DUTY AREA
AIRCRAFT NAVIGATION SYSTEM TECHNICIAN IFF/RADAR/TACAN (MOS 6413/6414)

A. GENERAL, OPERATIONAL AND SAFETY DUTIES

1. Demonstrates/applies applicable **safety precautions and procedures around the work center**.
2. Demonstrates/applies knowledge of applicable **publications, diagrams, sketches, and drawings**.
3. Perform tasks using applicable **precision measuring equipment**.

B. SCHEDULED AND UNSCHEDULED MAINTENANCE DUTIES

1. Performs **required scheduled/unscheduled inspections** on applicable systems/components as per maintenance requirement cards.
2. Incorporates applicable **technical directives changes/bulletins**.
3. Detects corrosion and performs **corrosion control**.
4. Demonstrates/applies knowledge of principles of operation and performs applicable intermediate level maintenance on the **electronic altimeter set, AN/APN-133(V)**, using appropriate maintenance procedures and support/test equipment. (C-130 A/C)
5. Demonstrates/applies knowledge of principles of operation and performs applicable intermediate level maintenance on the **radar beacon set, AN/APN-154( )(V)**, using appropriate maintenance procedures and support/test equipment. (C-130, CH-46, CH-53 A/C)
6. Demonstrates/applies knowledge of principles of operation and performs applicable intermediate level maintenance on the **electronic altimeter set, AN/APN-171( )(V)( )**, using appropriate maintenance procedures and support/test equipment.
7. Demonstrates/applies knowledge of principles of operation and performs applicable intermediate level maintenance on the **electronic altimeter set, AN/APN-194(V), solid state version**, using appropriate maintenance procedures and support/test equipment.
8. Demonstrates/applies knowledge of principles of operation and performs applicable intermediate level maintenance on the **electronic altimeter set, AN/APN-194(V), vacuum tube version**, using appropriate maintenance procedures and support/test equipment.
9. Demonstrates/applies knowledge of principles of operation and performs applicable intermediate level maintenance on the **radar beacon set, AN/APN-202**, using appropriate maintenance procedures and support/test equipment. (F-18 A/C)
10. Demonstrates/applies knowledge of principles of operation and performs applicable intermediate level maintenance on the **radar altimeter AN/APN-22**, using appropriate maintenance procedures and support/test equipment. (C-130 A/C)
11. Demonstrates/applies knowledge of principles of operation and performs applicable intermediate level maintenance on the **airborne weather radar set, AN/APS-133(V)**, using appropriate maintenance procedures and support/test equipment. (C-130 A/C)
12. Demonstrates/applies knowledge of principles of operation and performs applicable intermediate level maintenance on the **transponder set, AN/APX-100(V)**, using appropriate maintenance procedures and support/test equipment. F-18, AV-8, AH-1W A/C)
13. Demonstrates/applies knowledge of principles of operation and performs applicable intermediate level maintenance on the **transponder set, AN/APX-64(V)**, using appropriate maintenance procedures and support/test equipment. (CH-53 A/C)
14. Demonstrates/applies knowledge of principles of operation and performs applicable intermediate level maintenance on the **transponder set, AN/APX-72**, using appropriate maintenance procedures and support/test equipment.
15. Demonstrates/applies knowledge of principles of operation and performs applicable intermediate level maintenance on the **interrogator set, AN/APX-76**, using appropriate maintenance procedures and support/test equipment. (C-130 A/C)
16. Demonstrates/applies knowledge of principles of operation and performs applicable intermediate level maintenance on the **receiving decoding group, AN/ARA-63**, using appropriate maintenance procedures and support/test equipment. (EA-6, F-18D, C-130, AV-8 A/C)
17. Demonstrates/applies knowledge of principles of operation and performs applicable intermediate level maintenance on the **TACAN navigation set, AN/ARN-118()( )**, using appropriate maintenance procedures and support/test equipment. (H-1, CH-46, CH-53, C-130, F-18, AV-8 A/C)

MOS 6413/6414 (Continued)

18. Demonstrates/applies knowledge of principles of operation and performs applicable intermediate level maintenance on the **TACAN navigation set, AN/ARN-21**, using appropriate maintenance procedures and support/test equipment.
19. Demonstrates/applies knowledge of principles of operation and performs applicable intermediate level maintenance on the **navigation set, AN/ARN-52(V)( )**, using appropriate maintenance procedures and support/test equipment. (CH-53, H-1 A/C)
20. Demonstrates/applies knowledge of principles of operation and performs applicable intermediate level maintenance on the **direction finder set, AN/ARN-59(V)**, using appropriate maintenance procedures and support/test equipment. (CH-53, CH-46 A/C)
21. Demonstrates/applies knowledge of principles of operation and performs applicable intermediate level maintenance on the **navigation set, AN/ARN-84(V)( )**, using appropriate maintenance procedures and support/test equipment. (H-1, C-130, EA-6 A/C)
22. Demonstrates/applies knowledge of principles of operation and performs applicable intermediate level maintenance on the **direction finder set, AN/ARN-89( )**, using appropriate maintenance procedures and support/test equipment. (H-1, CH-53 A/C)
23. Demonstrates/applies knowledge of principles of operation and performs applicable intermediate level maintenance on the **digital data communication set, AN/ASW-25( )**, using appropriate maintenance procedures and support/test equipment.
24. Demonstrates/applies knowledge of principles of operation and performs applicable intermediate level maintenance on the **digital data computer set, AN/AYK-14(V)( )**, using appropriate maintenance procedures and support/test equipment. (EA-6, F-18, AV-8 A/C)
25. Demonstrates/applies knowledge of principles of operation and performs applicable intermediate level maintenance on the **radar receiver, R-1623/APN**, using appropriate maintenance procedures and support/test equipment. (F-18 A/C)
26. Demonstrates/applies knowledge of principles of operation and performs applicable intermediate level maintenance on the **radio set SCR-718( )**, using appropriate maintenance procedures and support/test equipment. (C-130 A/C)
27. Demonstrates/applies knowledge of principles of operation and performs applicable intermediate level maintenance on the **tactical navigation set, AN/ASN-123**, using appropriate maintenance procedures and support/test equipment.

SKILL PROGRESSION LEVEL DEFINITIONS

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

LEVEL II: An asterisk in Level II indicates the task is taught at the NAMTRAMAR Unit. Other task in Level II not indicated with an asterisk will be signed off when exposed to the individual for the first time. All subsequent training in which the Marine performs after initial exposure should be annotated on the OPNAV 4790/33 form until he\she 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 w/o supervision. The unit is responsible for these sign-offs.

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 task in level III must be signed-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 NAVIGATION SYSTEM TECHNICIAN IFF/RADAR/TACAN (MOS 6413/6414)

NAME/SSN______________________________

GRANTED MOS 6411/6414 ____/____
GRANTED MOS 6413/6414 ____/____

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	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX			
A.1	SAFETY PRECAUTIONS AND PROCEDURES AROUND THE WORKCENTER	/	/	XXXXXXXXXXXXXXXXX	/
A.2	PUBLICATIONS, DIAGRAMS, SKETCHES, AND DRAWINGS	/	/	XXXXXXXXXXXXXXXXX	/
A.3	PRECISION MEASURING EQUIPMENT	/	/	XXXXXXXXXXXXXXXXX	/
B	SCHEDULED AND UNSCHEDULED MAINTENANCE DUTIES	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX			
B.1	REQUIRED SCHEDULED/UNSCHEDULED INSPECTIONS	XXXXXXXXXXXXXXXXX	/	XXXXXXXXXXXXXXXXX	/
B.2	TECHNICAL DIRECTIVES CHANGES/BULLETINS	XXXXXXXXXXXXXXXXX	/	XXXXXXXXXXXXXXXXX	/
B.3	CORROSION CONTROL	/	/	XXXXXXXXXXXXXXXXX	/
B.4	ELECTRONIC ALTIMETER SET, AN/APN-133(V)	XXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXX	/	/
B.5	RADAR BEACON SET, AN/APN-154( )(V)	XXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXX	/	/
B.6	ELECTRONIC ALTIMETER SET, AN/APN-171( )(V)( )	XXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXX	/	/
B.7	ELECTRONIC ALTIMETER SET, AN/APN-194(V), SOLID STATE VERSION	XXXXXXXXXXXXXXXXX	/	/	/
B.8	ELECTRONIC ALTIMETER SET, AN/APN-194(V), VACUU TUBE VERSION	XXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXX	/	/
B.9	RADAR BEACON SET, AN/APN-202	/	XXXXXXXXXXXXXXXXX	/	/
B.10	RADAR ALTIMETER, AN/APN-22	XXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXX	/	/
B.11	AIRBORNE WEATHER RADAR SET, AN/APS-133(V)	XXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXX	/	/
B.12	TRANSPONDER SET, AN/APX-100(V)	XXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXX	/	/
B.13	TRANSPONDER SET, AN/APX-64(V)	XXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXX	/	/
B.14	TRANSPONDER SET, AN/APX-72	XXXXXXXXXXXXXXXXX	/	/	/
B.15	INTERROGATOR SET, AN/APX-76	XXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXX	/	/
B.16	RECEIVING DECODING GROUP, AN/ARA-63( )	XXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXX	/	/
B.17	TACAN NAVIGATION SET, AN/ARN-118(V)( )	XXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXX	/	/
B.18	TACAN NAVIGATION SET, AN/ARN-21	XXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXX	/	/
B.19	TACAN NAVIGATION SET, AN/ARN-52(V)( )	XXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXX	/	/
B.20	DIRECTION FINDER SET, AN/ARN-59(V)	XXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXX	/	/
B.21	TACAN NAVIGATION SET, AN/ARN-84(V)( )	XXXXXXXXXXXXXXXXX	/	/	/
B.22	DIRECTION FINDER SET, AN/ARN-89( )	XXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXX	/	/
B.23	DIGITAL DATA COMMUNICATION SET, AN/ASW-25( )	XXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXX	/	/
B.24	DIGITAL DATA COMPUTER SET, AN/AYK-14(V)( )	XXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXX	/	/
B.25	RADAR RECEIVER, R-1623/APN	XXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXX	/
B.26	RADIO SET, SCR-718( )	XXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXX	/	/
B.27	TACTICAL NAVIGATION SET, AN/ASN-123	XXXXXXXXXXXXXXXXX	/	/	/

INDIVIDUAL QUALIFICATION RECORD
AIRCRAFT NAVIGATION SYSTEM TECHNICIAN IFF/RADAR/TACAN (MOS 6413/6414)

A. GENERAL, OPERATIONAL AND SAFETY DUTIES

A.1 Demonstrates/applies applicable **safety precautions and procedures around the work center**.

TASK #	TASK DESCRIPTION	REFERENCE	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
A	Ground occupational safety and health programs in specific areas					
A-1	First aid procedures	Marine BST/ Essential Subjects Book	*	* / /	/ /	
A-2	Hazardous material/waste	OPNAVINST 4790.2 OSHA 29 CER 1910 NAVAIR A1-NAOSH-SAF-000/P5100-1 DOD 4140.27M Local Instruction	*	* / /	/ /	
A-3	Safety procedures near electricity	OSHA 29 CER 1910 NAVAIR A1-NAOSH-SAF-000/P5100-1 Local Instruction	*	* / /	/ /	
A-4	Personal protective equipment, (Safety/flight boots, clothing, hearing/eye protection, etc.)	OSHA 29 CFR 1910 NAVAIR A1-NAOSH-SAF-000/P5100-1	*	* / /	/ /	
A-5	Safety markings	OSHA 29 CER 1910 NAVAIR A1-NAOSH-SAF-000/P5100-1 Local Instruction	*	* / /	/ /	
A-6	Safety procedures when applying or removing electrical power to mobile maintenance facilities	NA 19-25-172		* / /	/ /	
A-7	Emergency procedures			/ /	/ /	
A-8	Types of fire extinguishers	OSHA 29 CER 1910 NAVAIR A1-NAOSH-SAF-000/P5100-1		* / /	/ /	
B	Electro-Magnetic Interference (EMI), Electrical Static Discharge (ESD), & Electro-Magnetic Compatibility (EMC)	OPNAVINST 4790.2 CNTT-M2400 Local Instruction		/ /	/ /	
C	Emergency Reclamation	OPNAVINT 4790.2 NA 01-1A-509 NA 16-1-540 Local Instruction		/ /	* / /	

A.2 Demonstrates/applies knowledge of applicable **publications, diagrams, sketches, and drawings**.

TASK #	TASK DESCRIPTION	REFERENCE	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
A	Naval Aviation Maintenance Program (NAMP)	OPNAVINST 4790.2 series CNTT-M2400		* / /	/ /	
B	Naval Air Systems Command Technical Manual Program	NA 00-25-100		* / /	/ /	
C	Avionics Cleaning & Corrosion Control Manual	NA 16-1-540 CNTT-M2400		* / /	/ /	
D	Occupational Safety & Health Administration Manual	OSHA 29 CFR 1910		* / /	/ /	
E	Safety Requirements for Naval Aviation Shore Activities	NAVAIR A1-NAOSH-SAF-000/P5100-1		* / /	/ /	
F	Work Unit Code Manuals	NA 00-25-100		* / /	/ /	
G	Numerical Index Manual	NA 00-25-100		* / /	/ /	
H	General Aircraft Information & Special Support Equipment Manual	Appropriate A/C manual		* / /	/ /	
I	Maintenance Instruction Manuals w/IPB's	NA 00-25-100 CNTT-2355	*	/ /	/ /	
I-1	Communication Systems w/IPB	NA 00-25-100		* / /	/ /	
I-2	NA 00-500 (Series)	NA 00-25-100		* / /	/ /	
J	Navy Security Manual	OPNAVINST 5510.1H		* / /	/ /	

A.3 Performs tasks using applicable **precision measuring equipment**.

A	Operates analog multimeters	Appropriate manual	*	* / /	/ /	
B	Operates digital multimeters	Appropriate manual	*	* / /	/ /	
C	Operates signal generators	Appropriate manual	*	* / /	/ /	
D	Operates function generators	Appropriate manual		* / /	/ /	
E	Operates oscilloscopes	Appropriate manual	*	* / /	/ /	
F	Operates frequency counters	Appropriate manual		* / /	/ /	
G	Operates distortion analyzers	Appropriate manual		* / /	/ /	
H	Operates wattmeters	Appropriate manual	*	* / /	/ /	
I	Operates semiconductor testers	Appropriate manual		* / /	/ /	
J	Operates RF power meter	Appropriate manual		* / /	/ /	
K	Operates time domain reflectometers	Appropriate manual	*	/ /	/ /	
L	Operates frequency domain reflectometers	Appropriate manual	*	/ /	/ /	
M	Operates huntron trackers	Appropriate manual		/ /	/ /	
N	Operates RMS voltmeters	Appropriate manual		* / /	/ /	

INDIVIDUAL QUALIFICATION RECORD
AIRCRAFT NAVIGATION SYSTEM TECHNICIAN IFF/RADAR/TACAN (MOS 6413/6414)

B. SCHEDULED AND UNSCHEDULED MAINTENANCE DUTIES

B.1 Performs **required scheduled/unscheduled inspections** on applicable systems/components as per maintenance requirements cards.

TASK #	TASK DESCRIPTION	REFERENCE	WUC	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
A	Daily/Servicing/Preservation/Conditional Requirement Cards	NA 00-25-100			* / /	/ /	

B.2 Incorporates applicable **technical directives changes/bulletins**.

A	Incorporates technical directives changes/bulletins	OPNAVINST 4790.2			* / /	/ /	

B.3 Detects corrosion and performs **corrosion control**.

A	Performs corrosion detection/prevention during all maintenance actions	NA 16-1-540 NA 01-1A-509		*	* / /	/ /	
B	Performs corrective action on corrosion discrepancies	NA 16-1-540 NA 01-1A-509			* / /	/ /	
C	Performs corrosion detection/prevention on support equipment	NA 17-1-125 NA 16-1-540 NA 01-1A-509			/ /	/ /	

B.4 Demonstrates/applies knowledge of principles of operation and performs applicable intermediate level maintenance on the **electronic altimeter set, AN/APN-133(V)**, using appropriate maintenance procedures and support/test equipment. (C-130 A/C)

A	Principles of operation						
A-1	Electronic altimeter set, AN/APN-133( )				/ /	/ /	
A-1.1	Receiver transmitter, TR-529( )/APN-133	NA 16-30APN133-1 NA 16-30APN133-2	7235100		/ /	/ /	
A-1.2	Height indicator, IP-667/ARN-133A	NA 16-30APN133-1 NA 16-30APN133-2	72354		/ /	/ /	
B	Test and check						
B-1	Receiver transmitter, TR-529( )/APN-133	NA 16-30APN133-1 NA 16-30APN133-2	7235100		/ /	/ /	
B-2	Height indicator, IP-667/ARN-133A	NA 16-30APN133-1 NA 16-30APN133-2	72354		/ /	/ /	

DA B.4 Continued

TASK #	TASK DESCRIPTION	REFERENCE	WUC	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
C	Troubleshoot						
C-1	Receiver transmitter, RT-529( )/APN-133	NA 16-30APN133-1 NA 16-30APN133-2	7235100		/ /	/ /	
C-2	Height indicator, IP-667/ARN-133A	NA 16-30APN133-1 NA 16-30APN133-2	72354		/ /	/ /	
D	Intermediate maintenance						
D-1	A/D receiver transmitter, RT-529( )/APN-133	NA 16-30APN133-1 NA 16-30APN133-2	7235100		/ /	/ /	
D-1A	Align/adjust receiver transmitter, RT-529( )/APN-133	NA 16-30APN133-1 NA 16-30APN133-2	7235100		/ /	* / /	
D-1.1	R&R assemblies	NA 16-30APN133-1 NA 16-30APN133-2	7235100		/ /	/ /	
D-1.2	A/D amplifier assembly	NA 16-30APN133-1 NA 16-30APN133-2	7235110		/ /	/ /	
D-1.3	Align/adjust IF amplifier assembly	NA 16-30APN133-1 NA 16-30APN133-2	7235110		/ /	* / /	
D-1.4	Repair front panel assembly	NA 16-30APN133-1 NA 16-30APN133-2	724540		/ /	/ /	
D-1.5	Repair component parts assembly	NA 16-30APN133-1 NA 16-30APN133-2	7235150		/ /	/ /	
D-1.6	Repair AGC/blanking assembly	NA 16-30APN133-1 NA 16-30APN133-2	7235160		/ /	/ /	
D-1.7	A/D height indicator, IP-667/APN-133A	NA 16-30APN133-1 NA 16-30APN133-2	72354		/ /	/ /	

B.5 Demonstrates/applies knowledge of principles of operation and performs applicable intermediate level maintenance on the **radar beacon set, AN/APN-154( )(V)**, using appropriate maintenance procedures and support/test equipment. (C-130, CH-53 A/C)

A	Principles of operation						
A-1	Radar beacon set, AN/APN-154( )(V)				/ /	/ /	
A-1.1	Radar receiver transmitter, RT-763( )/APN-154(V)	NA 16-30APN154-2	7239100		/ /	/ /	
A-1.2	Control unit, C-4419( )/APN-154(V)	NA 16-30APN154-2	72392		/ /	/ /	
A-1.3	Duplexer, CU-1104( )/APN-154(V)	NA 16-30APN154-2	72393		/ /	/ /	
B	Test and check						
B-1	Radar receiver transmitter, RT-763( )/APN-154(V)	NA 16-30APN154-2	7239100		/ /	/ /	
B-2	Control unit, C-4419( )/APN-154(V)	NA 16-30APN154-2	72392		/ /	/ /	
B-3	Duplexer, CU-1104( )/APN-154(V)	NA 16-30APN154-2	72393		/ /	/ /	
C	Intermediate maintenance						
B-1	Align/adjust radar receiver transmitter, RT-793( )/APN-154(V)	NA 16-30APN154-2	7239100		/ /	* / /	
B-2	A/D control unit, C-4419( )/APN-154(V)	NA 16-30APN154-2	72392		/ /	/ /	

B.6 Demonstrates/applies knowledge of principles of operation and performs applicable intermediate level maintenance on the **electronic altimeter set, AN/APN-171( )(V)( )**, using appropriate maintenance procedures and support/test equipment.

TASK #	TASK DESCRIPTION	REFERENCE	WUC	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
A	Principles of operation						
A-1	Radar receiver transmitter, RT-829( )/APN-171(V)	NA 16-30APN171-1	7244500		/ /	/ /	
A-2	Radar receiver transmitter, RT-804( )/APN-171(V)	NA 16-30APN171-1	7244500		/ /	/ /	
B	Test and check						
B-1	Radar receiver transmitter, RT-829( )/APN-171(V)	NA 16-30APN171-1	7244500		/ /	* / /	
B-2	Radar receiver transmitter, RT-804( )/APN-171(V)	NA 16-30APN171-1	7244500		/ /	/ /	
C	Troubleshoot						
C-1	Radar receiver transmitter, RT-804( )/APN-171(V)	NA 16-30APN171-1	7244500		/ /	/ /	
C-2	Radar receiver transmitter, RT-829( )/APN-171(V)	NA 16-30APN171-1	7244500		/ /	/ /	
D	Principles of operation						
D-1	A/D radar receiver transmitter, RT-804( )/APN-171(V)	NA 16-30APN171-1	7244500		/ /	/ /	
D-1A	Align/adjust radar receiver transmitter, RT-804( )/APN-171(V)	NA 16-30APN171-1	7244500		/ /	* / /	
D-2	A/D radar receiver transmitter, RT-829( )/APN-171(V)	NA 16-30APN171-1	7244500		/ /	/ /	
D-2A	Align/adjust radar receiver transmitter, RT-829( )/APN-171(V)	NA 16-30APN171-1	7244500		/ /	* / /	
D-3	R&R subassemblies				/ /	/ /	
D-3.1	R&R chassis/filter, A7	NA 16-30APN171-1	7244510		/ /	/ /	
D-3.2	R&R power supply, A8	NA 16-30APN171-1	7244520		/ /	/ /	
D-3.3	R&R receiver	NA 16-30APN171-1	7244530		/ /	/ /	
D-3.4	R&R transmitter, A9	NA 16-30APN171-1	7244500		/ /	/ /	
D-3.5	R&R amplifier/detector, A10	NA 16-30APN171-1	7244550		/ /	/ /	
D-3.6	R&R range computer, #1, A1	NA 16-30APN171-1	7244560		/ /	/ /	
D-3.7	R&R range computer, #2, A2	NA 16-30APN171-1	7244570		/ /	/ /	
D-3.8	R&R range computer, #3, A3	NA 16-30APN171-1	7244580		/ /	/ /	
D-3.9	R&R range computer, #4, A4	NA 16-30APN171-1	7244590		/ /	/ /	
D-3.10	R&R range computer, #5, A5	NA 16-30APN171-1	72441A0		/ /	/ /	
D-3.11	R&R range computer, #6, A6	NA 16-30APN171-1	7244180		/ /	/ /	

B.7 Demonstrates/applies knowledge of principles of operation and performs applicable intermediate level maintenance on the **electronic altimeter set, AN/APN-194(V), solid-state version**, using appropriate maintenance procedures and support/test equipment.

TASK #	TASK DESCRIPTION	REFERENCE	WUC	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
A	Principles of operation						
A-1	Electronic altimeter set, AN/APN-194(V)	NA 16-30APN194-5			/ /	/ /	
A-1.1	Receiver transmitter, RT1042A/APN-194(V)/ RT-1015A/APN-194(V)	NA 16-30APN194-4	722C800		/ /	/ /	
B	Test and check						
B-1	Receiver transmitter, RT1042A/APN-194(V)/ RT-1015A/APN-194(V)	NA 16-30APN194-4	722C800		/ /	/ /	
C	Troubleshoot						
C-1	Receiver transmitter, RT1042A/APN-194(V)/ RT-1015A/APN-194(V)	NA 16-30APN194-4	722C800		/ /	/ /	
D	Intermediate maintenance						
D-1	A/D receiver transmitter, T1042A/APN-194(V)/RT-1015A/APN-194(V)	NA 16-30APN194-4	722C800		/ /	/ /	
D-1A	Align/adjust receiver transmitter, RT1042A/APN-194(V)/RT-1015A/APN-194(V)	NA 16-30APN194-4	722C800		/ /	* / /	
D-1.1	R&R circuit cards	NA 16-30APN194-4	722C800		* / /	* / /	
D-1.2	A/D transmitter power supply assembly 1A1	NA 16-30APN194-4	722C810		/ /	/ /	
D-1.3	Align/adjust transmitter power supply assembly 1A1	NA 16-30APN194-4	722C810		/ /	* / /	
D-1.4	A/D range computer assembly 1A2	NA 16-30APN194-4	722C830		* / /	/ /	
D-1.5	Align/adjust range computer assembly 1A2	NA 16-30APN194-4	722C830		/ /	* / /	
D-1.6	A/D receiver transmitter chassis assembly 1A3	NA 16-30APN194-4	722C840		/ /	/ /	
D-1.7	Align/adjust receiver transmitter chassis assembly 1A3	NA 16-30APN194-4	722C840		/ /	* / /	
D-1.8	Repair receiver transmitter chassis assembly 1A3	NA 16-30APN194-4	722C840		/ /	/ /	
D-1.9	A/D radar receiver assembly 1A4	NA 16-30APN194-4	722C850		* / /	/ /	

B.8 Demonstrates/applies knowledge of principles of operation and performs applicable intermediate level maintenance on the **electronic altimeter set, AN/APN-194(V), vacuum tube version**, using appropriate maintenance procedures and support/test equipment.

A	Principles of operation						
A-1	Electronic altimeter set, AN/APN-194(V)				/ /	/ /	
A-1.1	Receiver transmitters, RT-1042 & RT-1015	NA 16-30APN194-1 NA 16-30APN194-3	722B800		/ /	/ /	
A-1.2	Interference blanker, MX-9132( )/APN-194(V)	NA 16-30APN194-1 NA 16-30APN194-3	722BB		/ /	/ /	
B	Test and check						
B-1	Receiver transmitters, RT-1042 & RT-1015	NA 16-30APN194-1 NA 16-30APN194-3	722B800		/ /	/ /	
B-2	Interference blanker, MX-9132( )/APN-194(V)	NA 16-30APN194-1 NA 16-30APN194-3	722BB		/ /	/ /	

DA B.8 (Continued)

TASK #	TASK DESCRIPTION	REFERENCE	WUC	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
C	Troubleshoot						
C-1	Receiver transmitters, RT-1042 & RT-1015	NA 16-30APN194-1 NA 16-30APN194-3	722B800		/ /	/ /	
C-2	Interference blanker, MX-9132( )/APN-194(V)	NA 16-30APN194-1 NA 16-30APN194-3	722BB		/ /	/ /	
D	Intermediate maintenance						
D-1	A/D receiver transmitters, RT-1042 & RT-1015	NA 16-30APN194-1 NA 16-30APN194-3	722B800		/ /	/ /	
D-1A	Align/adjust receiver transmitters, RT-1042 & RT-1015	NA 16-30APN194-1 NA 16-30APN194-3	722B800		/ /	* / /	
D-1.1	R&R module assemblies	NA 16-30APN194-1 NA 16-30APN194-3	722B800		/ /	* / /	
D-1.2	A/D modulator assembly 1A1	NA 16-30APN194-1 NA 16-30APN194-3	722B810		/ /	/ /	
D-1.3	Align/adjust modulator assembly 1A1	NA 16-30APN194-1 NA 16-30APN194-3	722B810		/ /	* / /	
D-1.4	A/D range computer assembly 1A2	NA 16-30APN194-1 NA 16-30APN194-3	722B830		/ /	/ /	
D-1.5	Align/adjust range computer 1A2	NA 16-30APN194-1 NA 16-30APN194-3	722B830		/ /	* / /	
D-1.6	A/D receiver transmitter chassis 1A3	NA 16-30APN194-1 NA 16-30APN194-3	722B850		/ /	/ /	
D-1.7	Align/adjust receiver transmitter chassis 1A3	NA 16-30APN194-1 NA 16-30APN194-3	722B850		/ /	* / /	
D-1.8	A/D receiver transmitter chassis 1A4	NA 16-30APN194-1 NA 16-30APN194-3	722B850		/ /	/ /	
D-1.9	Align/adjust receiver transmitter chassis 1A4	NA 16-30APN194-1 NA 16-30APN194-3	722B850		/ /	* / /	
D-1.10	A/D power supply assembly 1A5	NA 16-30APN194-1 NA 16-30APN194-3	722B860		/ /	/ /	
D-1.11	Align/adjust power supply assembly 1A5	NA 16-30APN194-1 NA 16-30APN194-3	722B860		/ /	* / /	
D-1.12	Align/adjust interference blanker, MX-9132( )/APN-194(V)	NA 16-30APN194-1 NA 16-30APN194-3	722BB		/ /	* / /	

B.9 Demonstrates/applies knowledge of principles of operation and performs applicable intermediate level maintenance on the **radar bacon set, AN/APN-202**, using appropriate maintenance procedures and support/test equipment. (F-18 A/C)

A	Principles of operation						
A-1	Radar beacon set, AN/APN-202	NA 16-30APN202-1	729D0		/ /	/ /	
A-1.1	Receiver transmitter, RT-1028/APN-202	NA 16-30APN202-1	729D100		/ /	/ /	
A-1.2	Radar beacon control, C-8752/APN-202	NA 16-30APN202-1	729D200		/ /	/ /	
B	Test and check						
B-1	Receiver transmitter, RT-1028/APN-202	NA 16-30APN202-1	729D100		/ /	* / /	
B-2	Radar beacon control, C-8752/APN-202	NA 16-30APN202-1	729D200		/ /	* / /	

DA B.9 Continued

TASK #	TASK DESCRIPTION	REFERENCE	WUC	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
C	Troubleshoot						
C-1	Receiver transmitter, RT-1028/APN-202	NA 16-30APN202-1	729D100		/ /	* / /	
C-2	Radar beacon control, C-8752/APN-202	NA 16-30APN202-1	729D200		/ /	* / /	
D	Intermediate maintenance						
D-1	A/D receiver transmitter, RT-1028/APN-202	NA 16-30APN202-1	729D100		/ /	/ /	
D-1A	Align/adjust receiver transmitter, RT-1028/APN-202	NA 16-30APN202-1	729D100		/ /	* / /	
D-1.1	R&R module assemblies	NA 16-30APN202-1	729D100	*	/ /	/ /	
D-1.2	A/D IF amplifier 1A1	NA 16-30APN202-1	729D110	*	/ /	/ /	
D-1.3	Align/adjust IF amplifier assembly 1A1	NA 16-30APN202-1	729D110	*	/ /	/ /	
D-1.4	A/D modulator assembly 1A2	NA 16-30APN202-1	729D120	*	/ /	/ /	
D-1.5	Align/adjust modulator assembly 1A2	NA 16-30APN202-1	729D120		/ /	/ /	
D-1.6	A/D power supply 1A3	NA 16-30APN202-1	729D130		/ /	/ /	
D-1.7	Align/adjust power supply 1A3	NA 16-30APN202-1	729D130		/ /	/ /	
D-1.8	A/D pulse assembly 1A4	NA 16-30APN202-1	729D140		/ /	/ /	
D-1.9	Align/adjust pulse assembly 1A4	NA 16-30APN202-1	729D140		/ /	/ /	
D-1.10	A/D RF head assembly	NA 16-30APN202-1	729D1A0		/ /	/ /	
D-1.11	Align/adjust RF head assembly	NA 16-30APN202-1	729D1A0		/ /	/ /	
D-1.12	R&R RF chassis subassembly	NA 16-30APN202-1	729D1B0		/ /	/ /	
D-1.13	A/D RF chassis subassembly	NA 16-30APN202-1	729D1B0		/ /	/ /	
D-1.14	Repair chassis subassembly	NA 16-30APN202-1	729D1B0		/ /	/ /	
D-2	A/D radar beacon control, C-8752/APN-202	NA 16-30APN202-1	729D200		/ /	/ /	
D-2.1	A/D decode terminal board	NA 16-30APN202-1	729D210		/ /	/ /	
D-2.2	Align/adjust decode terminal board	NA 16-30APN202-1	729D210		/ /	* / /	
D-2.3	A/D encode terminal board	NA 16-30APN202-1	729D220		/ /	/ /	
D-2.4	Align/adjust encode terminal board	NA 16-30APN202-1	729D220		/ /	* / /	

B.10 Demonstrates/applies knowledge of principles of operation and performs applicable intermediate level maintenance on the **radar altimeter, AN/APN-22**, using appropriate maintenance procedures and support/test equipment. (C-130 A/C)

A	Principles of operation						
A-1	Radar altimeter, AN/APN-22	NA 16-30APN22-2	72240		/ /	/ /	
A-1.1	Receiver transmitter, RT-160/APN-22	NA 16-30APN22-2	72241		/ /	/ /	
A-1.2	Electronic control amplifier	NA 16-30APN22-2	7224200		/ /	/ /	
A-1.3	Height indicator, ID-257( )/APN-22	NA 16-30APN22-2	72243		/ /	/ /	
A-1.4	Servo adapter, MX-7297/APN-22	NA 16-30APN22-2	72246		/ /	/ /	
B	Test and check						
B-1	Receiver transmitter, RT-160/APN-22	NA 16-30APN22-2	72241		/ /	* / /	
B-2	Electronic control amplifier	NA 16-30APN22-2	7224200		/ /	/ /	
B-3	Height indicator, ID-257( )/APN-22	NA 16-30APN22-2	72243		/ /	/ /	
B-4	Servo adapter, MX-7297/APN-22	NA 16-30APN22-2	72246		/ /	/ /	

DA B.10 Continued

TASK #	TASK DESCRIPTION	REFERENCE	WUC	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
C	Troubleshoot						
C-1	Receiver transmitter, RT-160/APN-22	NA 16-30APN22-2	72241		/ /	* / /	
C-2	Electronic control amplifier	NA 16-30APN22-2	7224200		/ /	/ /	
C-3	Height indicator, ID-257( )/APN-22	NA 16-30APN22-2	72243		/ /	/ /	
C-4	Servo adapter, MX-7297/APN-22	NA 16-30APN22-2	72246		/ /	/ /	
D	Intermediate maintenance						
D-1	A/D receiver transmitter, RT-160/APN-22	NA 16-30APN22-2	72241		/ /	/ /	
D-2	A/D electronic control amplifier, AM-291/APN-22	NA 16-30APN22-2	7224200		/ /	/ /	
D-2.1	R&R modules	NA 16-30APN22-2	7224200		/ /	/ /	
D-2.2	A/D audio amplifier	NA 16-30APN22-2	7224210		/ /	/ /	
D-2.3	A/D modulator	NA 16-30APN22-2	7224220		/ /	/ /	
D-2.4	A/D sweep generator	NA 16-30APN22-2	7224230		/ /	/ /	
D-2.5	Align/adjust sweep generator	NA 16-30APN22-2	7224230		/ /	* / /	
D-2.6	A/D servo amplifier	NA 16-30APN22-2	7224240		/ /	/ /	
D-2.7	Align/adjust servo amplifier	NA 16-30APN22-2	7224240		/ /	* / /	
D-2.8	A/D power supply	NA 16-30APN22-2	7224250		/ /	/ /	
D-2.9	A/D reliability module	NA 16-30APN22-2	7224260		/ /	/ /	
D-2.10	A/D servo unit	NA 16-30APN22-2	7224270		/ /	/ /	
D-2.11	Align/adjust servo unit	NA 16-30APN22-2	7224270		/ /	* / /	
D-2.12	R&R main chassis	NA 16-30APN22-2	7224280		/ /	/ /	
D-2.13	A/D main chassis	NA 16-30APN22-2	7224280		/ /	/ /	
D-2.14	Align/adjust main chassis	NA 16-30APN22-2	7224280		/ /	* / /	
D-3	A/D height indicator, ID-257( )/APN-22	NA 16-30APN22-2	72243		/ /	/ /	
D-3A	Align/adjust height indicator, ID-257( )/APN-22	NA 16-30APN22-2	72243		/ /	* / /	
D-4	A/D servo adapter, MX-7297/APN-22	NA 16-30APN22-2	72246		/ /	/ /	
D-4A	Align/adjust servo adapter, MX-7297/APN-22	NA 16-30APN22-2	72246		/ /	/ /	

B.11 Demonstrates/applies knowledge of principles of operation and performs applicable intermediate level maintenance on the **airborne weather radar set, AN/APS-133(V)**, using appropriate maintenance procedures and support/test equipment. (C-130 A/C)

A	Principles of operation						
A-1	Airborne weather radar set, AN/APS-133(V)				/ /	/ /	
A-1.1	Radar receiver/transmitter RT-1338( )	NA 16-35RT1338-1	7266100		/ /	* / /	
A-1.2	Radar indicator, IP1374( )	NA 16-35IP1374-1	7266200		/ /	* / /	
A-1.3	Radar antenna, AS3440	NA 16-35AS3440-1	7266300		/ /	* / /	
A-1.4	Radar control, C10814( )	NA 16-35AS3440-1	7266400		/ /	* / /	
A-1.5	Radar base mount, MT6135	NA 16-35MT6419-1	7266500		/ /	/ /	
A-1.6	Radar base mount, MT6419	NA 16-35MT6419-1	7266A00		/ /	/ /	
A-1.7	Antenna azimuth control, C11565	NA 16-35C11565-1	7266600		/ /	* / /	
A-1.8	Indicator tray mount, MT6136	NA 16-35MT6136-1	7266700		/ /	/ /	
A-1.9	Indicator tray mount, MT6418	NA 16-35MT6136-1	72667		/ /	/ /	

DA B.11 Continued

TASK #	TASK DESCRIPTION	REFERENCE	WUC	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
A-1.10	AP signal data converter, CU3930	NA 16-35CV3930-1	72Y2N00		/ /	* / /	
A-1.11	AP display unit control, C11566	NA 16-35C11566-1	72Y2P		/ /	* / /	
A-1.12	AP interface unit mount, MT6420	NA 16-35CV3930-1	72Y2Q00		/ /	/ /	
B	Test and check						
B-1	Radar receiver/transmitter RT-1338( )	NA 16-35RT1338-1	7266100		/ /	* / /	
B-2	Radar indicator, IP1374( )	NA 16-35IP1374-1	7266200		/ /	* / /	
B-3	Radar antenna, AS3440	NA 16-35AS3440-1	7266300		/ /	* / /	
B-4	Radar control, C10814( )	NA 16-35C10814-1	7266400		/ /	* / /	
B-5	Radar base mount, MT6135	NA 16-35MT6419-1	7266500		/ /	/ /	
B-6	Radar base mount, MT6419	NA 16-35MT6419-1	7266A00		/ /	/ /	
B-7	Antenna azimuth control, C11565	NA 16-35C11565-1	7266600		/ /	* / /	
B-8	Indicator tray mount, MT6136	NA 16-35MT6136-1	7266700		/ /	/ /	
B-9	Indicator tray mount, MT6418	NA 16-35MT6136-1	72667		/ /	/ /	
B-10	AP signal data converter, CV3930	NA 16-35CV3930-1	72Y2N00		/ /	* / /	
B-11	AP display unit control, C11566	NA 16-35C11566-1	72Y2P		/ /	* / /	
B-12	AP interface unit mount, MT6420	NA 16-35CV3930-1	72Y2Q00		/ /	/ /	
C	Troubleshoot						
C-1	Radar receiver/transmitter RT-1338( )	NA 16-35RT1338-1	7266100		/ /	* / /	
C-2	Radar indicator, IP1374( )	NA 16-35IP1374-1	7266200		/ /	* / /	
C-3	Radar antenna, AS3440	NA 16-35AS3440-1	7266300		/ /	* / /	
C-4	Radar control, C10814( )	NA 16-35C10814-1	7266400		/ /	* / /	
C-5	Radar base mount, MT6135	NA 16-35MT6419-1	7266500		/ /	/ /	
C-6	Radar base mount, MT6419	NA 16-35MT6419-1	7266A00		/ /	/ /	
C-7	Antenna azimuth control, C11565	NA 16-35C11565-1	7266600		/ /	* / /	
C-8	Indicator tray mount, MT6136	NA 16-35MT6136-1	7266700		/ /	/ /	
C-9	Indicator tray mount, MT6418	NA 16-35MT6136-1	72667		/ /	/ /	
C-10	AP signal data converter, CV3930	NA 16-35CV3930-1	72Y2N00		/ /	* / /	
C-11	AP display unit control, C11566	NA 16-35C11566-1	72Y2P		/ /	* / /	
C-12	AP interface unit mount, MT6420	NA 16-35CV3930-1	72Y2Q00		/ /	/ /	
D	Intermediate maintenance						
D-1	A/D radar receiver/transmitter RT-1338( )	NA 16-35RT1338-1	7266100		/ /	* / /	
D-1A	Align/adjust radar receiver/transmitter RT-1338( )	NA 16-35RT1338-1	7266100		/ /	* / /	
D-1.1	R&R modules	NA 16-35RT1338-1	72661		/ /	/ /	
D-1.2	Align/adjust waveform generator assembly	NA 16-35RT1338-1	7266110		/ /	* / /	
D-1.3	A/D magnetic modulator	NA 16-35RT1338-1	7266120		/ /	/ /	
D-1.4	Align/adjust magnetic modulator	NA 16-35RT1338-1	7266120		/ /	* / /	
D-1.5	Align/adjust receiver board assembly	NA 16-35RT1338-1	7266130		/ /	* / /	
D-1.6	Align/adjust beacon board assembly	NA 16-35RT1338-1	7266140		/ /	* / /	
D-1.7	Align/adjust power supply assembly	NA 16-35RT1338-1	7266150		/ /	* / /	
D-1.8	A/D preamplifier assembly	NA 16-35RT1338-1	7266170		/ /	/ /	
D-1.9	Align/adjust preamplifier assembly	NA 16-35RT1338-1	7266170		/ /	* / /	
D-1.10	A/D preamplifier board assembly	NA 16-35RT1338-1	7266171		/ /	/ /	

DA B.11 Continued

TASK #	TASK DESCRIPTION	REFERENCE	WUC	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
D-1.11	Align/adjust preamplifier board assembly	NA 16-35RT1338-1	7266171		/ /	* / /	
D-1.12	A/D local oscillator assembly	NA 16-35RT1338-1	7266190		/ /	/ /	
D-1.13	Align/adjust local oscillator assembly	NA 16-35RT1338-1	7266190		/ /	* / /	
D-1.14	A/D mixer duplexer	NA 16-35RT1338-1	72661A0		/ /	/ /	
D-1.15	Align/adjust mixer duplexer	NA 16-35RT1338-1	72661A0		/ /	* / /	
D-1.16	Align/adjust integrity monitor	NA 16-35RT1338-1	72661B0		/ /	* / /	
D-1.17	Align/adjust panel assembly	NA 16-35RT1338-1	72661F0		/ /	/ /	
D-2	A/D radar indicator, IP1374( )	NA 16-35IP1374-1	7266200		/ /	/ /	
D-2A	Align/adjust radar indicator, IP1374( )	NA 16-35IP1374-1	7266200		/ /	* / /	
D-2.1	R&R module assemblies	NA 16-35IP1374-1	7266200		/ /	/ /	
D-2.2	Align/adjust high voltage assembly	NA 16-35IP1374-1	7266210		/ /	* / /	
D-2.3	Align/adjust sweep board assembly	NA 16-35IP1374-1	7266220		/ /	* / /	
D-2.4	A/D low voltage power supply/rear connecting plate	NA 16-35IP1374-1	7266230		/ /	/ /	
D-2.5	A/D low voltage power supply board	NA 16-35IP1374-1	7266231		/ /	/ /	
D-2.6	Align/adjust low voltage power supply board	NA 16-35IP1374-1	7266231		/ /	* / /	
D-2.7	A/D light panel/control board assembly	NA 16-35IP1374-1	7266240		/ /	/ /	
D-2.8	A/D frame	NA 16-35IP1374-1	72662D0		/ /	/ /	
D-3	A/D radar antenna, AS3440	NA 16-35AS3440-1	7266300		/ /	* / /	
D-3A	Align/adjust radar antenna, AS3440	NA 16-35AS3440-1	7266300		/ /	* / /	
D-3.1	Align/adjust elevation drive assembly	NA 16-35AS3440-1	7266320		/ /	* / /	
D-3.2	Align/adjust azimuth drive assembly	NA 16-35AS3440-1	7266330		/ /	* / /	
D-3.3	Align/adjust roll-axis pedestal assembly	NA 16-35AS3440-1	7266350		/ /	* / /	
D-3.4	A/D EMI filter assembly	NA 16-35AS3440-1	7266360		/ /	/ /	
D-3.5	R&R EMI filter assembly	NA 16-35AS3440-1	7266360		/ /	/ /	
D-4	A/D radar control, C10814( )	NA 16-35C10814-1	7266400		/ /	/ /	
D-4.1	A/D bracket assembly	NA 16-35C10814-1	7266410		/ /	* / /	
D-4.2	R&R bracket assembly	NA 16-35C10814-1	7266410		/ /	/ /	
D-5	A/D radar base mount, MT6135	NA 16-35MT6419-1	7266500		/ /	/ /	
D-5A	Repair radar base mount, MT6135	NA 16-35MT6419-1	7266500		/ /	/ /	
D-5.1	A/D shock mount assembly	NA 16-35MT6419-1	7266510		/ /	* / /	
D-5.2	R&R shock mount assembly	NA 16-35MT6419-1	7266510		/ /	/ /	
D-6	A/D radar base mount, MT6419	NA 16-35MT6419-1	7266A00		/ /	/ /	
D-6A	Repair radar base mount, MT6419	NA 16-35MT6419-1	7266A00		/ /	/ /	
D-6.1	A/D shock mount assembly	NA 16-35MT6419-1	7266A10		/ /	* / /	
D-6.2	R&R shock mount assembly	NA 16-35MT6419-1	7266A10		/ /	/ /	
D-7	A/D antenna azimuth control, C11565	NA 16-35C11565-1	7266600		/ /	/ /	
D-7A	Align/adjust antenna azimuth control, C11565	NA 16-35C11565-1	7266600		/ /	* / /	
D-7.1	A/D control board assembly	NA 16-35C11565-1	7266610		/ /	/ /	
D-7.2	Align/adjust control board assembly	NA 16-35C11565-1	7266610		/ /	* / /	
D-7.3	A/D power supply assembly	NA 16-35C11565-1	7266620		/ /	/ /	
D-7.4	Align/adjust power supply assembly	NA 16-35C11565-1	7266620		/ /	* / /	

DA B.11 Continued

TASK #	TASK DESCRIPTION	REFERENCE	WUC	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
D-8	A/D indicator tray mount, MT6136	NA 16-35MT6136-1	7266700		/ /	/ /	
D-8A	Repair indicator tray mount, MT6136	NA 16-35MT6136-1	7266700		/ /	/ /	
D-9	A/D indicator tray mount, MT6418	NA 16-35MT6136-1	72667		/ /	/ /	
D-9A	Repair indicator tray mount, MT6418	NA 16-35MT6136-1	72667		/ /	/ /	
D-10	A/D AP signal data converter, CV3930	NA 16-35CV3930-1	72Y2N00		/ /	/ /	
D-10A	Align/adjust AP signal data converter, CV3930	NA 16-35CV3930-1	72Y2N00		/ /	* / /	
D-10.1	R&R modules	NA 16-35CV3930-1	72Y2N00		/ /	/ /	
D-10.2	A/D front connector assembly A2A1	NA 16-35CV3930-1	72Y2N21		/ /	/ /	
D-10.3	A/D rear panel power supply A3	NA 16-35CV3930-1	72Y2N30		/ /	/ /	
D-10.4	Align/adjust rear power supply A3	NA 16-35CV3930-1	72Y2N30		/ /	* / /	
D-11	A/D AP display unit control, C11566	NA 16-35MT6136-1	72667		/ /	/ /	
D-12	A/D AP interface unit mount, MT6420	NA 16-35CV3930-1	72Y2Q00		/ /	/ /	
D-12A	Repair AP interface unit mount, MT6420	NA 16-35CV3930-1	72Y2Q00		/ /	/ /	
D-12.1	A/D fan mounting plate assembly A1	NA 16-35CV3930-1	72Y2Q10		/ /	/ /	
D-12.2	R&R fan mounting plate assembly A1	NA 16-35CV3930-1	72Y2Q10		/ /	/ /	

B.12 Demonstrates/applies knowledge of principles of operation and performs applicable intermediate level maintenance on the **transponder set, AN/APX-100(V)**, using appropriate maintenance procedures and support/test equipment. (F-18, AV-8, AH-1W A/C)

A	Principles of operation						
A-1	Transponder set, AN/APX-100(V)	AE-230AAMIB-000	653A0		/ /	/ /	
A-1.1	Radar receiver/transmitter, RT-1157( )	AE-230AAMIB-000	653A300		/ /	/ /	
A-1.2	Radar receiver/transmitter, RT-1285A( )	AE-230AAMIB-000	653A700		/ /	/ /	
B	Test and check						
B-1	Radar receiver/transmitter, RT-1157( )	AE-230AAMIB-000	653A300		/ /	* / /	
B-2	Radar receiver/transmitter, RT-1285A( )	AE-230AAMIB-000	653A700		/ /	* / /	
C	Troubleshoot						
C-1	Radar receiver/transmitter, RT-1157( )	AE-230AAMIB-000	653A300		/ /	* / /	
C-2	Radar receiver/transmitter, RT-1285A( )	AE-230AAMIB-000	653A700		/ /	* / /	
D	Intermediate maintenance						
D-1	A/D radar receiver/transmitter, RT-1157( )	AE-230AAMIB-000	653A300		/ /	/ /	
D-1A	Align/adjust radar receiver/transmitter, RT-1157( )	AE-230AAMIB-000	653A300		/ /	* / /	
D-1.1	R&R module assemblies	AE-230AAMIB-000	653A300		/ /	/ /	
D-1.2	Align/adjust RF module assembly A1	AE-230AAMIB-000	653A310		/ /	/ /	
D-1.3	Align/adjust processor A2	AE-230AAMIB-000	653A320		/ /	/ /	
D-1.4	Align/adjust coder no.2 A3	AE-230AAMIB-000	653A330		/ /	/ /	
D-1.5	Align/adjust mode 4 A6	AE-230AAMIB-000	653A360		/ /	/ /	
D-1.6	R&R chassis/wiring assembly	AE-230AAMIB-000	653A390		/ /	/ /	
D-2	A/D radar receiver/transmitter, RT-1285A( )	AE-230AAMIB-000	653A700		/ /	/ /	
D-2A	Align/adjust radar receiver/transmitter, RT-1285A( )	AE-230AAMIB-000	653A700		/ /	* / /	

B.13 Demonstrates/applies knowledge of principles of operation and performs applicable intermediate level maintenance on the **transponder set, AN/APX-64(V)**, using appropriate maintenance procedures and support/test equipment. (CH-53 A/C)

TASK #	TASK DESCRIPTION	REFERENCE	WUC	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
A	Principles of operation						
A-1	Transponder set, AN/APX-64(V)	NA 16-30APX64-1 NA 16-30APX64-2 NA 16-30APX64-3 NA 16-30APX64-4	65280		/ /	/ /	
A-1.1	Receiver/transmitters, RT-728( ), RT-727, and RT-731	NA 16-30APX64-1 NA 16-30APX64-2 NA 16-30APX64-3 NA 16-30APX64-4	6528100		/ /	/ /	
B	Test and check						
B-1	Receiver/transmitters, RT-728( ), RT-727, and RT-731	NA 16-30APX64-1 NA 16-30APX64-2 NA 16-30APX64-3 NA 16-30APX64-4	6528100		/ /	* / /	
C	Troubleshoot						
C-1	Receiver/transmitters, RT-728( ), RT-727, and RT-731	NA 16-30APX64-1 NA 16-30APX64-2 NA 16-30APX64-3 NA 16-30APX64-4	6528100		/ /	* / /	
D	Intermediate maintenance						
D-1	A/D receiver/transmitters, RT-728( ), RT-727, and RT-731	NA 16-30APX64-1 NA 16-30APX64-2 NA 16-30APX64-3 NA 16-30APX64-4	6528100		/ /	/ /	
D-1A	Align/adjust receiver/transmitters, RT-728( ), RT-727, and RT-731	NA 16-30APX64-1 NA 16-30APX64-2 NA 16-30APX64-3 NA 16-30APX64-4	6528100		/ /	* / /	
D-1.1	R&R modules	NA 16-30APX64-1 NA 16-30APX64-2 NA 16-30APX64-3 NA 16-30APX64-4	6528100		/ /	/ /	
D-1.2	A/D RF module	NA 16-30APX64-1 NA 16-30APX64-2 NA 16-30APX64-3 NA 16-30APX64-4	6528110		/ /	/ /	
D-1.3	Align/adjust RF module	NA 16-30APX64-1 NA 16-30APX64-2 NA 16-30APX64-3 NA 16-30APX64-4	6528110		/ /	/ /	
D-1.4	A/D test module	NA 16-30APX64-1 NA 16-30APX64-2 NA 16-30APX64-3 NA 16-30APX64-4	6528120		/ /	/ /	

DA B.13 Continued

TASK #	TASK DESCRIPTION	REFERENCE	WUC	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
D-1.5	A/D transmitter	NA 16-30APX64-1 NA 16-30APX64-2 NA 16-30APX64-3 NA 16-30APX64-4	6528130		/ /	/ /	
D-1.6	Align/adjust transmitter	NA 16-30APX64-1 NA 16-30APX64-2 NA 16-30APX64-3 NA 16-30APX64-4	6528130		/ /	/ /	
D-1.7	A/D power supply	NA 16-30APX64-1 NA 16-30APX64-2 NA 16-30APX64-3 NA 16-30APX64-4	6528140		/ /	/ /	
D-1.8	Align/adjust power supply	NA 16-30APX64-1 NA 16-30APX64-2 NA 16-30APX64-3 NA 16-30APX64-4	6528140		/ /	/ /	
D-1.9	A/D IF amplifier	NA 16-30APX64-1 NA 16-30APX64-2 NA 16-30APX64-3 NA 16-30APX64-4	6528150		/ /	/ /	
D-1.10	Align/adjust IF amplifier	NA 16-30APX64-1 NA 16-30APX64-2 NA 16-30APX64-3 NA 16-30APX64-4	6528150		/ /	/ /	
D-1.11	A/D delay line	NA 16-30APX64-1 NA 16-30APX64-2 NA 16-30APX64-3 NA 16-30APX64-4	6528160		/ /	/ /	
D-1.12	A/D decoder	NA 16-30APX64-1 NA 16-30APX64-2 NA 16-30APX64-3 NA 16-30APX64-4	6528170		/ /	/ /	
D-1.13	Align/adjust decoder	NA 16-30APX64-1 NA 16-30APX64-2 NA 16-30APX64-3 NA 16-30APX64-4	6528170		/ /	/ /	
D-1.14	A/D coder	NA 16-30APX64-1 NA 16-30APX64-2 NA 16-30APX64-3 NA 16-30APX64-4	6528180		/ /	/ /	
D-1.15	Align/adjust coder	NA 16-30APX64-1 NA 16-30APX64-2 NA 16-30APX64-3 NA 16-30APX64-4	6528180		/ /	/ /	
D-1.16	A/D reference generator	NA 16-30APX64-1 NA 16-30APX64-2 NA 16-30APX64-3 NA 16-30APX64-4	6528190		/ /	/ /	

DA B.13 Continued

TASK #	TASK DESCRIPTION	REFERENCE	WUC	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
D-1.17	Align/adjust reference generator	NA 16-30APX64-1 NA 16-30APX64-2 NA 16-30APX64-3 NA 16-30APX64-4	6528190		/ /	/ /	
D-18	A/D electrical equipment chassis, CH551	NA 16-30APX64-1 NA 16-30APX64-2 NA 16-30APX64-3 NA 16-30APX64-4	65281A0		/ /	/ /	

B.14 Demonstrates/applies knowledge of principles of operation and performs applicable intermediate level maintenance on the **transponder set, AN/APX-72** using appropriate maintenance procedures and support/test equipment.

A	Principles of operation						
A-1	Transponder set, AN/APX-72				/ /	/ /	
A-1.1	Radio receiver/transmitter, RT-859( )	NA 16-30APX72-2	6534100		* / /	/ /	
A-1.2	Antenna	NA 16-30APX72-2	65R61		/ /	/ /	
A-1.3	Transponder set control, C-6280( )	NA 16-30APX72-2	65Y1P00		* / /	/ /	
A-1.4	Transponder test set, TS-1843( )/APX	NA 16-35TS1843-1 NA 16-35TS1843-3	65Y1Q00		/ /	/ /	
B	Test and check						
B-1	Radio receiver/transmitter, RT-859( )	NA 16-30APX72-2	6534100		* / /	* / /	
B-2	Antenna	NA 16-30APX72-2	65R61		/ /	/ /	
B-3	Transponder set control, C-6280( )	NA 16-30APX72-2	65Y1P00		* / /	* / /	
B-4	Transponder test set, TS-1843( )	NA 16-35TS1843-1 NA 16-35TS1843-3	65Y1Q00		/ /	/ /	
C	Troubleshoot						
C-1	Radio receiver/transmitter, RT-859( )	NA 16-30APX72-2	6534100		* / /	* / /	
C-2	Antenna	NA 16-30APX72-2	65R61		/ /	/ /	
C-3	Transponder set control, C-6280( )	NA 16-30APX72-2	65Y1P00		* / /	* / /	
C-4	Transponder test set, TS-1843( )	NA 16-35TS1843-1 NA 16-35TS1843-3	65Y1Q00		/ /	* / /	
D	Intermediate maintenance						
D-1	A/D radio receiver/transmitter, RT-859( )				/ /	/ /	
D-1A	Align/adjust radio receiver/transmitter, RT-859( )	NA 16-30APX72-2 NA 16-30APX72-3	6534100		* / /	* / /	
D-1.1	R&R circuit card assemblies	NA 16-30APX72-2 NA 16-30APX72-3	6534100		* / /	/ /	
D-1.2	A/D RF section assembly	NA 16-30APX72-2 NA 16-30APX72-3	6534110		* / /	/ /	
D-1.3	Align/adjust RF section assembly	NA 16-30APX72-2 NA 16-30APX72-3	6534110		* / /	/ /	
D-1.4	Align/adjust processor (A1)	NA 16-30APX72-2 NA 16-30APX72-3	65341A0		* / /	/ /	
D-1.5	Align/adjust decoder (A2)	NA 16-30APX72-2 NA 16-30APX72-3	65341B0		* / /	/ /	

DA B.14 Continued

TASK #	TASK DESCRIPTION	REFERENCE	WUC	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
D-1.6	Align/adjust mode 4 (A3)	NA 16-30APX72-2 NA 16-30APX72-3	65341C0		* / /	/ /	
D-1.7	Align/adjust encoder clock (A4)	NA 16-30APX72-2 NA 16-30APX72-3	65341D0		* / /	/ /	
D-1.8	Align/adjust encoder control (A5)	NA 16-30APX72-2 NA 16-30APX72-3	65341E0		* / /	/ /	
D-1.9	A/D power supply (PS1)	NA 16-30APX72-2 NA 16-30APX72-3	65341H0		* / /	/ /	
D-1.10	Align/adjust power supply (PS1)	NA 16-30APX72-2 NA 16-30APX72-3	65341H0		* / /	/ /	
D-1.11	R&R chassis assembly	NA 16-30APX72-2 NA 16-30APX72-3	65341J0		* / /	/ /	
D-1.12	A/D chassis assembly	NA 16-30APX72-2 NA 16-30APX72-3	65341J0		* / /	/ /	
D-1.13	A/D receiver subassembly (AR1)	NA 16-30APX72-2 NA 16-30APX72-3	65341K0		* / /	/ /	
D-2	A/D transponder set control, C-6280( )				/ /	/ /	
D-2.1	R&R control subassembly	NA 16-30APX72-2 NA 16-30APX72-3	65Y1P10		* / /	/ /	
D-2.2	A/D control subassembly	NA 16-30APX72-2 NA 16-30APX72-3	65Y1P10		* / /	/ /	
D-3	A/D transponder test set, TS-1843( )/APX				/ /	/ /	
D-3A	Align/adjust transponder test set, TS-1843( )/APX	NA 16-35TS1843-1 NA 16-35TS1843-3	65Y1Q00		/ /	* / /	
D-3.1	R&R circuit card assemblies	NA 16-35TS1843-1 NA 16-35TS1843-3	65Y1Q00		* / /	/ /	
D-3.2	Align/adjust code decoder/power & cont/computer & decoder	NA 16-35TS1843-1 NA 16-35TS1843-3	65Y1Q10		* / /	/ /	
D-3.3	Align/adjust timing assembly/mode generator	NA 16-35TS1843-1 NA 16-35TS1843-3	65Y1Q20		* / /	/ /	
D-3.4	Align/adjust signal generator/response integrator/evaluator	NA 16-35TS1843-1 NA 16-35TS1843-3	65Y1Q30		* / /	/ /	
D-3.5	Align/adjust MN bd/regulator assembly/computer & decoder	NA 16-35TS1843-1 NA 16-35TS1843-3	65Y1Q40		* / /	/ /	
D-3.6	Align/adjust signal generator/receiver assembly	NA 16-35TS1843-1 NA 16-35TS1843-3	65Y1Q50		* / /	/ /	
D-3.7	A/D VSWR adjust assembly	NA 16-35TS1843-1 NA 16-35TS1843-3	65Y1Q60		* / /	/ /	
D-3.8	Align/adjust VSWR adjust assembly	NA 16-35TS1843-1 NA 16-35TS1843-3	65Y1Q60		* / /	/ /	

B.15 Demonstrates/applies knowledge of principles of operation and performs applicable intermediate level maintenance on the **interrogator set, AN/APX-79** using appropriate maintenance procedures and support/test equipment. (C-130 A/C)

TASK #	TASK DESCRIPTION	REFERENCE	WUC	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
A	Principles of operation						
A-1	Interrogator set, AN/APX-76( )(V)	NA 16-30APX76-2 NA 16-30APX76-3	65320		/ /	/ /	
A-1.1	Receiver transmitter, RT-868( )/APX-76( )	NA 16-30APX76-2 NA 16-30APX76-3	6532100		/ /	/ /	
A-1.2	Electronic synchronizer, SN-416( )/APX-76( )	NA 16-30APX76-2 NA 16-30APX76-3	6532200		/ /	/ /	
A-1.3	Switch amplifier, SA-1568( )/APX-76	NA 16-30APX76-2 NA 16-30APX76-3	6532300		/ /	/ /	
A-1.4	Set control, C-7583/APX-76( )(V)	NA 16-30APX76-2 NA 16-30APX76-3	65324		/ /	/ /	
A-1.5	Shock mount base, MT-3923( )/APX-76	NA 16-30APX76-2 NA 16-30APX76-3	6532A		/ /	/ /	
A-1.6	Shock mount base, MT-3924( )/APX-76	NA 16-30APX76-2 NA 16-30APX76-3	6532B		/ /	/ /	
A-1.7	Shock mount base, MT-4024( )/APX-76	NA 16-30APX76-2 NA 16-30APX76-3	6532D		/ /	/ /	
B	Test and check						
B-1	Receiver transmitter, RT-868( )/APX-76( )	NA 16-30APX76-2 NA 16-30APX76-3	6532100		/ /	* / /	
B-2	Electronic synchronizer, SN-416( )/APX-76( )	NA 16-30APX76-2 NA 16-30APX76-3	6532200		/ /	* / /	
B-3	Switch amplifier, SA-1568( )/APX-76	NA 16-30APX76-2 NA 16-30APX76-3	6532300		/ /	* / /	
B-4	Set control, C-7583/APX-76( )(V)	NA 16-30APX76-2 NA 16-30APX76-3	65324		/ /	* / /	
C	Troubleshoot						
C-1	Receiver transmitter, RT-868( )/APX-76( )	NA 16-30APX76-2 NA 16-30APX76-3	6532100		/ /	* / /	
C-2	Electronic synchronizer, SN-416( )/APX-76( )	NA 16-30APX76-2 NA 16-30APX76-3	6532200		/ /	* / /	
C-3	Switch amplifier, SA-1568( )/APX-76	NA 16-30APX76-2 NA 16-30APX76-3	6532300		/ /	* / /	
C-4	Set control, C-7583/APX-76( )(V)	NA 16-30APX76-2 NA 16-30APX76-3	65324		/ /	* / /	
C-5	Shock mount base, MT-3923( )/APX-76	NA 16-30APX76-2 NA 16-30APX76-3	6532A		/ /	/ /	
C-6	Shock mount base, MT-3924( )/APX-76	NA 16-30APX76-2 NA 16-30APX76-3	6532B		/ /	/ /	
C-7	Shock mount base, MT-4024( )/APX-76	NA 16-30APX76-2 NA 16-30APX76-3	6532D		/ /	/ /	

DA B.15 Continued

TASK #	TASK DESCRIPTION	REFERENCE	WUC	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
D	Intermediate maintenance						
D-1	A/D receiver transmitter, RT-868( )/APX-76( )	NA 16-30APX76-2 NA 16-30APX76-3	6532100		/ /	/ /	
D-1A	Align/adjust receiver transmitter, RT-868( )/APX-76( )	NA 16-30APX76-2 NA 16-30APX76-3	6532100		/ /	* / /	
D-1.1	R&R receiver	NA 16-30APX76-2 NA 16-30APX76-3	6532110		/ /	/ /	
D-1.2	A/D receiver	NA 16-30APX76-2 NA 16-30APX76-3	6532110		/ /	/ /	
D-1.3	Align/adjust receiver	NA 16-30APX76-2 NA 16-30APX76-3	6532110		/ /	/ /	
D-1.4	R&R transmitter/power supply assembly	NA 16-30APX76-2 NA 16-30APX76-3	6532120		/ /	/ /	
D-1.5	A/D transmitter/power supply assembly	NA 16-30APX76-2 NA 16-30APX76-3	6532120		/ /	/ /	
D-1.6	Align/adjust transmitter/power supply assembly	NA 16-30APX76-2 NA 16-30APX76-3	6532120		/ /	/ /	
D-1.7	R&R circuit cards	NA 16-30APX76-2 NA 16-30APX76-3	6532100		/ /	/ /	
D-1.8	Align/adjust self test board assembly	NA 16-30APX76-2 NA 16-30APX76-3	6532130		/ /	/ /	
D-1.9	Align/adjust video board assembly	NA 16-30APX76-2 NA 16-30APX76-3	6532140		/ /	/ /	
D-1.10	Align/adjust mode 4 board assembly	NA 16-30APX76-2 NA 16-30APX76-3	6532150		/ /	/ /	
D-1.11	Align/adjust RSLS board assembly	NA 16-30APX76-2 NA 16-30APX76-3	6532160		/ /	/ /	
D-1.12	R&R front panel assembly	NA 16-30APX76-2 NA 16-30APX76-3	65321A0		/ /	/ /	
D-1.13	A/D front panel assembly	NA 16-30APX76-2 NA 16-30APX76-3	65321A0		/ /	/ /	
D-1.14	R&R cable assemblies	NA 16-30APX76-2 NA 16-30APX76-3	6532100		/ /	/ /	
D-1.15	R&R chassis	NA 16-30APX76-2 NA 16-30APX76-3	65321K0		/ /	/ /	
D-1.16	A/D chassis	NA 16-30APX76-2 NA 16-30APX76-3	65321K0		/ /	/ /	
D-2	A/D electronic synchronizer, SN-416( )/APX-76( )	NA 16-30APX76-2 NA 16-30APX76-3	6532200		/ /	/ /	
D-2A	Align/adjust electronic synchronizer, SN-416( )/APX-76( )	NA 16-30APX76-2 NA 16-30APX76-3	6532200		/ /	* / /	
D-2.1	R&R circuit cards	NA 16-30APX76-2 NA 16-30APX76-3	6532200		/ /	/ /	
D-2.2	Align/adjust decoder board assembly	NA 16-30APX76-2 NA 16-30APX76-3	6532210		/ /	/ /	

DA B.15 Continued

TASK #	TASK DESCRIPTION	REFERENCE	WUC	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
D-2.3	Align/adjust interrogator board assembly	NA 16-30APX76-2 NA 16-30APX76-3	6532220		/ /	/ /	
D-2.4	Align/adjust control board assembly	NA 16-30APX76-2 NA 16-30APX76-3	6532230		/ /	/ /	
D-2.5	Align/adjust fault indicator board assembly	NA 16-30APX76-2 NA 16-30APX76-3	6532240		/ /	/ /	
D-2.6	Align/adjust self test board assembly	NA 16-30APX76-2 NA 16-30APX76-3	6532250		/ /	/ /	
D-2.7	Align/adjust pulse delay board assembly	NA 16-30APX76-2 NA 16-30APX76-3	6532260		/ /	/ /	
D-2.8	Align/adjust video gating assembly	NA 16-30APX76-2 NA 16-30APX76-3	6532270		/ /	/ /	
D-2.9	R&R power supply board assembly	NA 16-30APX76-2 NA 16-30APX76-3	6532280		/ /	/ /	
D-2.10	Align/adjust power supply board assembly	NA 16-30APX76-2 NA 16-30APX76-3	6532280		/ /	/ /	
D-2.11	A/D filter assembly	NA 16-30APX76-2 NA 16-30APX76-3	6532290		/ /	/ /	
D-2.12	R&R filter assembly	NA 16-30APX76-2 NA 16-30APX76-3	6532290		/ /	/ /	
D-2.13	R&R transistor power assembly 4Q3	NA 16-30APX76-2 NA 16-30APX76-3	65322A0		/ /	/ /	
D-2.14	A/D transistor power assembly 4Q3	NA 16-30APX76-2 NA 16-30APX76-3	65322A0		/ /	/ /	
D-2.15	R&R transistor power assembly 4Q4	NA 16-30APX76-2 NA 16-30APX76-3	65322B0		/ /	/ /	
D-2.16	A/D transistor power assembly 4Q4	NA 16-30APX76-2 NA 16-30APX76-3	65322B0		/ /	/ /	
D-2.17	R&R chassis	NA 16-30APX76-2 NA 16-30APX76-3	65322Z0		/ /	/ /	
D-2.18	A/D chassis	NA 16-30APX76-2 NA 16-30APX76-3	65322Z0		/ /	/ /	
D-3	A/D switch amplifier, SA-1568( )/APX-76	NA 16-30APX76-2 NA 16-30APX76-3	6532300		/ /	/ /	
D-3A	Align/adjust switch amplifier, SA-1568( )/APX-76	NA 16-30APX76-2 NA 16-30APX76-3	6532300		/ /	* / /	
D-3.1	R&R circuit cards	NA 16-30APX76-2 NA 16-30APX76-3	6532300		/ /	/ /	
D-3.2	Align/adjust performance monitor board assembly	NA 16-30APX76-2 NA 16-30APX76-3	6532310		/ /	/ /	
D-3.3	A/D switch driver assembly	NA 16-30APX76-2 NA 16-30APX76-3	6532320		/ /	/ /	
D-3.4	Align/adjust power supply board assembly	NA 16-30APX76-2 NA 16-30APX76-3	6532330		/ /	/ /	
D-3.5	A/D interconnecting PC board assembly	NA 16-30APX76-2 NA 16-30APX76-3	6532340		/ /	/ /	

DA B.15 Continued

TASK #	TASK DESCRIPTION	REFERENCE	WUC	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
D-3.6	R&R final output cavity assembly	NA 16-30APX76-2 NA 16-30APX76-3	6532350		/ /	/ /	
D-3.7	A/D final output cavity assembly	NA 16-30APX76-2 NA 16-30APX76-3	6532350		/ /	/ /	
D-3.8	Align/adjust final output cavity assembly	NA 16-30APX76-2 NA 16-30APX76-3	6532350		/ /	/ /	
D-3.9	R&R diplexer filter assembly	NA 16-30APX76-2 NA 16-30APX76-3	6532360		/ /	/ /	
D-3.10	A/D diplexer filter assembly	NA 16-30APX76-2 NA 16-30APX76-3	6532360		/ /	/ /	
D-3.11	Align/adjust diplexer filter assembly	NA 16-30APX76-2 NA 16-30APX76-3	6532360		/ /	/ /	
D-3.12	R&R transistor power assembly 3Q1	NA 16-30APX76-2 NA 16-30APX76-3	65323B0		/ /	/ /	
D-3.13	A/D transistor power assembly 3Q1	NA 16-30APX76-2 NA 16-30APX76-3	65323B0		/ /	/ /	
D-3.14	R&R transistor power assembly 3Q2	NA 16-30APX76-2 NA 16-30APX76-3	65323C0		/ /	/ /	
D-3.15	A/D transistor power assembly 3Q2	NA 16-30APX76-2 NA 16-30APX76-3	65323C0		/ /	/ /	
D-4	A/D set control, C-7583/APX-76( )(V)	NA 16-30APX76-2 NA 16-30APX76-3	65324		/ /	/ /	

B.16 Demonstrates/applies knowledge of principles of operation and performs applicable intermediate level maintenance on the **receiving decoding group, AN/ARA-63( )**, using appropriate maintenance procedures and support/test equipment. (EA-6, F-18D, C-130, AV-8 A/C)

A	Principles of operation						
A-1	Receiving decoding group, AN/ARA-63( )	NA 16-30ARA63-1	71D10		/ /	/ /	
A-1.1	Radio receiver, R-1379( )/ARA-63	NA 16-30ARA63-1	71D1100		/ /	/ /	
A-1.2	Pulse decoder, KY-651( )/ARA-63	NA 16-30ARA63-1	71D1200		/ /	/ /	
A-1.3	Receiver control, C-7949( )/ARA-63( )	NA 16-30ARA63-1	71D13		/ /	/ /	
B	Test and check						
B-1	Radio receiver, R-1379( )/ARA-63	NA 16-30ARA63-1	71D1100		/ /	* / /	
B-2	Pulse decoder, KY-651( )/ARA-63	NA 16-30ARA63-1	71D1200		/ /	* / /	
B-3	Receiver control, C-7949( )/ARA-63( )	NA 16-30ARA63-1	71D13		/ /	* / /	
C	Troubleshoot						
C-1	Radio receiver, R-1379( )/ARA-63	NA 16-30ARA63-1	71D1100		/ /	* / /	
C-2	Pulse decoder, KY-651( )/ARA-63	NA 16-30ARA63-1	71D1200		/ /	* / /	
C-3	Receiver control, C-7949( )/ARA-63( )	NA 16-30ARA63-1	71D13		/ /	* / /	
D	Intermediate maintenance						
D-1	A/D radio receiver, R-1379( )/ARA-63	NA 16-30ARA63-1	71D1100		/ /	/ /	
D-1A	Align/adjust radio receiver, R-1379( )/ARA-63	NA 16-30ARA63-1	71D1100		/ /	* / /	

DA B.16 Continued

TASK #	TASK DESCRIPTION	REFERENCE	WUC	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
D-1.1	R&R subassemblies	NA 16-30ARA63-1	71D1100		/ /	/ /	
D-1.2	A/D receiver subassembly 1A1	NA 16-30ARA63-1	71D1110		/ /	/ /	
D-1.3	Align/adjust receiver subassembly 1A1	NA 16-30ARA63-1	71D1110		/ /	/ /	
D-1.4	A/D built-in-test module 1A2	NA 16-30ARA63-1	71D1120		/ /	/ /	
D-2	A/D pulse decoder, KY-651( )/ARA-63	NA 16-30ARA63-1	71D1200		/ /	/ /	
D-2A	Align/adjust pulse decoder, KY-651( )/ARA-63	NA 16-30ARA63-1	71D1200		/ /	* / /	
D-2.1	A/D logic module 2A1	NA 16-30ARA63-1	71D1210		/ /	/ /	
D-2.2	Align/adjust logic module 2A1	NA 16-30ARA63-1	71D1210		/ /	/ /	
D-2.3	A/D power supply 2PS1	NA 16-30ARA63-1	71D1220		/ /	/ /	
D-2.4	Align/adjust power supply 2PS1	NA 16-30ARA63-1	71D1220		/ /	/ /	
D-3	A/D receiver control, C-7949( )/ARA-63( )	NA 16-30ARA63-1	71D13		/ /	/ /	
D-4	Align/adjust receiver control, C-7949( )/ARA-63( )	NA 16-30ARA63-1	71D13		/ /	/ /	

B.17 Demonstrates/applies knowledge of principles of operation and performs applicable intermediate level maintenance on the **TACAN navigation set, AN/ARN-118(V)( )**, using appropriate maintenance procedures and support/test equipment. (H-1, CH-46, CH-53, C-130, F-18, AV-8 A/C)

A	Principles of operation						
A-1	Receiver transmitter, RT-1159/A	NA 16-30ARN118-2	71Y9200		/ /	/ /	
A-2	Receiver transmitter adapter, MX-9577/A	NA 16-30ARN118-2	71Y9300		/ /	/ /	
A-3	Radio set control, C-10058A	NA 16-30ARN118-2	71Y9400		/ /	/ /	
A-4	Mounting base, MT-4682( )/A	NA 16-30ARN118-2	71Y98		/ /	/ /	
A-5	Receiver transmitter control, C-10057/A	NA 16-30ARN118-2	71Y9G00		/ /	/ /	
A-6	Receiver transmitter control, C-10062/A	NA 16-30ARN118-2	71Y9600		/ /	/ /	
B	Test and check						
B-1	Receiver transmitter, RT-1159/A	NA 16-30ARN118-2	71Y9200		/ /	* / /	
B-2	Receiver transmitter adapter, MX-9577/A	NA 16-30ARN118-2	71Y9300		/ /	* / /	
B-3	Radio set control, C-10058A	NA 16-30ARN118-2	71Y9400		/ /	* / /	
B-4	Mounting base, MT-4682( )/A	NA 16-30ARN118-2	71Y98		/ /	/ /	
B-5	Receiver transmitter control, C-10057/A	NA 16-30ARN118-2	71Y9G00		/ /	/ /	
B-6	Receiver transmitter control, C-10062/A	NA 16-30ARN118-2	71Y9600		/ /	/ /	
C	Troubleshoot						
C-1	Receiver transmitter, RT-1159/A	NA 16-30ARN118-2	71Y9200		/ /	* / /	
C-2	Receiver transmitter adapter, MX-9577/A	NA 16-30ARN118-2	71Y9300		/ /	* / /	
C-3	Radio set control, C-10058A	NA 16-30ARN118-2	71Y9400		/ /	* / /	
C-4	Mounting base, MT-4682( )/A	NA 16-30ARN118-2	71Y98		/ /	/ /	
C-5	Receiver transmitter control, C-10057/A	NA 16-30ARN118-2	71Y9G00		/ /	/ /	
C-6	Receiver transmitter control, C-10062/A	NA 16-30ARN118-2	71Y3600		/ /	/ /	
D	Intermediate maintenance						
D-1	A/D TACAN navigation set, AN/ARN-118(V)( )	NA 16-30ARN118-2	713V0		/ /	/ /	
D-1A	Align/adjust TACAN navigation set, AN/ARN-118(V)( )	NA 16-30ARN118-2	713V0		/ /	* / /	

DA B.17 Continued

TASK #	TASK DESCRIPTION	REFERENCE	WUC	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
D-1.1	A/D receiver transmitter, RT-1159/A	NA 16-30ARN118-2	71Y9200		/ /	/ /	
D-1.2	Align/adjust receiver transmitter, RT-1159/A	NA 16-30ARN118-2	71Y9200		/ /	* / /	
D-2	A/D receiver transmitter adapter, MX-9577/A	NA 16-30ARN118-2	71Y9300		/ /	/ /	
D-2A	Align/adjust receiver transmitter adapter, MX-9577/A	NA 16-30ARN118-2	71Y9300		/ /	* / /	
D-3	A/D radio set control, C-10058/A	NA 16-30ARN118-2	71Y9400		/ /	/ /	
D-3A	Align/adjust radio set control, C-10058/A	NA 16-30ARN118-2	71Y9400		/ /	* / /	
D-3.1	R&R circuit card assemblies	NA 16-30ARN118-2	71Y9400		/ /	/ /	
D-4	A/D mounting base, MT-4682( )/A	NA 16-30ARN118-2	71Y98		/ /	/ /	
D-4A	Repair mounting base, MT-4682( )/A	NA 16-30ARN118-2	71Y98		/ /	/ /	
D-5	A/D receiver transmitter control, C-10057/A	NA 16-30ARN118-2	71Y9G00		/ /	/ /	
D-5A	Align/adjust receiver transmitter control, C-10057/A	NA 16-30ARN118-2	71Y9G00		/ /	* / /	
D-5.1	R&R word generator circuit card assembly A1	NA 16-30ARN118-2	71Y9G10		/ /	/ /	
D-5.2	R&R control assembly	NA 16-30ARN118-2	71Y9G20		/ /	/ /	
D-6	A/D receiver transmitter control, C-10062/A	NA 16-30ARN118-2	71Y3600		/ /	/ /	
D-6A	Align/adjust receiver transmitter control, C-10062/A	NA 16-30ARN118-2	71Y3600		/ /	* / /	
D-6.1	R&R circuit card assemblies	NA 16-30ARN118-2	71Y3600		/ /	/ /	

B.18 Demonstrates/applies knowledge of principles of operation and performs applicable intermediate level maintenance on the **TACAN navigation set, AN/ARN-21**, using appropriate maintenance procedures and support/test equipment.

A	Principles of operation						
A-1	TACAN set, AN/ARN-21( )	NA 16-30ARN21-( )	71370		/ /	/ /	
A-1.1	Receiver, RT-220( )/ARN-21	NA 16-30ARN21-( )	7137100		/ /	/ /	
A-1.2	Control unit, C-866/ARN-21	NA 16-30ARN21-( )	71372		/ /	/ /	
A-1.3	Mount, MT-928( )/ARN-21	NA 16-30ARN21-( )	71376		/ /	/ /	
A-1.4	Indicator chassis, C-1763( )/ARN-21( )	NA 16-30ARN21-( )	71378		/ /	/ /	
A-1.5	Indicator coupler, CU-395( )/ARN-21	NA 16-30ARN21-( )	7137A		/ /	/ /	
B	Test and check						
B-1	Receiver, RT-220( )/ARN-21	NA 16-30ARN21-( )	7137100		/ /	* / /	
B-2	Control unit, C-866/ARN-21	NA 16-30ARN21-( )	71372		/ /	* / /	
B-3	Mount, MT-928( )/ARN-21	NA 16-30ARN21-( )	71376		/ /	/ /	
B-4	Indicator chassis, C-1763( )/ARN-21( )	NA 16-30ARN21-( )	71378		/ /	/ /	
C	Troubleshoot						
C-1	Receiver, RT-220( )/ARN-21	NA 16-30ARN21-( )	7137100		/ /	* / /	
C-2	Control unit, C-866/ARN-21	NA 16-30ARN21-( )	71372		/ /	/ /	
C-3	Mount, MT-928( )/ARN-21	NA 16-30ARN21-( )	71376		/ /	/ /	
C-4	Indicator chassis, C-1763( )/ARN-21( )	NA 16-30ARN21-( )	71378		/ /	/ /	

DA B.18 Continued

TASK #	TASK DESCRIPTION	REFERENCE	WUC	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
D	Intermediate maintenance						
D-1	A/D receiver, RT-220( )/ARN-21	NA 16-30ARN21-( )	7137100		/ /	/ /	
D-1A	Align/adjust receiver, RT-220( )/ARN-21	NA 16-30ARN21-( )	7137100		/ /	* / /	
D-1.1	R&R power supply	NA 16-30ARN21-( )	7137110		/ /	/ /	
D-1.2	Align/adjust power supply	NA 16-30ARN21-( )	7137110		/ /	/ /	
D-1.3	R&R video decoder	NA 16-30ARN21-( )	7137120		/ /	/ /	
D-1.4	Align/adjust video decoder	NA 16-30ARN21-( )	7137120		/ /	/ /	
D-1.5	R&R azimuth gate	NA 16-30ARN21-( )	7137130		/ /	/ /	
D-1.6	Align/adjust azimuth gate	NA 16-30ARN21-( )	7137130		/ /	/ /	
D-1.7	R&R azimuth control	NA 16-30ARN21-( )	7137140		/ /	/ /	
D-1.8	Align/adjust azimuth control	NA 16-30ARN21-( )	7137140		/ /	/ /	
D-1.9	R&R range control	NA 16-30ARN21-( )	7137150		/ /	/ /	
D-1.10	Align/adjust range control	NA 16-30ARN21-( )	7137150		/ /	/ /	
D-1.11	R&R range gate	NA 16-30ARN21-( )	7137160		/ /	/ /	
D-1.12	Align/adjust range gate	NA 16-30ARN21-( )	7137160		/ /	/ /	
D-1.13	R&R modulator	NA 16-30ARN21-( )	7137170		/ /	/ /	
D-1.14	Align/adjust modulator	NA 16-30ARN21-( )	7137170		/ /	/ /	
D-1.15	R&R frequency multiplier	NA 16-30ARN21-( )	7137180		/ /	/ /	
D-1.16	Align/adjust frequency multiplier	NA 16-30ARN21-( )	7137180		/ /	/ /	
D-1.17	R&R IF amplifier	NA 16-30ARN21-( )	7137190		/ /	/ /	
D-1.18	Align/adjust IF amplifier	NA 16-30ARN21-( )	7137190		/ /	/ /	
D-1.19	R&R RF oscillator	NA 16-30ARN21-( )	71371A0		/ /	/ /	
D-1.20	Align/adjust RF oscillator	NA 16-30ARN21-( )	71371A0		/ /	/ /	
D-1.21	R&R pre-selector transmitter	NA 16-30ARN21-( )	71371B0		/ /	/ /	
D-1.22	Align/adjust pre-selector transmitter	NA 16-30ARN21-( )	71371B0		/ /	/ /	
D-1.23	R&R main chassis	NA 16-30ARN21-( )	71371C0		/ /	/ /	
D-1.24	Repair main chassis	NA 16-30ARN21-( )	71371C0		/ /	/ /	
D-1.25	R&R front panel	NA 16-30ARN21-( )	71371D0		/ /	/ /	
D-1.26	Repair front panel	NA 16-30ARN21-( )	71371D0		/ /	/ /	
D-2	A/D control unit, C-866/ARN-21	NA 16-30ARN21-( )	71372		/ /	/ /	
D-3	A/D mount, MT-928( )/ARN-21	NA 16-30ARN21-( )	71376		/ /	/ /	
D-3A	Repair mount, MT-928( )/ARN-21	NA 16-30ARN21-( )	71376		/ /	/ /	
D-4	A/D indicator chassis, C-1763( )/ARN-21( )	NA 16-30ARN21-( )	71378		/ /	/ /	
D-4A	Repair indicator chassis, C-1763( )/ARN-21( )	NA 16-30ARN21-( )	71378		/ /	/ /	

B.19 Demonstrates/applies knowledge of principles of operation and performs applicable intermediate level maintenance on the **TACAN navigation set, AN/ARN-52(V)( )**, using appropriate maintenance procedures and support/test equipment. (CH-53, H-1 A/C)

A	Principles of operation						
A-1	Receiver transmitter, RT-384( )/ARN-52(V)	NA 16-30ARN52-9 NA 16-30ARN52-10	7143100		/ /	/ /	
A-1.1	RF module	NA 16-30ARN52-9 NA 16-30ARN52-10	71431C0		/ /	/ /	

DA B.19 Continued

TASK #	TASK DESCRIPTION	REFERENCE	WUC	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
A-2	Radio set control, C-2010/ARN-52(V)( )	NA 16-30ARN52-9 NA 16-30ARN52-10	71432		/ /	/ /	
A-3	Mounting, MT-3952/ARN-52(V)	NA 16-30ARN52-9 NA 16-30ARN52-10	7143H		/ /	/ /	
A-4	Shock mount base, MT3680( )/ARN-52(V)	NA 16-30ARN52-9 NA 16-30ARN52-10	7143J		/ /	/ /	
B	Test and check						
B-1	Receiver transmitter, RT-384( )/ARN-52(V)	NA 16-30ARN52-9 NA 16-30ARN52-10	7143100		/ /	* / /	
B-1.1	RF module	NA 16-30ARN52-9 NA 16-30ARN52-10	71431C0		/ /	* / /	
B-2	Radio set control, C-2010/ARN-52(V)( )	NA 16-30ARN52-9 NA 16-30ARN52-10	71432		/ /	* / /	
B-3	Mounting, MT-3952/ARN-52(V)	NA 16-30ARN52-9 NA 16-30ARN52-10	7143H		/ /	/ /	
B-4	Shock mount base, MT3680( )/ARN-52(V)	NA 16-30ARN52-9 NA 16-30ARN52-10	7143J		/ /	/ /	
C	Troubleshoot						
C-1	Receiver transmitter, RT-384( )/ARN-52(V)	NA 16-30ARN52-9 NA 16-30ARN52-10	7143100		/ /	* / /	
C-1.1	RF module	NA 16-30ARN52-9 NA 16-30ARN52-10	71431C0		/ /	* / /	
C-2	Radio set control, C-2010/ARN-52(V)( )	NA 16-30ARN52-9 NA 16-30ARN52-10	71432		/ /	* / /	
C-3	Mounting, MT-3952/ARN-52(V)	NA 16-30ARN52-9 NA 16-30ARN52-10	7143H		/ /	/ /	
C-4	Shock mount base, MT3680( )/ARN-52(V)	NA 16-30ARN52-9 NA 16-30ARN52-10	7143J		/ /	/ /	
D	Intermediate maintenance						
D-1	A/D receiver transmitter, RT-384( )/ARN-52(V)	NA 16-30ARN52-9 NA 16-30ARN52-10	7143100		/ /	/ /	
D-1A	Align/adjust receiver transmitter, RT-384( )/ARN-52(V)	NA 16-30ARN52-9 NA 16-30ARN52-10	7143100		/ /	* / /	
D-1.1	R&R subassemblies	NA 16-30ARN52-9 NA 16-30ARN52-10	7143100		/ /	/ /	
D-1.2	A/D subassemblies	NA 16-30ARN52-9 NA 16-30ARN52-10	71431A0		/ /	/ /	
D-1.2A	Align/adjust power supply	NA 16-30ARN52-9 NA 16-30ARN52-10	71431A0		/ /	* / /	
D-1.2B	Align/adjust antenna select	NA 16-30ARN52-9 NA 16-30ARN52-10	71431B0		/ /	* / /	
D-1.2C	Align/adjust bearing “A”	NA 16-30ARN52-9 NA 16-30ARN52-10	7143110		/ /	* / /	
D-1.2D	Align/adjust bearing “B”	NA 16-30ARN52-9 NA 16-30ARN52-10	7143120		/ /	* / /	
D-1.2E	Align/adjust range “A”	NA 16-30ARN52-9 NA 16-30ARN52-10	7143170		/ /	* / /	

DA B.19 Continued

TASK #	TASK DESCRIPTION	REFERENCE	WUC	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
D-1.2F	Align/adjust range “B”	NA 16-30ARN52-9 NA 16-30ARN52-10	7143180		/ /	* / /	
D-1.2G	Align/adjust range mech	NA 16-30ARN52-9 NA 16-30ARN52-10	7143190		/ /	* / /	
D-1.2H	Align/adjust bearing decoder	NA 16-30ARN52-9 NA 16-30ARN52-10	7143150		/ /	* / /	
D-1.2I	Align/adjust range decoder	NA 16-30ARN52-9 NA 16-30ARN52-10	7143160		/ /	* / /	
D-1.2J	Align/adjust air-to-air	NA 16-30ARN52-9 NA 16-30ARN52-10	7143140		/ /	* / /	
D-1.3	R&R RF module	NA 16-30ARN52-9 NA 16-30ARN52-10	71431C0		/ /	/ /	
D-1.4	A/D RF module	NA 16-30ARN52-9 NA 16-30ARN52-10	71431C0		/ /	/ /	
D-1.5	Align/adjust RF module	NA 16-30ARN52-9 NA 16-30ARN52-10	71431C0		/ /	* / /	
D-1.6	R&R mounting base assembly	NA 16-30ARN52-9 NA 16-30ARN52-10	71431E0		/ /	/ /	
D-1.7	A/D mounting base assembly	NA 16-30ARN52-9 NA 16-30ARN52-10	71431E0		/ /	/ /	
D-1.8	Repair mounting base assembly	NA 16-30ARN52-9 NA 16-30ARN52-10	71431E0		/ /	/ /	
D-2	R&R radio set control, C-2010/ARN-52(V)( )	NA 16-30ARN52-9 NA 16-30ARN52-10	71432		/ /	/ /	
D-2A	A/D radio set control, C-2010/ARN-52(V)( )	NA 16-30ARN52-9 NA 16-30ARN52-10	71432		/ /	/ /	
D-2B	Align/adjust radio set control, C-2010/ARN-52(V)( )	NA 16-30ARN52-9 NA 16-30ARN52-10	71432		/ /	* / /	
D-3	A/D mounting, MT-3952/ARN-52(V)	NA 16-30ARN52-9 NA 16-30ARN52-10	7143H		/ /	/ /	
D-3A	Repair mounting, MT-3952/ARN-52(V)	NA 16-30ARN52-9 NA 16-30ARN52-10	7143H		/ /	/ /	
D-4	A/D shock mount base, MT3680( )/ARN-52(V)	NA 16-30ARN52-9 NA 16-30ARN52-10	7143J		/ /	/ /	
D-4A	Repair shock mount base, MT3680( )/ARN-52(V)	NA 16-30ARN52-9 NA 16-30ARN52-10	7143J		/ /	/ /	

B.20 Demonstrates/applies knowledge of principles of operation and performs applicable intermediate level maintenance on the **direction finder set, AN/ARN-59(V)**, using appropriate maintenance procedures and support/test equipment. (CH-53, CH-46 A/C)

TASK #	TASK DESCRIPTION	REFERENCE	WUC	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
A	Principles of operation						
A-1	Receiver, R-836/ARN	NA 16-30ARN59-2	71451		/ /	/ /	
A-2	Receiver control, C2275/ARN	NA 16-30ARN59-2	71452		/ /	/ /	
A-3	Antenna, AT-780/ARN	NA 16-30ARN59-2	71453		/ /	/ /	
A-4	Dynamotor, DY-150/ARN	NA 16-30ARN59-2	71454		/ /	/ /	
B	Test and check						
B-1	Receiver, R-836/ARN	NA 16-30ARN59-2	71451		/ /	* / /	
B-2	Receiver control, C2275/ARN	NA 16-30ARN59-2	71452		/ /	* / /	
B-3	Antenna, AT-780/ARN	NA 16-30ARN59-2	71453		/ /	/ /	
B-4	Dynamotor, DY-150/ARN	NA 16-30ARN59-2	71454		/ /	/ /	
C	Troubleshoot						
C-1	Receiver, R-836/ARN	NA 16-30ARN59-2	71451		/ /	* / /	
C-2	Receiver control, C2275/ARN	NA 16-30ARN59-2	71452		/ /	* / /	
C-3	Antenna, AT-780/ARN	NA 16-30ARN59-2	71453		/ /	/ /	
C-4	Dynamotor, DY-150/ARN	NA 16-30ARN59-2	71454		/ /	/ /	
D	Intermediate maintenance						
D-1	A/D receiver, R-836/ARN	NA 16-30ARN59-2	71451		/ /	/ /	
D-1A	Align/adjust receiver, R-836/ARN	NA 16-30ARN59-2	71451		/ /	* / /	
D-2	A/D receiver control, C2275/ARN	NA 16-30ARN59-2	71452		/ /	/ /	
D-3	Align/adjust antenna, AT-780/ARN	NA 16-30ARN59-2	71453		/ /	/ /	
D-4	A/D dynamotor, DY-150/ARN	NA 16-30ARN59-2	71454		/ /	/ /	

B.21 Demonstrates/applies knowledge of principles of operation and performs applicable intermediate level maintenance on the **TACAN navigation set, AN/ARN-84(V)( )**, using appropriate maintenance procedures and support/test equipment. (H-1, C-130, EA-6 A/C)

A	Principles of operation						
A-1	TACAN navigational set, AN/ARN-84(V)( )	NA 16-30ARN84-1	713C0		* / /	/ /	
A-1.1	Receiver transmitter, RT-1022/ARN-84(V)	NA 16-30ARN84-1	713C100		* / /	/ /	
A-1.2	Navigation set control, C-8734/ARN-84(V)	NA 16-30ARN84-1	713C200		* / /	/ /	
A-1.3	Signal data converter, CV-2837/ARN-84(V)	NA 16-30ARN84-1	713C300		* / /	/ /	
A-1.4	Electronic equipment shock mount, MT-4354/ARN-84(V)	NA 16-30ARN84-1	713C4		* / /	/ /	
A-1.5	Navigation set control, C9054/ARN-84(V)	NA 16-30ARN84-1	713C6		* / /	/ /	
B	Test and check						
B-1	Receiver transmitter, RT-1022/ARN-84(V)	NA 16-30ARN84-1	713C100		* / /	* / /	
B-2	Navigation set control, C-8734/ARN-84(V)	NA 16-30ARN84-1	713C200		* / /	* / /	
B-3	Signal data converter, CV-2837/ARN-84(V)	NA 16-30ARN84-1	713C300		* / /	* / /	
B-4	Electronic equipment shock mount, MT-4354/ARN-84(V)	NA 16-30ARN84-1	713C4		* / /	/ /	
B-5	Navigation set control, C9054/ARN-84(V)	NA 16-30ARN84-1	713C6		* / /	* / /	
C	Troubleshoot						
C-1	Receiver transmitter, RT-1022/ARN-84(V)	NA 16-30ARN84-1	713C100		* / /	* / /	
C-2	Navigation set control, C-8734/ARN-84(V)	NA 16-30ARN84-1	713C200		* / /	* / /	

DA B.21 Continued

TASK #	TASK DESCRIPTION	REFERENCE	WUC	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
C-3	Signal data converter, CV-2837/ARN-84(V)	NA 16-30ARN84-1	713C300		* / /	* / /	
C-4	Electronic equipment shock mount, MT-4354/ARN-84(V)	NA 16-30ARN84-1	713C4		* / /	/ /	
C-5	Navigation set control, C9054/ARN-84(V)	NA 16-30ARN84-1	713C6		* / /	* / /	
D	Intermediate maintenance						
D-1	A/D receiver transmitter, RT-1022/ARN-84(V)	NA 16-30ARN84-1	713C100		* / /	/ /	
D-1A	Align/adjust receiver transmitter, RT-1022/ARN-84(V)	NA 16-30ARN84-1	713C100		* / /	* / /	
D-1.1	R&R modules	NA 16-30ARN84-1	713C100		* / /	/ /	
D-1.2	R&R chassis assembly 1A1	NA 16-30ARN84-1	713C1A0		* / /	/ /	
D-2	A/D navigation set control, C-8734/ARN-84(V)	NA 16-30ARN84-1	713C200		* / /	/ /	
D-2A	Align/adjust navigation set control, C-8734/ARN-84(V)	NA 16-30ARN84-1	713C200		* / /	* / /	
D-2.1	R&R circuit card 4A1	NA 16-30ARN84-1	713C210		* / /	/ /	
D-3	A/D signal data converter, CV-2837/ARN-84(V)	NA 16-30ARN84-1	713C300		* / /	/ /	
D-3A	Align/adjust signal data converter, CV-2837/ARN-84(V)	NA 16-30ARN84-1	713C300		* / /	* / /	
D-3.1	R&R converter chassis assembly 2A5	NA 16-30ARN84-1	713C350		* / /	/ /	
D-4	A/D electronic equipment shock mount, MT-4354/ARN-84(V)	NA 16-30ARN84-1	713C4		* / /	/ /	
D-4A	Align/adjust electronic equipment shock mount, MT-4354/ARN-84(V)	NA 16-30ARN84-1	713C4		* / /	/ /	
D-5	A/D navigation set control, C9054/ARN-84(V)	NA 16-30ARN84-1	713C6		* / /	/ /	
D-5A	Align/adjust navigation set control, C9054/ARN-84(V)	NA 16-30ARN84-1	713C6		* / /	/ /	

B.22 Demonstrates/applies knowledge of principles of operation and performs applicable intermediate level maintenance on the **direction finder set, AN/ARN-89( )**, using appropriate maintenance procedures and support/test equipment. (H-1, CH-53 A/C)

A	Principles of operation						
A-1	Radio receiver, R-1496/ARN-89	NA 16-30ARN89-2	713J100		/ /	/ /	
A-2	Radio set control, C-7392/ARN-89	NA 16-30ARN89-2	713J200		/ /	/ /	
B	Test and check						
B-1	Radio receiver, R-1496/ARN-89	NA 16-30ARN89-2	713J100		/ /	* / /	
B-2	Radio set control, C-7392/ARN-89	NA 16-30ARN89-2	713J200		/ /	* / /	
C	Troubleshoot						
C-1	Radio receiver, R-1496/ARN-89	NA 16-30ARN89-2	713J100		/ /	* / /	
C-2	Radio set control, C-7392/ARN-89	NA 16-30ARN89-2	713J200		/ /	* / /	
D	Intermediate maintenance						
D-1	A/D radio receiver, R-1496/ARN-89	NA 16-30ARN89-2	713J100		/ /	/ /	
D-1A	Align/adjust radio receiver, R-1496/ARN-89	NA 16-30ARN89-2	713J100		/ /	* / /	

DA B.22 Continued

TASK #	TASK DESCRIPTION	REFERENCE	WUC	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
D-1.1	R&R mixer/IF, 1A1	NA 16-30ARN89-2	713J110		/ /	/ /	
D-1.2	R&R audio/servo, 1A2	NA 16-30ARN89-2	713J120		/ /	/ /	
D-1.3	R&R power supply, 1A3	NA 16-30ARN89-2	713J130		/ /	/ /	
D-1.4	R&R goniometer, 1A4	NA 16-30ARN89-2	713J140		/ /	/ /	
D-1.5	R&R chassis, 1MP2	NA 16-30ARN89-2	713J150		/ /	/ /	
D-2	A/D radio set control, C-7392/ARN-89	NA 16-30ARN89-2	713J200		/ /	/ /	
D-2A	Align/adjust radio set control, C-7392/ARN-89	NA 16-30ARN89-2	713J200		/ /	/ /	
D-2.1	R&R subassemblies	NA 16-30ARN89-2	713J200		/ /	/ /	

B.23 Demonstrates/applies knowledge of principles of operation and performs applicable intermediate level maintenance on the **digital data communication set, AN/ASW-25( )**, using appropriate maintenance procedures and support/test equipment.

A	Principles of operation						
A-1	Digital data communication set, AN/ASW-25()				/ /	/ /	
A-1.1	Digital data converter/receiver, CV2230( )	NA 16-30ASW25-1(C)	6351100		/ /	/ /	
A-1.2	Communication set digital control, C-7100()	NA 16-30ASW25-1(C)	63512		/ /	/ /	
A-1.3	Indicator panel, ID-1794( )	NA 16-30ASW25-1(C)	6351300		/ /	/ /	
A-1.4	Mount, MT-3751	NA 16-30ASW25-1(C)	63515		/ /	/ /	
A-1.5	Test adapter, MX-9078	NA 16-30ASW25-1(C)	63516		/ /	/ /	
A-1.6	Security voice control, C-8057	NA 16-35C8057-1	63Y1W		/ /	/ /	
B	Test and check						
B-1	Digital data converter/receiver, CV2230( )	NA 16-30ASW25-1(C)	6351100		/ /	/ /	
B-2	Communication set digital control, C-7100()	NA 16-30ASW25-1(C)	63512		/ /	* / /	
B-3	Indicator panel, ID-1794( )	NA 16-30ASW25-1(C)	6351300		/ /	/ /	
B-4	Test adapter, MX-9078	NA 16-30ASW25-1(C)	63515		/ /	/ /	
B-5	Security voice control, C-8057	NA 16-35C8057-1	63Y1W		/ /	* / /	
C	Troubleshoot						
C-1	Digital data converter/receiver, CV2230( )	NA 16-30ASW25-1(C)	6351100		/ /	* / /	
C-2	Communication set digital control, C-7100()	NA 16-30ASW25-1(C)	63512		/ /	* / /	
C-3	Indicator panel, ID-1794( )	NA 16-30ASW25-1(C)	6351300		/ /	/ /	
C-4	Mount, MT-3751	NA 16-30ASW25-1(C)	63515		/ /	/ /	
C-5	Test adapter, MX-9078	NA 16-30ASW25-1(C)	63516		/ /	/ /	
C-6	Security voice control, C-8057	NA 16-35C8057-1	63Y1W		/ /	* / /	
D	Intermediate maintenance						
D-1	A/D digital data converter/receiver, CV2230( )	NA 16-30ASW25-1(C)	6351100		/ /	/ /	
D-1A	Align/adjust digital data converter/receiver, CV2230( )	NA 16-30ASW25-1(C)	6351100		/ /	/ /	
D-2	A/D communication set digital control, C-7100( )	NA 16-30ASW25-1(C)	63512		/ /	/ /	
D-2A	Align/adjust communication set digital control, C-7100( )	NA 16-30ASW25-1(C)	63512		/ /	/ /	
D-3	A/D security voice control, C-8057	NA 16-35C8057-1	63Y1W		/ /	/ /	
D-3A	Align/adjust security voice control, C-8057	NA 16-35C8057-1	63Y1W		/ /	/ /	

B.24 Demonstrates/applies knowledge of principles of operation and performs applicable intermediate level maintenance on the **digital data computer set, AN/AYK14(V)( )**, using appropriate maintenance procedures and support/test equipment. (EA-6, F-18, AV-8 A/C)

TASK #	TASK DESCRIPTION	REFERENCE	WUC	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
A	Principles of operation						
A-1	Digital data computer set, AN/AYK-14(V)( )				/ /	/ /	
A-1.1	Digital data computer, AYK-14(V)	AE-610AA-740-( )	7415P00		/ /	/ /	
B	Test and check						
B-1	Digital data computer, AYK-14(V)	AE-610AA-740-( )	7415P00		/ /	* / /	
C	Troubleshoot						
C-1	Digital data computer, AYK-14(V)	AE-610AA-740-( )	7415P00		/ /	* / /	
D	Intermediate maintenance						
D-1	R&R circuit card assemblies	AE-610AA-740-( )	7415P00		/ /	* / /	

B.25 Demonstrates/applies knowledge of principles of operation and performs applicable intermediate level maintenance on the **radar receiver, R-1623/APN**, using appropriate maintenance procedures and support/test equipment. (F-18 A/C)

A	Principles of operation						
A-1	Radar receiver, R-1623/APN	NA 16-35R1623-1	72Y1F00		/ /	/ /	
B	Test and check						
B-1	Radar receiver, R-1623/APN	NA 16-35R1623-1	72Y1F00		/ /	/ /	
C	Troubleshoot						
C-1	Radar receiver, R-1623/APN	NA 16-35R1623-1	72Y1F00		/ /	/ /	
D	Intermediate maintenance						
D-1	A/D radar receiver, R-1623/APN	NA 16-35R1623-1	72Y1F00		/ /	/ /	
D-1A	Align/adjust radar receiver, R-1623/APN	NA 16-35R1623-1	72Y1F00		/ /	/ /	
D-1.1	R&R module assemblies	NA 16-35R1623-1	72Y1F00		/ /	/ /	

B.26 Demonstrates/applies knowledge of principles of operation and performs applicable intermediate level maintenance on the **radio set, SCR-718( )**, using appropriate maintenance procedures and support/test equipment. (C-130 A/C)

A	Principles of operation						
A-1	Radio set, SCR-718( )				/ /	/ /	
A-1.1	Receiver/transmitter	NA 16-40SCR718-( )	72961		/ /	/ /	
A-1.2	Indicator	NA 16-40SCR718-( )	72962		/ /	/ /	
B	Test and check						
B-1	Radio set, SCR-718( )				/ /	/ /	
B-1.1	Receiver/transmitter	NA 16-40SCR718-( )	72961		/ /	/ /	
B-1.2	Indicator	NA 16-40SCR718-( )	72962		/ /	/ /	
C	Troubleshoot						
C-1	Radio set, SCR-718( )				/ /	/ /	
C-1.1	Receiver/transmitter	NA 16-40SCR718-( )	72961		/ /	* / /	
C-1.2	Indicator	NA 16-40SCR718-( )	72962		/ /	* / /	

DA B.26 Continued

TASK #	TASK DESCRIPTION	REFERENCE	WUC	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
D	Intermediate maintenance						
D-1	A/D radio set, SCR-718( )				/ /	/ /	
D-1A	Align/adjust radio set, SCR-718( )	NA 16-40SCR718-( )	72960		/ /	* / /	
D-1.1	A/D receiver/transmitter	NA 16-40SCR718-( )	72961		/ /	/ /	
D-1.2	Align/adjust receiver/transmitter	NA 16-40SCR718-( )	72961		/ /	/ /	
D-1.3	A/D indicator	NA 16-40SCR718-( )	72962		/ /	/ /	
D-1.4	Align/adjust indicator	NA 16-40SCR718-( )	72962		/ /	* / /	

B.27 Demonstrates/applies knowledge of principles of operation and performs applicable intermediate level maintenance on the **tactical navigation set, AN/ASN-123**, using appropriate maintenance procedures and support/test equipment.

A	Principles of operation						
A-1	ASN-123 navigation set computer	NA 16-35CP1541-1	735L800		* / /	* / /	
A-2	ASN-123 computer interface	NA 16-35CP1585-1	735LA00		* / /	* / /	
A-3	ASN-123 indicator control	NA 16-35CI1194-1	735LB00		* / /	* / /	
A-4	ASN-123 digital display indicator	NA 16-35IP1263-1	735LC00		* / /	* / /	
B	Test and check						
B-1	ASN-123 navigation set computer	NA 16-35CP1541-1	735L800		* / /	* / /	
B-2	ASN-123 computer interface	NA 16-35CP1585-1	735LA00		* / /	* / /	
B-3	ASN-123 indicator control	NA 16-35CI1194-1	735LB00		* / /	* / /	
B-4	ASN-123 digital display indicator	NA 16-35IP1263-1	735LC00		* / /	* / /	
C	Troubleshoot						
C-1	ASN-123 navigation set computer	NA 16-35CP1541-1	735L800		* / /	* / /	
C-2	ASN-123 computer interface	NA 16-35CP1585-1	735LA00		* / /	* / /	
C-3	ASN-123 indicator control	NA 16-35CI1194-1	735LB00		* / /	* / /	
C-4	ASN-123 digital display indicator	NA 16-35IP1263-1	735LC00		* / /	* / /	
D	Intermediate maintenance						
D-1	A/D ASN-123 navigation set computer	NA 16-35CP1541-1	735L800		* / /	* / /	
D-1.1	R&R VID module assembly A1, A2	NA 16-35CP1541-1	735L800		* / /	/ /	
D-1.2	R&R 1553-1 module assembly A3	NA 16-35CP1541-1	735L830		* / /	/ /	
D-1.3	R&R 1553B no 2 module assembly A4	NA 16-35CP1541-1	735L840		* / /	/ /	
D-1.4	R&R VID 3 module assembly A5	NA 16-35CP1541-1	735L850		* / /	/ /	
D-1.5	R&R display module assembly A6	NA 16-35CP1541-1	735L860		* / /	/ /	
D-1.6	R&R IOA module assembly A7, A8	NA 16-35CP1541-1	735L880		* / /	/ /	
D-1.7	R&R DMAC module assembly A9	NA 16-35CP1541-1	735L890		* / /	/ /	
D-1.8	R&R input control module assembly A10	NA 16-35CP1541-1	735L8A0		* / /	/ /	
D-1.9	R&R input/output one B module assembly A11	NA 16-35CP1541-1	735L8B0		* / /	/ /	
D-1.10	R&R general control module assembly A12	NA 16-35CP1541-1	735L8C0		* / /	/ /	
D-1.11	R&R timing control logic module A13	NA 16-35CP1541-1	735L8D0		* / /	/ /	
D-1.12	R&R arithmetic register module A14, A15	NA 16-35CP1541-1	735L800		* / /	/ /	
D-1.13	R&R arithmetic instr decode module A16	NA 16-35CP1541-1	735L8G0		* / /	/ /	
D-1.14	R&R register control module A17	NA 16-35CP1541-1	735L8H0		* / /	/ /	
D-1.15	R&R phase control module assembly A18	NA 16-35CP1541-1	735L8J0		* / /	/ /	
D-1.16	R&R CIUC module assembly A19	NA 16-35CP1541-1	735L8K0		* / /	/ /	

DA B.27 Continued

TASK #	TASK DESCRIPTION	REFERENCE	WUC	LEVEL I	LEVEL II	LEVEL III	LEVEL IV
D-1.17	R&R CIUI module assembly A20	NA 16-35CP1541-1	735L8L0		* / /	/ /	
D-1.18	R&R SMID module assembly A21	NA 16-35CP1541-1	735L8M0		* / /	/ /	
D-1.19	R&R SMIA module assembly A22	NA 16-35CP1541-1	735L8N0		* / /	/ /	
D-1.20	R&R 32K/18bit SEMS16 planar memory A24	NA 16-35CP1541-1	735L8Q0		* / /	/ /	
D-1.21	R&R 16K/16bit planar core memory sys A25	NA 16-35CP1541-1	735L8R0		* / /	/ /	
D-1.22	R&R power supply assembly PS1	NA 16-35CP1541-1	735L8S0		* / /	/ /	
D-2	A/D ASN-123 computer interface	NA 16-35CP1585-1	735LA00		* / /	* / /	
D-2.1	R&R data link module assembly A15	NA 16-35CP1585-1	735LAF0		* / /	/ /	
D-2.2	R&R NAVPA module assembly A16	NA 16-35CP1585-1	735LAF0		* / /	/ /	
D-2.3	R&R 8085-2 module assembly A20	NA 16-35CP1585-1	735LAL0		* / /	/ /	
D-2.4	R&R 8085-1 module assembly A21	NA 16-35CP1585-1	735LAM0		* / /	/ /	
D-2.5	R&R 1553B no2/8 module assembly A22	NA 16-35CP1585-1	735LAN0		* / /	/ /	
D-2.6	R&R 1553-1 module assembly A23	NA 16-35CP1585-1	735LAP0		* / /	/ /	
D-2.7	A/D semiconductor memory module assembly A24	NA 16-35CP1585-1	735LAQ0		* / /	/ /	
D-2.7A	R&R memory module subassembly	NA 16-35CP1585-1	735LAQ1		* / /	/ /	
D-2.8	R&R power supply assembly PS1	NA 16-35CP1585-1	735LAR0		* / /	/ /	
D-3	A/D ASN-123 indicator control	NA 16-35CI1194-1	735LB00		* / /	* / /	
D-3.1	R&R switch encoder module assembly A1	NA 16-35CI1194-1	735LB10		* / /	/ /	
D-3.2	R&R slew control module assembly A2	NA 16-35CI1194-1	735LB20		* / /	/ /	
D-3.3	R&R shift register module assembly A3	NA 16-35CI1194-1	735LB30		* / /	/ /	
D-3.4	R&R bite module assembly A4	NA 16-35CI1194-1	735LB40		* / /	/ /	
D-3.5	R&R interconnect assembly	NA 16-35CI1194-1	735LB50		* / /	/ /	
D-3.6	R&R integrated switch panel	NA 16-35CI1194-1	735LB60		* / /	/ /	
D-4	ASN-123 digital display indicator	NA 16-35IP1263-1	735LC00		* / /	* / /	
D-4.1	R&R deflection amplifier circuit card A1	NA 16-35IP1263-1	735LC10		* / /	/ /	
D-4.2	Align deflection amplifier circuit card A1	NA 16-35IP1263-1	735LC10		* / /	/ /	
D-4.3	R&R character memory circuit card A2	NA 16-35IP1263-1	735LC20		* / /	/ /	
D-4.4	R&R arithmetic/control circuit card A3	NA 16-35IP1263-1	735LC30		* / /	/ /	
D-4.5	R&R micro controller circuit card A4	NA 16-35IP1263-1	735LC40		* / /	/ /	
D-4.6	R&R video amplifier/bit circuit card A5	NA 16-35IP1263-1	735LC50		* / /	/ /	
D-4.7	R&R DAC circuit card assembly A6	NA 16-35IP1263-1	735LC60		* / /	/ /	
D-4.8	R&R deflection amplifier circuit card A8	NA 16-35IP1263-1	735LC80		* / /	/ /	
D-4.9	Align deflection amplifier circuit card A8	NA 16-35IP1263-1	735LC80		* / /	* / /	
D-4.10	R&R low voltage power supply A9	NA 16-35IP1263-1	735LC90		* / /	/ /	
D-4.11	R&R high voltage power supply A10	NA 16-35IP1263-1	735LCA0		* / /	/ /	
D-4.12	Align high voltage power supply A10	NA 16-35IP1263-1	735LCA0		* / /	* / /	
D-4.13	R&R electron tube/deflection assembly A11	NA 16-35IP1263-1	735LCB0		* / /	/ /	
D-4.14	R&R instrument mounting bezel A12	NA 16-35IP1263-1	735LCC0		* / /	/ /	
D-4.15	R&R electrical assembly chassis A13	NA 16-35IP1263-1	735LCD0		* / /	/ /	

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:

_____

_____

_____

Date: MARCH 1997

APPENDIX C

WORK CENTER SUMMARY
AIRCRAFT NAVIGATION SYSTEM TECHNICIAN IFF/RADAR/TACAN (MOS 6413/6414)

WORK CENTER NAME/NUMBER:_____

NAME/MOS	LEVEL	A.1	A.2	A.3	B.1	B.2	B.3	B.4	B.5	B.6	B.7	B.8	B.9	B.10	B.11	B.12
	II							XXXX	XXXX	XXXX		XXXX	XXXX	XXXX	XXXX	XXXX
	III	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX									
	IV															
	II							XXXX	XXXX	XXXX		XXXX	XXXX	XXXX	XXXX	XXXX
	III	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX									
	IV															
	II							XXXX	XXXX	XXXX		XXXX	XXXX	XXXX	XXXX	XXXX
	III	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX									
	IV															
	II							XXXX	XXXX	XXXX		XXXX	XXXX	XXXX	XXXX	XXXX
	III	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX									
	IV															
	II							XXXX	XXXX	XXXX		XXXX	XXXX	XXXX	XXXX	XXXX
	III	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX									
	IV															
	II							XXXX	XXXX	XXXX		XXXX	XXXX	XXXX	XXXX	XXXX
	III	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX									
	IV															
	II							XXXX	XXXX	XXXX		XXXX	XXXX	XXXX	XXXX	XXXX
	III	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX									
	IV															
	II							XXXX	XXXX	XXXX		XXXX	XXXX	XXXX	XXXX	XXXX
	III	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX									
	IV															
	II							XXXX	XXXX	XXXX		XXXX	XXXX	XXXX	XXXX	XXXX
	III	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX									
	IV															
	II							XXXX	XXXX	XXXX		XXXX	XXXX	XXXX	XXXX	XXXX
	III	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX									
	IV															
	II							XXXX	XXXX	XXXX		XXXX	XXXX	XXXX	XXXX	XXXX
	III	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX									
	IV															
	II							XXXX	XXXX	XXXX		XXXX	XXXX	XXXX	XXXX	XXXX
	III	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX									
	IV															

Date: MARCH 1997

APPENDIX C

WORK CENTER SUMMARY
AIRCRAFT NAVIGATION SYSTEM TECHNICIAN IFF/RADAR/TACAN (MOS 6413/6414)

WORK CENTER NAME/NUMBER:_____

NAME/MOS	LEVEL	B.13	B.14	B.15	B.16	B.17	B.18	B.19	B.20	B.21	B.22	B.23	B.24	B.25	B.26	B.27
	II	XXXX		XXXX	XXXX	XXXX	XXXX	XXXX	XXXX		XXXX	XXXX	XXXX	XXXX	XXXX	
	III													XXXX		
	IV															
	II	XXXX		XXXX	XXXX	XXXX	XXXX	XXXX	XXXX		XXXX	XXXX	XXXX	XXXX	XXXX	
	III													XXXX		
	IV															
	II	XXXX		XXXX	XXXX	XXXX	XXXX	XXXX	XXXX		XXXX	XXXX	XXXX	XXXX	XXXX	
	III													XXXX		
	IV															
	II	XXXX		XXXX	XXXX	XXXX	XXXX	XXXX	XXXX		XXXX	XXXX	XXXX	XXXX	XXXX	
	III													XXXX		
	IV															
	II	XXXX		XXXX	XXXX	XXXX	XXXX	XXXX	XXXX		XXXX	XXXX	XXXX	XXXX	XXXX	
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	II	XXXX		XXXX	XXXX	XXXX	XXXX	XXXX	XXXX		XXXX	XXXX	XXXX	XXXX	XXXX	
	III													XXXX		
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	III													XXXX		
	IV															
	II	XXXX		XXXX	XXXX	XXXX	XXXX	XXXX	XXXX		XXXX	XXXX	XXXX	XXXX	XXXX	
	III													XXXX		
	IV															

Date: MARCH 1997

APPENDIX D

SUPPORT EQUIPMENT LICENSING RECORD

SUPPORT EQUIPMENT NOMENCLATURE	REFERENCE	PHASE I	PHASE II	LICENSED	EXPIRATION

NAME/SSN:_____ RANK:_____ MOS:_____ Date: MARCH 1997