		/ /	* / /	
C-13	Digital Signal Data Converter (DSDC)	NA 01-85ADC-2-23.5.3	72Y1J00		/ /	* / /	
C-14	Waveguide	NA 01-85ADC-2-23.5.3	72R41		/ /	* / /	
C-15	Triax/wiring	NA 01-85ADC-2-23.5.2	42848C0		/ /	* / /	
C-16	N2 pressurization	NA 01-85ADC-2-16			/ /	* / /	
D	Organizational Maintenance						
D-1	R&R antenna (pedestal)	NA 01-85ADC-2-16	726L100		/ /	* / /	
D-2	R&R antenna (receiver)	NA 01-85ADC-2-16	726L100		/ /	* / /	
D-3	R&R Direct View RADAR Indicator (DVRI)	NA 01-85ADC-2-16	726L544		/ /	* / /	
D-4	R&R Pilot’s Horizontal Display (PHD)	NA 01-85ADC-2-16	726LEA00		/ /	* / /	
D-5	R&R Display Control Panel (DCP)	NA 01-85ADC-2-16	72R3B		/ /	* / /	
D-6	R&R RADAR Conrol Panel (RCP)	NA 01-85ADC-2-16	726L400		/ /	* / /	
D-7	R&R Reference Signal Generator (RSG)	NA 01-85ADC-2-16	726L300		/ /	* / /	
D-8	R&R Transmitter Modulator (T/M)	NA 01-85ADC-2-16	726L200		/ /	* / /	
D-9	R&R Scan Stabilization Electronic Unit (SSE)	NA 01-85ADC-2-16	726L120		/ /	* / /	
D-10	R&R Low Voltage Power Sulppy (LVPS)	NA 01-85ADC-2-16	726KL200		/ /	* / /	
D-11	R&R Digital Signal Data Converter (DSDC)	NA 01-85ADC-2-16	72Y1J00		/ /	* / /	
D-12	R&R Pilot’s Slew Stick (E-1)	NA 01-85ADC-2-16	72484		/ /	* / /	
D-13	R&R Waveguide	NA 01-85ADC-2-16	72484		/ /	* / /	
D-14	R&R Schrader valve	NA 01-85ADC-2-16			/ /	* / /	

B.13 Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the **AN/APN-194 RADAR Altimeter system,** using appropriate maintenance procedures and support/test equipment.

A	Theory of operations						
A-1	AN/APN-194 RADAR Altimeter system	NA 01-85ADC-2-27.1.1	722C0		* / /	* / /	
B	Functional check						
B-1	RADAR Altimeter R/T	NA 01-85ADC-2-23.5.4	722C100	*	* / /	* / /	

DA B.13 (Continued)

TASK #	TASK DESCRIPTION	REFERENCE	WUC	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
B-2	RADAR Altimeter blanker	NA 01-85ADC-2-23.5.4	722B15	*	* / /	* / /	
B-3	RADAR Altimeter indicator	NA 01-85ADC-2-23.5.4	722C500	*	* / /	* / /	
C	Fault Isolation						
C-1	RADAR Altimeter R/T	NA 01-85ADC-2-23.5.4	722C800		* / /	* / /	
C-2	RADAR Altimeter blanker	NA 01-85ADC-2-23.5.4	722BB		* / /	* / /	
C-3	RADAR Altimeter indicator	NA 01-85ADC-2-23.5.4	722C200		* / /	* / /	
C-4	RADAR Altimeter transmit/receive antenna	NA 01-85ADC-2-23.5.4	72367		/ /	* / /	
C-5	Coax transmission line	NA 01-85ADC-2-23.5.4	42848		/ /	* / /	
C-6	Wiring	NA 01-85ADC-2-25.1	42848		/ /	* / /	
D	Organizational Maintenance						
D-1	R&R RADAR Altimeter R/T	NA 01-85ADC-2-18	722C100		/ /	* / /	
D-2	R&R RADAR Altimeter blanker	NA 01-85ADC-2-18	722B15		/ /	* / /	
D-3	R&R RADAR Altimeter indicator	NA 01-85ADC-2-18	722C500		* / /	* / /	
D-4	R&R RADAR Altimeter transmit/receive antenna	NA 01-85ADC-2-18	722BJ		/ /	* / /	

B.14 Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the **AN/ASN-130 INS system,** using appropriate maintenance procedures and support/test equipment.

A	Theory of operations						
A-1	AN/ASN-130 CAINS	NA 01-85ADC-2-27.5.2	73M10	*	* / /	* / /	
A-2	Control Display Navigation Unit (CDNU)	NA 01-85ADC-2-27.5.2	71X2700	*	* / /	* / /	
A-3	Inertial Navigation Unit (INU)	NA 01-85ADC-2-27.5.2	73M1800	*	* / /	* / /	
A-4	Digital Signal Data Converter (DSDC)	NA 01-85ADC-2-27.5.2	72Y1J00	*	* / /	* / /	
A-5	Tactical Computer (AYK-14, T/C)	NA 01-85ADC-2-27.5.2	74150	*	* / /	* / /	
A-6	1553 Data Bus system	NA 01-85ADC-2-27.5.2	4284Z	*	* / /	* / /	
A-7	ARINC 429 Data Bus system	NA 01-85ADC-2-27.5.2		*	* / /	* / /	
A-8	Analog/Digital converter (A/D)	NA 01-85ADC-2-27.5.2	769A800	*	* / /	* / /	
A-9	Navigation Contol Panel (NCP)	NA 01-85ADC-2-27.5.2	73R4300	*	* / /	* / /	
A-10	Interface Control Unit (ICU)	NA 01-85ADC-2-27.5.2	735LA00	*	* / /	* / /	
B	Functional Check						
B-1	Inertial Navigation Unit (INU)	NA 01-85ADC-2-23.5.4	73M1800	*	* / /	* / /	
B-2	Digital Signal Data Converter (DSDC)	NA 01-85ADC-2-23.5.4	72Y1J00	*	* / /	* / /	
B-3	1553 Data Bus system	NA 01-85ADC-2-23.5.4	4284Z	*	* / /	* / /	
B-4	ARINC 429 Data Bus system	NA 01-85ADC-2-23.5.4		*	* / /	* / /	
B-5	Interface Control Unit (ICU)	NA 01-85ADC-2-23.5.4	735LA00	*	* / /	* / /	
B-6	Control Display Navigation Unit (CDNU)	NA 01-85ADC-2-23.5.4	71X2700	*	* / /	* / /	
B-7	Navigation Contol Panel (NCP)	NA 01-85ADC-2-23.5.4	73R4300	*	* / /	* / /	
B-8	Ground alignment	NA 01-85ADC-2-23.5.4	73M10	*	* / /	* / /	
B-9	CV alignment (RF data link)	NA 01-85ADC-2-23.5.4	73M10	*	* / /	* / /	
B-10	Attitude mode (ANRS)	NA 01-85ADC-2-23.5.4	73M10	*	* / /	* / /	
B-11	ASW-25 interface	NA 01-85ADC-2-23.5.4	73M10	*	* / /	* / /	

DA B.14 (Continued)

TASK #	TASK DESCRIPTION	REFERENCE	WUC	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
B-12	BIT (testing and calibration)	NA 01-85ADC-2-23.5.4	73M10	*	* / /	* / /	
B-13	CAINS mode	NA 01-85ADC-2-23.5.4	73M10	*	* / /	* / /	
B-14	Stand alone mode	NA 01-85ADC-2-23.5.4	73M10	*	* / /	* / /	
B-15	Dead reckoning mode	NA 01-85ADC-2-23.5.4	73M10	*	* / /	* / /	
C	Fault isolation	NA 01-85ADC-2-23.5.4					
C-1	Inertial Navigation Unit (INU)	NA 01-85ADC-2-23.5.4	73M1800		/ /	* / /	
C-2	Tactical Computer (T/C)	NA 01-85ADC-2-23.5.4	735L0		/ /	* / /	
C-3	Analog/Digital converter (A/D)	NA 01-85ADC-2-23.5.4	769A800		/ /	* / /	
C-4	Digital Signal Data Converter (DSDC)	NA 01-85ADC-2-23.5.4	72Y1J00		* / /	* / /	
C-5	1553 Data Bus system	NA 01-85ADC-2-23.5.4	4284Z		* / /	* / /	
C-6	ARINC 429 Data Bus system	NA 01-85ADC-2-23.5.4			/ /	* / /	
C-7	Interface Control Unit (ICU)	NA 01-85ADC-2-23.5.4	71X2700		/ /	* / /	
C-8	Control Display Navigation Unit (CDNU)	NA 01-85ADC-2-23.5.4	71X2700		/ /	* / /	
C-9	Navigation Contol Panel (NCP)	NA 01-85ADC-2-23.5.4	72R3B		/ /	* / /	
C-10	ASW-25 data link	NA 01-85ADC-2-23.5.4	65312		* / /	* / /	
D	Organizational Maintenance						
D-1	R&R Inertial Navigation Unit (INU)	NA 01-85ADC-2-18	73M1800		* / /	/ /	
D-2	R&R Control Display Navigation Unit (CDNU)	NA 01-85ADC-2-18	71X2700		/ /	* / /	
D-3	R&R Navigation Contol Panel (NCP)	NA 01-85ADC-2-18	73R4300		* / /	* / /	
D-4	R&R Analog/Digital Converter (A/D)	NA 01-85ADC-2-18	769A800		/ /	* / /	
D-5	R&R Digital Signal Data Converter (DSDC)	NA 01-85ADC-2-18	72Y1J00		/ /	* / /	
D-6	R&R Interface Control Unit (ICU)	NA 01-85ADC-2-18	735LA00		/ /	/ /	
D-7	R&R ASW-25 control panel	NA 01-85ADC-2-18	65312		* / /	* / /	
D-8	R&R ASW-25 converter/receiver	NA 01-85ADC-2-18	6551100		/ /	* / /	
D-9	Sets internal frequency on ASW-25 control box	NA 01-85ADC-2-18	65312		* / /	/ /	

B.15 Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the **AN/ASN-172 EGI/INS system,** using appropriate maintenance procedures and support/test equipment.

A	Theory of operations						
A-1	AN/ASN-172 Embedded Global Positioning (EGI/INS)	NA 01-85ADC-2-27.5.3	716P0		* / /	* / /	
B	Functional Check						
B-1	Embedded Global Positioning/Inertial Nav (EGI/INS)	NA 01-85ADC-2-23.5.4	716P1		* / /	* / /	
B-2	Control Display Navigation Unit (CDNU)	NA 01-85ADC-2-23.5.4	71X2700		* / /	* / /	
B-3	Interface Receptacle Unit	NA 01-85ADC-2-23.5.4	735LA00		* / /	* / /	
C	Fault Isolation						
C-1	Embedded Global Positioning/Inertial Nav (EGI/INS)	NA 01-85ADC-2-23.5.4	716P1		* / /	* / /	
C-2	Control Display Navigation Unit (CDNU)	NA 01-85ADC-2-23.5.4	71X2700		* / /	* / /	

DA B.15 (Continued)

TASK #	TASK DESCRIPTION	REFERENCE	WUC	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
C-3	Global Positioning System (GPS) antenna	NA 01-85ADC-2-23.5.4	71XA6		* / /	* / /	
C-4	Interface Receptacle Unit	NA 01-85ADC-2-23.5.4	735LA00		* / /	* / /	
C-5	Antenna amplifier	NA 01-85ADC-2-23.5.4	71Y9X00		* / /	* / /	
C-6	1553 Data bus system	NA 01-85ADC-2-23.5.4	42842		* / /	* / /	
C-7	ARINC Data bus system	NA 01-85ADC-2-23.5.4			* / /	* / /	
D	Organizational Maintenance						
D-1	R&R Embedded Global Positioning/Inertial Nav (EGI/INS)	NA 01-85ADC-2-18	716P1		* / /	* / /	
D-2	R&R Control Display Navigation Unit (CDNU)	NA 01-85ADC-2-18	71X2700		* / /	* / /	
D-3	R&R Global Positioning System (GPS) antenna	NA 01-85ADC-2-18	71XA6		* / /	* / /	
D-4	R&R Interface Recptacle Unit	NA 01-85ADC-2-18	735LA00		* / /	* / /	
D-5	R&R Antenna amplifier	NA 01-85ADC-2-18	71Y9X00		* / /	* / /	

B.16 Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the **Electronic Flight Instrument System (EFIS),** using appropriate maintenance procedures and support/test equipment.

A	Theory of operations						
A-1	AN/ASN-172 Embedded Global Positioning (EGI/INS)	NA 01-85ADC-2-27.5.4	716P1		* / /	* / /	
B	Functional Check						
B-1	Symbol generator	NA 01-85ADC-2-23.5.4	563PE		/ /	* / /	
B-2	Electronic Flight Instrument System (EFIS) interface unit	NA 01-85ADC-2-23.5.4	561AA		/ /	* / /	
B-3	Digital Signal Data Converter (DSDC)	NA 01-85ADC-2-23.5.4	72Y1J00		/ /	* / /	
B-4	Electronic Flight Instrument System (EFIS) control unit	NA 01-85ADC-2-23.5.4	561AAAB		/ /	* / /	
B-5	Electronic Horizontal Situation Indicator (EHSI)	NA 01-85ADC-2-23.5.4	561AAAC		/ /	* / /	
B-6	Electronic Attitude Direction Indicator (EADI)	NA 01-85ADC-2-23.5.4	561AAAC		/ /	* / /	
B-7	Auxiliary Electronic Flight Instrument System (EFIS) control panel	NA 01-85ADC-2-23.5.4	561AAAN		/ /	* / /	
C	Fault Isolation						
C-1	Symbol generator	NA 01-85ADC-2-23.5.4	563PE		* / /	* / /	
C-2	Electronic Flight Instrument System (EFIS) interface unit	NA 01-85ADC-2-23.5.4	561AA		* / /	* / /	
C-3	Digital Signal Data Converter (DSDC)	NA 01-85ADC-2-23.5.4	72Y1J00		* / /	* / /	
C-4	Electronic Flight Instrument System (EFIS) control panel	NA 01-85ADC-2-23.5.4	561AAAB		* / /	* / /	
C-5	Electronic Horizontal Situation Indicator (EHSI)	NA 01-85ADC-2-23.5.4	561AAAC		* / /	* / /	

DA B.16 (Continued)

TASK #	TASK DESCRIPTION	REFERENCE	WUC	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
C-6	Electronic Attitude Direction Indicator (EADI)	NA 01-85ADC-2-23.5.4	561AAAC		* / /	* / /	
C-7	Auxilliary Electronic Flight Instument System (EFIS) control panel	NA 01-85ADC-2-23.5.4	561AAAW		* / /	* / /	
D	Organizational Maintenance						
D-1	R&R Symbol generator	NA 01-85ADC-2-18	563PE		* / /	* / /	
D-2	R&R EFIS interface unit	NA 01-85ADC-2-18	561AAAF		* / /	* / /	
D-3	R&R Digital Signal Data Converter (DSDC)	NA 01-85ADC-2-18	72Y1J00		* / /	* / /	
D-4	R&R EFIS control panel	NA 01-85ADC-2-18	561AAAB		* / /	* / /	
D-5	R&R Electronic Horizontal Situation Indicator (EHSI)	NA 01-85ADC-2-18	561AAAC		* / /	* / /	
D-6	R&R Electronic Attitude Direction Indicator (EADI)	NA 01-85ADC-2-18	561AAAC		* / /	* / /	
D-7	Auxilliary Electronic Flight Instrument System (EFIS) control panel	NA 01-85ADC-2-18	561AAAN		* / /	* / /	

B.17 Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the **ASW-25 DATA link system,** using appropriate maintenance procedures and support/test equipment.

A	Theory of operations						
A-1	ASW-25 Data link system	NA 01-85ADC-2-27.1.1	63510	*	* / /	* / /	
A-2	ASW-25/CAINS interface	NA 01-85ADC-2-27.1.1	63510	*	* / /	* / /	
B	Functional check						
B-1	ASW-25 control box	NA 01-85ADC-2-23.5.4	63512	*	* / /	* / /	
B-2	ASW-25 converter receiver	NA 01-85ADC-2-23.5.4	6351100	*	* / /	* / /	
B-3	Attitude Reference Indicator (ARI)	NA 01-85ADC-2-23.5.4	71XR1	*	* / /	* / /	
B-4	Air navigation computer	NA 01-85ADC-2-23.5.4	6351300	*			
B-5	Ladder lights	NA 01-85ADC-2-23.5.4	6351300	*	* / /	* / /	
C	Fault Isolation						
C-1	ASW-25 control box	NA 01-85ADC-2-23.5.4	63512		* / /	* / /	
C-2	ASW-25 converter receiver	NA 01-85ADC-2-23.5.4	7351100		* / /	* / /	
C-3	Attitude Reference Indicator (ARI)	NA 01-85ADC-2-23.5.4	71XR1		/ /	* / /	
C-4	Display control panel (DCP)	NA 01-85ADC-2-23.5.4	72R38		/ /	* / /	
C-5	Ladder lights	NA 01-85ADC-2-23.5.4	6351300		* / /	* / /	
C-6	Interface Control Unit (ICU)	NA 01-85ADC-2-23.5.4	735AA00		/ /	/ /	
C-7	Coax transmission line	NA 01-85ADC-2-23.5.4	42847		/ /	/ /	
C-8	Wiring	NA 01-85ADC-2-25.5.1	42847		* / /	/ /	
C-9	Air navigation computer	NA 01-85ADC-2-23.5.4	573L100		/ /	* / /	
D	Organizational Maintenance						
D-1	R&R ASW-25 control box	NA 01-85ADC-2-14	63512		* / /	* / /	
D-2	R&R ASW-25 converter receiver	NA 01-85ADC-2-14	6351100		* / /	* / /	
D-3	R&R Attitude Reference Indicator (ARI)	NA 01-85ADC-2-14	71X1R		/ /	/ /	

DA B.17 (Continued)

TASK #	TASK DESCRIPTION	REFERENCE	WUC	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
D-4	R&R Display control panel	NA 01-85ADC-2-14	72R3B		* / /	/ /	
D-5	Sets A/C address	NA 01-85ADC-2-14	6351100		* / /	* / /	

B.18 Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the **AN/ARA-63 ILS system,** using appropriate maintenance procedures and support/test equipment.

A	Theory of operations						
A-1	AN/ARA-63 Instrument Landing System (ILS)	NA 01-85ADC-2-27.1.1	71D10		* / /	* / /	
B	Functional Check						
B-1	KY-651 receiver	NA 01-85ADC-2-23.5.4	71D1200		* / /	* / /	
B-2	ARA-63 control box	NA 01-85ADC-2-23.5.4	71D13		* / /	* / /	
C	Fault Isolation						
C-1	KY-651 receiver	NA 01-85ADC-2-23.5.4	71D1200		/ /	/ /	
C-2	ARA-63 receiver	NA 01-85ADC-2-23.5.4	71D1100		* / /	* / /	
C-3	Antenna	NA 01-85ADC-2-23.5.4	4284T		/ /	/ /	
C-4	Attitude Reference Indicator (ARI)	NA 01-85ADC-2-23.5.4	71X1R		/ /	/ /	
D	Organizational Maintenance						
D-1	R&R KY-651 decoder	NA 01-85ADC-2-14	7101200		* / /	* / /	
D-2	R&R ARA-63 receiver	NA 01-85ADC-2-14	71D1100		* / /	* / /	
D-3	R&R ARA-63 control box	NA 01-85ADC-2-14	71013		* / /	* / /	
D-4	R&R Attitude Reference Indicator (ARI)	NA 01-85ADC-2-14	71X1R		/ /	/ /	

B.19 Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the **AN/APN-154 RADAR beacon system,** using appropriate maintenance procedures and support/test equipment.

A	Theory of operations						
A-1	AN/APN-154 RADAR beacon system	NA 01-85ADC-2-27.1.1	72390	*	* / /	* / /	
B	Functional Check						
B-1	Receiver Augmentor	NA 01-85ADC-2-23.5.4	72YF00	*	* / /	* / /	
B-2	Receiver/Tramsmitter (R/T)	NA 01-85ADC-2-23.5.4	72239100	*	* / /	* / /	
B-3	Duplexer	NA 01-85ADC-2-23.5.4	72392	*	* / /	* / /	
B-4	Modulator	NA 01-85ADC-2-23.5.4	7239110	*	* / /	* / /	
B-5	Control box	NA 01-85ADC-2-23.5.4	72392	*	* / /	* / /	
C	Fault Isolation						
C-1	Receiver Augmentor	NA 01-85ADC-2-23.5.4	72YF00		/ /	* / /	
C-2	Receiver/Tramsmitter (R/T)	NA 01-85ADC-2-23.5.4	7239100		/ /	* / /	
C-3	Duplexer	NA 01-85ADC-2-23.5.4	72393		/ /	* / /	
C-4	Modulator	NA 01-85ADC-2-23.5.4	7239110		/ /	* / /	
C-5	Receive antenna	NA 01-85ADC-2-23.5.4	7239A		/ /	* / /	
C-6	Transmit antenna	NA 01-85ADC-2-23.5.4	7239A		/ /	/ /	

DA B.19 (Continued)

TASK #	TASK DESCRIPTION	REFERENCE	WUC	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
C-7	Wiring	NA 01-85ADC-2-25.5.1	42848		/ /	* / /	
C-8	Coax transmission line	NA 01-85ADC-2-23.5.4	42848		/ /	/ /	
D	Organizational Maintenance						
D-1	R&R Receiver Augmentor	NA 01-85ADC-2-14	72Y1F00		/ /	* / /	
D-2	R&R Receiver/Tramsmitter (R/T)	NA 01-85ADC-2-14	7239100		/ /	* / /	
D-3	R&R Duplexer	NA 01-85ADC-2-14	72393		/ /	* / /	
D-4	R&R Modulator	NA 01-85ADC-2-14	7239110		/ /	* / /	
D-5	R&R Control Box	NA 01-85ADC-2-14	72392		* / /	* / /	

B.20 Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the **OZ-72(V)3 (C)/A, Multi-Mission Advanced Tactical Terminal (MATT),** using appropriate maintenance procedures and support/test equipment.

A	Theory of operations						
A-1	Multi-Mission Advanced Tactical Terminal (MATT)	NA 01-85ADC-2-64	69X9500		* / /	* / /	
B	Functional Check						
B-1	Multi-Mission Advanced Tactical Terminal (MATT)	NA 01-85ADC-2-64	69X9500		* / /	* / /	
C	Fault Isolation						
C-1	Crypto Multi-Mission Advanced Tactical Terminal (MATT)	NA 01-85ADC-2-64			* / /	* / /	
C-2	Non-Cryto MATT	NA 01-85ADC-2-64			* / /	* / /	
C-3	Laptop Computer Interface Panel (LCIP)	NA 01-85ADC-2-64			* / /	* / /	
C-4	Satellite Communication Antenna	NA 01-85ADC-2-64	69X9530		* / /	* / /	
C-5	Signal Conditioner	NA 01-85ADC-2-64			* / /	* / /	
C-6	MATT mounting base assembly	NA 01-85ADC-2-64	69X9D		* / /	* / /	
C-7	Laptop	NA 01-85ADC-2-64	69X9700		* / /	* / /	
C-8	Laptop computer interface cable	NA 01-85ADC-2-64			* / /	* / /	
C-9	Remote crypto fill panel	NA 01-85ADC-2-64			* / /	* / /	
C-10	Battery pack assembly (nickel cadmium)	NA 01-85ADC-2-64	67RU15R		* / /	* / /	
C-11	KVG-113/TSEC	NA 01-85ADC-2-64			* / /	* / /	
C-12	KVG-26/TSEC	NA 01-85ADC-2-64	69X9B		* / /	* / /	
C-13	1553 Data bus	NA 01-85ADC-2-64	69X9A		* / /	* / /	
C-14	Wiring	NA 01-85ADC-2-64	4284Z		* / /	* / /	
C-15	Coax transmission line	NA 01-85ADC-2-64			* / /	* / /	
D	Organizational Maintenance						
D-1	R&R Multi-Mission Advanced Tactical Terminal (MATT)	NA 01-85ADC-2-64	69X9500		* / /	* / /	
D-2	R&R Laptop Computer Interface Panel (LCIP)	NA 01-85ADC-2-64	69X9530		* / /	* / /	
D-3	R&R Satellite Communication Antenna	NA 01-85ADC-2-64	621MA		* / /	* / /	
D-4	R&R Signal Conditioner	NA 01-85ADC-2-64	69X9D		* / /	* / /	

DA B.20 (Continued)

TASK #	TASK DESCRIPTION	REFERENCE	WUC	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
D-5	R&R Remote crypto fill panel	NA 01-85ADC-2-64	67RU15R		* / /	* / /	
D-6	R&R MATT mounting base assembly	NA 01-85ADC-2-64	69X9700		* / /	* / /	
D-7	R&R Battery pack assembly (nickel cadmium)	NA 01-85ADC-2-64			* / /	* / /	
D-8	R&R KVG-113/TSEC	NA 01-85ADC-2-64	69X9B		* / /	* / /	
D-9	R&R KVG-26/TSEC	NA 01-85ADC-2-64	69X9A		* / /	* / /	
D-10	R&R cable assembly(s)	NA 01-85ADC-2-64			* / /	* / /	

B.21 Demonstrates/applies knowledge of theory of operation and performs applicable organizational level maintenance on the **MD-1295/A Improved Data Modem (IDM),** using appropriate maintenance procedures and support/test equipment.

A	Theory of operations						
A-1	MD-1295/A Improved Data Modem (IDM)	NA 01-85ADC-2-64	69X96		/ /	* / /	
B	Functional check						
B-1	MD-1295/A Improved Data Modem (IDM)	NA 01-85ADC-2-64	69X96		/ /	* / /	
C	Fault Isolation						
C-1	Improved Data Modem (IDM)	NA 01-85ADC-2-64	69X96		* / /	* / /	
C-2	AN/ARC-182 R/T	NA 01-85ADC-2-64	62X2100		* / /	* / /	
C-3	KY-58 TSEC	NA 01-85ADC-2-64	67410		* / /	* / /	
C-4	AN/ARC-182 Antenna	NA 01-85ADC-2-64	62X3J		* / /	* / /	
C-5	V/UHF#3 selection panel	NA 01-85ADC-2-64	42B720		* / /	* / /	
C-6	SA-521 switching unit	NA 01-85ADC-2-64	63Y1B		* / /	* / /	
C-7	Improved Data Modem (IDM) mounting base assembly	NA 01-85ADC-2-64	69X98		* / /	* / /	
C-8	Laptop	NA 01-85ADC-2-64			* / /	* / /	
C-9	Laptop Computer Interface Panel (LCIP)	NA 01-85ADC-2-64	69X9530		* / /	* / /	
C-10	Laptop computer interface cable	NA 01-85ADC-2-64			* / /	* / /	
C-11	1553 Data bus	NA 01-85ADC-2-64	4284Z		* / /	* / /	
C-12	Wiring	NA 01-85ADC-2-64			* / /	* / /	
C-13	Coax transmission line	NA 01-85ADC-2-64			* / /	* / /	
D	Organizational Maintenance						
D-1	R&R Improved Data Modem (IDM)	NA 01-85ADC-2-64	69X96		* / /	* / /	
D-2	R&R AN/ARC-182 RT	NA 01-85ADC-2-64	62X2100		* / /	* / /	
D-3	R&R AN/ARC-182 Antenna	NA 01-85ADC-2-64	62X3J		* / /	* / /	
D-4	R&R KY-58 TSEC	NA 01-85ADC-2-64	67410		* / /	* / /	
D-5	R&R V/UHF#3 selection panel	NA 01-85ADC-2-64	42B720		* / /	* / /	
D-6	R&R SA-521 switching unit	NA 01-85ADC-2-64	63Y1B		* / /	* / /	
D-7	R&R Laptop Computer Interface Panel (LCIP)	NA 01-85ADC-2-64	69X9530		* / /	* / /	
D-8	R&R Improved Data Modem (IDM) mounting base assembly	NA 01-85ADC-2-64	69X98		* / /	* / /	
D-9	R&R avionics tray	NA 01-85ADC-2-64	69X9710		* / /	* / /	

DA B.21 (Continued)

TASK #	TASK DESCRIPTION	REFERENCE	WUC	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
D-10	R&R Improved Data Modem (IDM) termination panel	NA 01-85ADC-2-64			* / /	* / /	
D-11	R&R power supply	NA 01-85ADC-2-64			* / /	* / /	
D-12	R&R cable assembly(s)	NA 01-85ADC-2-64			* / /	* / /	

APPENDIX A

INDIVIDUAL EXPERIENCE DATA SHEET

INDIVIDUAL DATA

NAME: _____

SSN: _____

FORMAL SCHOOLS

SCHOOLS NAME	DATE COMPLETED

UNIT EXPERIENCE DATA

UNIT	SHOP	BILLET	FROM/TO DATES

COMMENTS:

_____

_____

_____

APPENDIX C

WORK CENTER SUMMARY
AIRCRAFT COMMUNICATION/NAVIGATION/RADAR SYSTEMS TECHNICIAN MOS (6313)

WORK CENTER NAME/NUMBER:_____

NAME/MOS	LEVEL	A.1	A.2	A.3	A.4	B.1	B.2	B.3	B.4	B.5	B.6	B.7	B.8	B.9	B.10	B.11
	II	XXXX				XXXX	XXXX	XXXX				XXXX				
	III	XXXX														
	IV															
	II	XXXX				XXXX	XXXX	XXXX				XXXX				
	III	XXXX														
	IV															
	II	XXXX				XXXX	XXXX	XXXX				XXXX				
	III	XXXX														
	IV															
	II	XXXX				XXXX	XXXX	XXXX				XXXX				
	III	XXXX														
	IV															
	II	XXXX				XXXX	XXXX	XXXX				XXXX				
	III	XXXX														
	IV															
	II	XXXX				XXXX	XXXX	XXXX				XXXX				
	III	XXXX														
	IV															
	II	XXXX				XXXX	XXXX	XXXX				XXXX				
	III	XXXX														
	IV															
	II	XXXX				XXXX	XXXX	XXXX				XXXX				
	III	XXXX														
	IV															
	II	XXXX				XXXX	XXXX	XXXX				XXXX				
	III	XXXX														
	IV															
	II	XXXX				XXXX	XXXX	XXXX				XXXX				
	III	XXXX														
	IV															
	II	XXXX				XXXX	XXXX	XXXX				XXXX				
	III	XXXX														
	IV															

DATE: April 2003

APPENDIX C

WORK CENTER SUMMARY
AIRCRAFT COMMUNICATION/NAVIGATION/RADAR SYSTEMS TECHNICIAN MOS (6313)

WORK CENTER NAME/NUMBER:_____

NAME/MOS	LEVEL	B.12	B.13	B.14	B.15	B.16	B.17	B.18	B.19	B.20	B.21
	II										
	III										
	IV										
	II										
	III										
	IV										
	II										
	III										
	IV										
	II										
	III										
	IV										
	II										
	III										
	IV										
	II										
	III										
	IV										
	II										
	III										
	IV										
	II										
	III										
	IV										
	II										
	III										
	IV										
	II										
	III										
	IV										
	II										
	III										
	IV										

DATE: April 2003

APPENDIX D

SUPPORT EQUIPMENT LICENSING RECORD

SUPPORT EQUIPMENT NOMENCLATURE	REFERENCE	PHASE I	PHASE II	LICENSED	EXPIRATION